# MID-CONTINENT ENERGY EXCHANGE

Oil & Gas Asset Auctions



Lot 5950 Data Packet

# Cot East, Hester Farms, Blehm, G&D Hanks 18 Well MI/RI+15 Active Permits in Wold County CO

in Weld County, CO

In this Document:

Lot Summary
Income and Expenses
Production
Misc.
Outgoing Conveyance



## **Lot 5950 Summary**

**Lease Name:** Cot East, Hester Farms, Blehm, G&D Hanks

County/State: Weld, CO

**Asset Type:** Mineral/Royalty Interest

**Legal Description:** Lot 9 (part of NE/4) Sec 8-7N-67W & NE/4 Sec 32-7N-66W

**API:** See next page

**Decimal Interest:** See next page

Net Monthly Income: \$60.20

**Operator:** Bayswater Exploration & Prairie Operating Co LLC

Disclaimer: Bidders must conduct their own due diligence prior to bidding at the auction. Bidders shall rely upon their own evaluations of the properties and not upon any representation either oral or written provided here. This is a summary of information provided by the seller to Mid-Continent Energy Exchange.

### **Well Data**

Property/Well Name	API Number	MI/RI
Cot East W-30-29HC	05-123-50508	0.00001445
Cot East X-30-29HN	05-123-50500	0.00001445
Blehm-6X-HC-07-07-67	05-123-51531	0.00001275
G & D Hanks W-27-28HC	05-123-46276	0.00000621
G & D Hanks WA-27-28HN	05-123-46295	0.00000621
G & D Hanks X-27-28HN	05-123-46030	0.00000621
Hester Farms II A-31-32HN	05-123-47394	0.00001938
Hester Farms II B-31-32HN	05-123-47390	0.00001938
Hester Farms II C-31-32HN	05-123-47387	0.00002795
Hester Farms II D-31-32HC	05-123-47395	0.00002795
Hester Farms II E-31-32HN	05-123-47389	0.00002795
Hester Farms II F-31-32HN	05-123-47392	0.00002795
Hester Farms II G-31-32HN	05-123-47393	0.00002795
Hester Farms II H-31-32HC	05-123-47388	0.00002795
Hester Farms II I-31-32HN	05-123-47396	0.00002795
Hester Farms II J-31-32HN	05-123-47397	0.00002795
Hester Farms II K-31-32HN	05-123-47398	0.00001432
Hester Farms II L-31-32HC	05-123-47391	0.00001432



# **Summary**

1 month income info

Net Income: \$60.20

Per Month: \$60.20

### **Revenue State**

Operator Check

BAYSWATER EXPLORATION & PRODUCTION LLC 730 17TH ST SUITE 610 DENVER, CO 80202 Check Number
Check Amount
Check Date
Check Type
ACH

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					Prope	rty Values			Owner	Share	
		Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
Property:	41565	G&D HA	NKS W-27-28HC, State: CO	, County: WE	ELD						
GAS											
		ROYALTY INTEREST	Sep 24	1.0900	538.00	1.70	914.39	0.00000621	0.00000621	0.00	0.01
		AD VALOREM TAX	Sep 24				(54.86)	0.00000621	0.00000621		0.00
		RIMROCK GATH/PROC	Sep 24				(597.79)	0.00000621	0.00000621		0.00
		CONSERVATION TAX	Sep 24				(1.37)	0.00000621	0.00000621		0.00
		PWH EXP CREDIT TO RI/OR	Sep 24				298.89	0.00000621	0.00000621		0.00
		SEVERANCE TAX	Sep 24				(9.14)	0.00000621	0.00000621		0.00
		ROYALTY INTEREST	Sep 24	1.0760	531.00	1.50	796.51	0.00000621	0.00000621	0.00	0.00
		AD VALOREM TAX	Sep 24				(47.79)	0.00000621	0.00000621		0.00
		FRACTIONATION FEE	Sep 24				(13.06)	0.00000621	0.00000621		0.00
		CONSERVATION TAX	Sep 24				(1.19)	0.00000621	0.00000621		0.00
		PWH EXP CREDIT TO RI/OR	Sep 24				91.33	0.00000621	0.00000621		0.00
		SEVERANCE TAX	Sep 24				(7.97)	0.00000621	0.00000621		0.00
		FUEL	Sep 24				(64.90)	0.00000621	0.00000621		0.00
		PROCESSING	Sep 24				(117.76)	0.00000621	0.00000621		0.00
		ROYALTY INTEREST	Oct 24	1.0910	541.00	1.80	974.53	0.00000621	0.00000621	0.00	0.01
		AD VALOREM TAX	Oct 24				(58.47)	0.00000621	0.00000621		0.00
		RIMROCK GATH/PROC	Oct 24				(617.30)	0.00000621	0.00000621		0.00
		CONSERVATION TAX	Oct 24				(1.46)	0.00000621	0.00000621		0.00
		PWH EXP CREDIT TO RI/OR	Oct 24				308.65	0.00000621	0.00000621		0.00

			Property Values						Owner Share				
	Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value			
	SEVERANCE TAX	Oct 24				(9.75)	0.00000621	0.00000621		0.00			
	ROYALTY INTEREST	Oct 24	1.0740	147.00	2.13	312.48	0.00000621	0.00000621	0.00	0.00			
	AD VALOREM TAX	Oct 24				(18.75)	0.00000621	0.00000621		0.00			
	FRACTIONATION FEE	Oct 24				(4.45)	0.00000621	0.00000621		0.00			
	CONSERVATION TAX	Oct 24				(0.47)	0.00000621	0.00000621		0.00			
	PWH EXP CREDIT TO RI/OR	Oct 24				36.91	0.00000621	0.00000621		0.00			
	SEVERANCE TAX	Oct 24				(3.12)	0.00000621	0.00000621		0.00			
	FUEL	Oct 24				(27.26)	0.00000621	0.00000621		0.00			
	PROCESSING	Oct 24				(46.57)	0.00000621	0.00000621		0.00			
	ROYALTY INTEREST	Nov 24	1.0720	120.00	2.38	285.25	0.00000621	0.00000621	0.00	0.00			
	AD VALOREM TAX	Nov 24				(17.12)	0.00000621	0.00000621		0.00			
	FRACTIONATION FEE	Nov 24				(3.59)	0.00000621	0.00000621		0.00			
	CONSERVATION TAX	Nov 24				(0.43)	0.00000621	0.00000621		0.00			
	PWH EXP CREDIT TO RI/OR	Nov 24				35.33	0.00000621	0.00000621		0.00			
	SEVERANCE TAX	Nov 24				(2.85)	0.00000621	0.00000621		0.00			
	FUEL	Nov 24				(27.97)	0.00000621	0.00000621		0.00			
	PROCESSING	Nov 24				(42.68)	0.00000621	0.00000621		0.00			
	ROYALTY INTEREST	Nov 24	1.0910	1,211.00	1.79	2,171.64	0.00000621	0.00000621	0.01	0.01			
	AD VALOREM TAX	Nov 24		.,		(130.30)	0.00000621	0.00000621		0.00			
	RIMROCK GATH/PROC	Nov 24				(1,387.89)	0.00000621	0.00000621		(0.01)			
	CONSERVATION TAX	Nov 24				(3.26)	0.00000621	0.00000621		0.00			
	PWH EXP CREDIT TO RI/OR	Nov 24				693.95	0.00000621	0.00000621		0.00			
	SEVERANCE TAX	Nov 24				(21.72)	0.00000621	0.00000621		0.00			
	-					,		Total GAS	0.01	0.02			
GAS LEASE USE													
	ROYALTY INTEREST	Sep 24		596.00		0.00	0.00000621	0.00000621	0.00	0.00			
	ROYALTY INTEREST	Oct 24		598.00		0.00	0.00000621	0.00000621	0.00	0.00			
	ROYALTY INTEREST	Nov 24		592.00		0.00	0.00000621	0.00000621	0.00	0.00			
OIL							lotal GA	S LEASE USE	0.00	0.00			
OIL	ROYALTY INTEREST	Oct 24		1,264.07	71.57	90,465.17	0.00000621	0.00000621	0.01	0.56			
	AD VALOREM TAX	Oct 24		,		(5,427.91)	0.00000621	0.00000621		(0.03)			
	CONSERVATION TAX	Oct 24				(135.70)	0.00000621	0.00000621		0.00			
	SEVERANCE TAX	Oct 24				(904.65)	0.00000621	0.00000621		(0.01)			
	ROYALTY INTEREST	Nov 24		1,489.99	69.23	103,158.98	0.00000621	0.00000621	0.01	0.64			
	AD VALOREM TAX	Nov 24		,		(6,189.54)	0.00000621	0.00000621		(0.04)			
	CONSERVATION TAX	Nov 24				(154.74)	0.00000621	0.00000621		0.00			
	SEVERANCE TAX	Nov 24				(1,031.59)	0.00000621	0.00000621		(0.01)			
	ROYALTY INTEREST	Dec 24		1,373.95	69.12	94,965.99	0.00000621	0.00000621	0.01	0.59			
	AD VALOREM TAX	Dec 24		.,0.0.00	552	(5,697.96)	0.00000621	0.00000621	0.0 .	(0.04)			
	CONSERVATION TAX	Dec 24				(142.45)	0.00000621	0.00000621		0.00			
	SEVERANCE TAX	Dec 24				(949.66)	0.00000621	0.00000621		(0.01)			
	OLVEROUNDE IVO	500 24				(040.00)	0.0000021	Total OIL	0.03	1.65			
PRODUCTS									3.00				
	ROYALTY INTEREST	Sep 24		3,253.00	0.57	1,839.53	0.00000621	0.00000621	0.02	0.01			
		Represented Unit of Measu	ire: Gas = MC	Fs. Plant Produ	cts = GAI s Oil	= BBLs							

				Proper	rty Values		Owner Share					
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value		
	AD VALOREM TAX	Sep 24				(110.37)	0.00000621	0.00000621		0.00		
	PWH EXP CREDIT TO RI/OR	Sep 24				298.89	0.00000621	0.00000621		0.00		
	CONSERVATION TAX	Sep 24				(2.76)	0.00000621	0.00000621		0.00		
	PROCESSING	Sep 24				(597.79)	0.00000621	0.00000621		0.00		
	SEVERANCE TAX	Sep 24				(18.40)	0.00000621	0.00000621		0.00		
	ROYALTY INTEREST	Sep 24		3,695.51	0.46	1,706.37	0.00000621	0.00000621	0.02	0.01		
	AD VALOREM TAX	Sep 24				(102.38)	0.00000621	0.00000621		0.00		
	PWH EXP CREDIT TO RI/OR	Sep 24				145.04	0.00000621	0.00000621		0.00		
	CONSERVATION TAX	Sep 24				(2.56)	0.00000621	0.00000621		0.00		
	PROCESSING	Sep 24				(290.08)	0.00000621	0.00000621		0.00		
	SEVERANCE TAX	Sep 24				(17.06)	0.00000621	0.00000621		0.00		
	ROYALTY INTEREST	Oct 24		3,226.00	0.65	2,103.08	0.00000621	0.00000621	0.02	0.01		
	AD VALOREM TAX	Oct 24				(126.18)	0.00000621	0.00000621		0.00		
	PWH EXP CREDIT TO RI/OR	Oct 24				308.65	0.00000621	0.00000621		0.00		
	CONSERVATION TAX	Oct 24				(3.15)	0.00000621	0.00000621		0.00		
	PROCESSING	Oct 24				(617.30)	0.00000621	0.00000621		0.00		
	SEVERANCE TAX	Oct 24				(21.03)	0.00000621	0.00000621		0.00		
	ROYALTY INTEREST	Oct 24		1,041.52	0.56	581.82	0.00000621	0.00000621	0.01	0.00		
	AD VALOREM TAX	Oct 24				(34.91)	0.00000621	0.00000621		0.00		
	PWH EXP CREDIT TO RI/OR	Oct 24				49.45	0.00000621	0.00000621		0.00		
	CONSERVATION TAX	Oct 24				(0.87)	0.00000621	0.00000621		0.00		
	PROCESSING	Oct 24				(98.91)	0.00000621	0.00000621		0.00		
	SEVERANCE TAX	Oct 24				(5.82)	0.00000621	0.00000621		0.00		
	ROYALTY INTEREST	Nov 24		889.23	0.55	489.65	0.00000621	0.00000621	0.01	0.00		
	AD VALOREM TAX	Nov 24				(29.38)	0.00000621	0.00000621		0.00		
	PWH EXP CREDIT TO RI/OR	Nov 24				41.62	0.00000621	0.00000621		0.00		
	CONSERVATION TAX	Nov 24				(0.73)	0.00000621	0.00000621		0.00		
	PROCESSING	Nov 24				(83.24)	0.00000621	0.00000621		0.00		
	SEVERANCE TAX	Nov 24				(4.90)	0.00000621	0.00000621		0.00		
	ROYALTY INTEREST	Nov 24		7,289.00	0.66	4,823.04	0.00000621	0.00000621	0.05	0.03		
	AD VALOREM TAX	Nov 24				(289.38)	0.00000621	0.00000621		0.00		
	PWH EXP CREDIT TO RI/OR	Nov 24				693.95	0.00000621	0.00000621		0.00		
	CONSERVATION TAX	Nov 24				(7.23)	0.00000621	0.00000621		0.00		
	PROCESSING	Nov 24				(1,387.89)	0.00000621	0.00000621		(0.01)		
	SEVERANCE TAX	Nov 24				(48.23)	0.00000621	0.00000621		0.00		
						· · · · · · · · · · · · · · · · · · ·	Tota	al PRODUCTS	0.13	0.05		
								Total Property		1.72		
Property:	41566 G&D HAN	KS WA-27-28HN, State: C	CO, County: \	WELD								
GAS	DOMETANISTED			(0.055.55)		(0. (22.22)	0.000	0.00000000	(0.22)			
	ROYALTY INTEREST	Apr 24	1.0680	(2,652.00)	1.29	(3,428.90)	0.00000621	0.00000621	(0.02)	(0.02)		
	AD VALOREM TAX	Apr 24				205.73	0.00000621	0.00000621		0.00		
	FRACTIONATION FEE	Apr 24				45.75	0.00000621	0.00000621		0.00		
	OONOED ATION TAX	A O 4										

Apr 24

CONSERVATION TAX

0.00

0.00000621

0.00000621

5.14

·		Prope	rty Values		Owner Share				
Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
PWH EXP CREDIT TO RI/OR	Apr 24				(292.98)	0.00000621	0.00000621		0.00
SEVERANCE TAX	Apr 24				34.29	0.00000621	0.00000621		0.00
FUEL	Apr 24				271.67	0.00000621	0.00000621		0.00
PROCESSING	Apr 24				314.29	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Apr 24	1.0680	6,418.00	-0.16	(1,052.83)	0.00000621	0.00000621	0.04	(0.01)
AD VALOREM TAX	Apr 24				63.17	0.00000621	0.00000621		0.00
FRACTIONATION FEE	Apr 24				(45.75)	0.00000621	0.00000621		0.00
CONSERVATION TAX	Apr 24				1.58	0.00000621	0.00000621		0.00
PWH EXP CREDIT TO RI/OR	Apr 24				(1,947.88)	0.00000621	0.00000621		(0.01)
SEVERANCE TAX	Apr 24				10.53	0.00000621	0.00000621		0.00
FUEL	Apr 24				4,210.06	0.00000621	0.00000621		0.03
PROCESSING	Apr 24				(314.29)	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Sep 24	1.0900	1,400.00	1.70	2,378.71	0.00000621	0.00000621	0.01	0.01
AD VALOREM TAX	Sep 24				(142.72)	0.00000621	0.00000621		0.00
RIMROCK GATH/PROC	Sep 24				(1,555.09)	0.00000621	0.00000621		(0.01)
CONSERVATION TAX	Sep 24				(3.57)	0.00000621	0.00000621		0.00
PWH EXP CREDIT TO RI/OR	Sep 24				777.54	0.00000621	0.00000621		0.00
SEVERANCE TAX	Sep 24				(23.79)	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Sep 24	1.0760	1,381.00	1.50	2,072.05	0.00000621	0.00000621	0.01	0.01
AD VALOREM TAX	Sep 24				(124.32)	0.00000621	0.00000621		0.00
FRACTIONATION FEE	Sep 24				(33.97)	0.00000621	0.00000621		0.00
CONSERVATION TAX	Sep 24				(3.11)	0.00000621	0.00000621		0.00
PWH EXP CREDIT TO RI/OR	Sep 24				237.58	0.00000621	0.00000621		0.00
SEVERANCE TAX	Sep 24				(20.72)	0.00000621	0.00000621		0.00
FUEL	Sep 24				(168.82)	0.00000621	0.00000621		0.00
PROCESSING	Sep 24				(306.34)	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Oct 24	1.0910	2,100.00	1.80	3,779.09	0.00000621	0.00000621	0.01	0.02
AD VALOREM TAX	Oct 24				(226.75)	0.00000621	0.00000621		0.00
RIMROCK GATH/PROC	Oct 24				(2,393.79)	0.00000621	0.00000621		(0.01)
CONSERVATION TAX	Oct 24				(5.67)	0.00000621	0.00000621		0.00
PWH EXP CREDIT TO RI/OR	Oct 24				1,196.90	0.00000621	0.00000621		0.01
SEVERANCE TAX	Oct 24				(37.79)	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Oct 24	1.0740	571.00	2.12	1,211.78	0.00000621	0.00000621	0.00	0.01
AD VALOREM TAX	Oct 24				(72.71)	0.00000621	0.00000621		0.00
FRACTIONATION FEE	Oct 24				(17.27)	0.00000621	0.00000621		0.00
CONSERVATION TAX	Oct 24				(1.82)	0.00000621	0.00000621		0.00
PWH EXP CREDIT TO RI/OR	Oct 24				143.15	0.00000621	0.00000621		0.00
SEVERANCE TAX	Oct 24				(12.12)	0.00000621	0.00000621		0.00
FUEL	Oct 24				(105.72)	0.00000621	0.00000621		0.00
PROCESSING	Oct 24				(180.58)	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Nov 24	1.0720	240.00	2.37	568.34	0.00000621	0.00000621	0.00	0.00
AD VALOREM TAX	Nov 24				(34.10)	0.00000621	0.00000621		0.00
FRACTIONATION FEE	Nov 24				(7.16)	0.00000621	0.00000621		0.00
CONSERVATION TAX	Nov 24				(0.85)	0.00000621	0.00000621		0.00

				Proper	rty Values			Owner Share				
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value		
	PWH EXP CREDIT TO RI/OR	Nov 24				70.39	0.00000621	0.00000621		0.00		
	SEVERANCE TAX	Nov 24				(5.68)	0.00000621	0.00000621		0.00		
	FUEL	Nov 24				(55.73)	0.00000621	0.00000621		0.00		
	PROCESSING	Nov 24				(85.04)	0.00000621	0.00000621		0.00		
	ROYALTY INTEREST	Nov 24	1.0910	2,412.00	1.79	4,326.99	0.00000621	0.00000621	0.01	0.03		
	AD VALOREM TAX	Nov 24				(259.62)	0.00000621	0.00000621		0.00		
	RIMROCK GATH/PROC	Nov 24				(2,765.37)	0.00000621	0.00000621		(0.02)		
	CONSERVATION TAX	Nov 24				(6.49)	0.00000621	0.00000621		0.00		
	PWH EXP CREDIT TO RI/OR	Nov 24				1,382.69	0.00000621	0.00000621		0.01		
	SEVERANCE TAX	Nov 24				(43.27)	0.00000621	0.00000621		0.00		
GAS LEASE USE								Total GAS	0.06	0.05		
GAS LEASE USE	ROYALTY INTEREST	Sep 24		689.00		0.00	0.00000621	0.00000621	0.00	0.00		
	ROYALTY INTEREST	Oct 24		703.00		0.00	0.00000621	0.00000621	0.00	0.00		
	ROYALTY INTEREST	Nov 24		676.00		0.00	0.00000621	0.00000621	0.00	0.00		
0"							Total GA	S LEASE USE	0.00	0.00		
OIL	ROYALTY INTEREST	Oct 24		342.02	71.57	24,477.13	0.00000621	0.00000621	0.00	0.15		
	AD VALOREM TAX	Oct 24		012.02	7 1.07	(1,468.63)	0.00000621	0.00000621	0.00	(0.01)		
	CONSERVATION TAX	Oct 24				(36.72)	0.00000621	0.00000621		0.00		
	SEVERANCE TAX	Oct 24				(244.77)	0.00000621	0.00000621		0.00		
	ROYALTY INTEREST	Nov 24		343.00	69.23	23,747.33	0.00000621	0.00000621	0.00	0.15		
	AD VALOREM TAX	Nov 24		040.00	00.20	(1,424.84)	0.00000621	0.00000621	0.00	(0.01)		
	CONSERVATION TAX	Nov 24				(35.62)	0.00000621	0.00000621		0.00		
	SEVERANCE TAX	Nov 24				(237.47)	0.00000621	0.00000621		0.00		
	ROYALTY INTEREST	Dec 24		306.99	69.12	21,218.75	0.00000621	0.00000621	0.00	0.13		
	AD VALOREM TAX	Dec 24		000.00	00.12	(1,273.13)	0.00000621	0.00000621	0.00	(0.01)		
	CONSERVATION TAX	Dec 24				(31.83)	0.00000621	0.00000621		0.00		
	SEVERANCE TAX	Dec 24				(212.19)	0.00000621	0.00000621		0.00		
	OLVEIVANOL IAX	Dec 24				(212.19)	0.00000021	Total OIL	0.00	0.40		
PRODUCTS												
	ROYALTY INTEREST	Apr 24		(10,867.33)	0.51	(5,579.61)	0.00000621	0.00000621	(0.07)	(0.03)		
	AD VALOREM TAX	Apr 24				334.78	0.00000621	0.00000621		0.00		
	PWH EXP CREDIT TO RI/OR	Apr 24				(474.27)	0.00000621	0.00000621		0.00		
	CONSERVATION TAX	Apr 24				8.37	0.00000621	0.00000621		0.00		
	PROCESSING	Apr 24				948.53	0.00000621	0.00000621		0.01		
	SEVERANCE TAX	Apr 24				55.80	0.00000621	0.00000621		0.00		
	ROYALTY INTEREST	Apr 24		10,867.33	0.55	5,971.07	0.00000621	0.00000621	0.07	0.04		
	AD VALOREM TAX	Apr 24				(358.26)	0.00000621	0.00000621		0.00		
	PWH EXP CREDIT TO RI/OR	Apr 24				507.54	0.00000621	0.00000621		0.00		
	CONSERVATION TAX	Apr 24				(8.96)	0.00000621	0.00000621		0.00		
	PROCESSING	Apr 24				(1,015.08)	0.00000621	0.00000621		(0.01)		
	SEVERANCE TAX	Apr 24				(59.71)	0.00000621	0.00000621		0.00		
	ROYALTY INTEREST	Sep 24		8,463.00	0.57	4,785.40	0.00000621	0.00000621	0.05	0.03		
	AD VALOREM TAX	Sep 24				(287.12)	0.00000621	0.00000621		0.00		

Owner

**Owner Share** 

Distribution

	Туре	Production Date	BTU	Volume	Price	Value	Interest	Interest	Volume	Value
	PWH EXP CREDIT TO RI/OR	Sep 24				777.54	0.00000621	0.00000621		0.00
	CONSERVATION TAX	Sep 24				(7.18)	0.00000621	0.00000621		0.00
	PROCESSING	Sep 24				(1,555.09)	0.00000621	0.00000621		(0.01)
	SEVERANCE TAX	Sep 24				(47.85)	0.00000621	0.00000621		0.00
	ROYALTY INTEREST	Sep 24		9,613.57	0.46	4,438.97	0.00000621	0.00000621	0.06	0.03
	AD VALOREM TAX	Sep 24				(266.34)	0.00000621	0.00000621		0.00
	PWH EXP CREDIT TO RI/OR	Sep 24				377.31	0.00000621	0.00000621		0.00
	CONSERVATION TAX	Sep 24				(6.66)	0.00000621	0.00000621		0.00
	PROCESSING	Sep 24				(754.62)	0.00000621	0.00000621		0.00
	SEVERANCE TAX	Sep 24				(44.39)	0.00000621	0.00000621		0.00
	ROYALTY INTEREST	Oct 24		12,510.00	0.65	8,155.48	0.00000621	0.00000621	0.08	0.05
	AD VALOREM TAX	Oct 24				(489.33)	0.00000621	0.00000621		0.00
	PWH EXP CREDIT TO RI/OR	Oct 24				1,196.90	0.00000621	0.00000621		0.01
	CONSERVATION TAX	Oct 24				(12.23)	0.00000621	0.00000621		0.00
	PROCESSING	Oct 24				(2,393.79)	0.00000621	0.00000621		(0.01)
	SEVERANCE TAX	Oct 24				(81.55)	0.00000621	0.00000621		0.00
	ROYALTY INTEREST	Oct 24		4,038.89	0.56	` ,	0.00000621	0.00000621	0.03	0.01
	AD VALOREM TAX	Oct 24				(135.37)	0.00000621	0.00000621		0.00
	PWH EXP CREDIT TO RI/OR	Oct 24				191.78	0.00000621	0.00000621		0.00
	CONSERVATION TAX	Oct 24				(3.38)	0.00000621	0.00000621		0.00
	PROCESSING	Oct 24				(383.56)	0.00000621	0.00000621		0.00
	SEVERANCE TAX	Oct 24				(22.56)	0.00000621	0.00000621		0.00
	ROYALTY INTEREST	Nov 24		1,771.79	0.55	975.64	0.00000621	0.00000621	0.01	0.01
	AD VALOREM TAX	Nov 24				(58.54)	0.00000621	0.00000621		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				82.93	0.00000621	0.00000621		0.00
	CONSERVATION TAX	Nov 24				(1.46)	0.00000621	0.00000621		0.00
	PROCESSING	Nov 24				(165.86)	0.00000621	0.00000621		0.00
	SEVERANCE TAX	Nov 24				(9.76)	0.00000621	0.00000621		0.00
	ROYALTY INTEREST	Nov 24		14,524.00	0.66	9,609.90	0.00000621	0.00000621	0.09	0.06
	AD VALOREM TAX	Nov 24				(576.59)	0.00000621	0.00000621		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				1,382.69	0.00000621	0.00000621		0.01
	CONSERVATION TAX	Nov 24				(14.41)	0.00000621	0.00000621		0.00
	PROCESSING	Nov 24				(2,765.37)	0.00000621	0.00000621		(0.02)
	SEVERANCE TAX	Nov 24				(96.10)	0.00000621	0.00000621		0.00
							Tota	al PRODUCTS	0.32	0.18
							-	Total Property		0.63
Property: 41567	G&D HAN	IKS X-27-28HN, State: CO	, County: WE	ELD						
GAS										
	ROYALTY INTEREST	Apr 24	1.0680	(1,484.00)	1.29	(1,918.96)	0.00000621	0.00000621	(0.01)	(0.01)
	AD VALOREM TAX	Apr 24				115.14	0.00000621	0.00000621		0.00
	FRACTIONATION FEE	Apr 24				25.60	0.00000621	0.00000621		0.00
	CONSERVATION TAX	Apr 24				2.88	0.00000621	0.00000621		0.00
										0.00

Production

**Property Values** 

		Proper	rty Values		Owner Share				
Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
SEVERANCE TAX	Apr 24				19.19	0.00000621	0.00000621		0.00
FUEL	Apr 24				152.04	0.00000621	0.00000621		0.00
PROCESSING	Apr 24				175.89	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Apr 24	1.0680	3,592.00	-0.16	(589.20)	0.00000621	0.00000621	0.02	0.00
AD VALOREM TAX	Apr 24				35.35	0.00000621	0.00000621		0.00
FRACTIONATION FEE	Apr 24				(25.60)	0.00000621	0.00000621		0.00
CONSERVATION TAX	Apr 24				0.88	0.00000621	0.00000621		0.00
PWH EXP CREDIT TO RI/OR	Apr 24				(1,090.11)	0.00000621	0.00000621		(0.01)
SEVERANCE TAX	Apr 24				5.89	0.00000621	0.00000621		0.00
FUEL	Apr 24				2,356.12	0.00000621	0.00000621		0.01
PROCESSING	Apr 24				(175.89)	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Sep 24	1.0900	1,489.00	1.70	2,529.67	0.00000621	0.00000621	0.01	0.02
AD VALOREM TAX	Sep 24				(151.78)	0.00000621	0.00000621		0.00
RIMROCK GATH/PROC	Sep 24				(1,653.78)	0.00000621	0.00000621		(0.01)
CONSERVATION TAX	Sep 24				(3.79)	0.00000621	0.00000621		0.00
PWH EXP CREDIT TO RI/OR	Sep 24				826.89	0.00000621	0.00000621		0.01
SEVERANCE TAX	Sep 24				(25.30)	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Sep 24	1.0760	1,469.00	1.50	2,203.55	0.00000621	0.00000621	0.01	0.01
AD VALOREM TAX	Sep 24				(132.21)	0.00000621	0.00000621		0.00
FRACTIONATION FEE	Sep 24				(36.12)	0.00000621	0.00000621		0.00
CONSERVATION TAX	Sep 24				(3.31)	0.00000621	0.00000621		0.00
PWH EXP CREDIT TO RI/OR	Sep 24				252.66	0.00000621	0.00000621		0.00
SEVERANCE TAX	Sep 24				(22.04)	0.00000621	0.00000621		0.00
FUEL	Sep 24				(179.54)	0.00000621	0.00000621		0.00
PROCESSING	Sep 24				(325.79)	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Oct 24	1.0910	2,307.00	1.80	4,152.64	0.00000621	0.00000621	0.01	0.03
AD VALOREM TAX	Oct 24				(249.16)	0.00000621	0.00000621		0.00
RIMROCK GATH/PROC	Oct 24				(2,630.41)	0.00000621	0.00000621		(0.02)
CONSERVATION TAX	Oct 24				(6.23)	0.00000621	0.00000621		0.00
PWH EXP CREDIT TO RI/OR	Oct 24				1,315.20	0.00000621	0.00000621		0.01
SEVERANCE TAX	Oct 24				(41.53)	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Oct 24	1.0740	628.00	2.12	1,331.55	0.00000621	0.00000621	0.00	0.01
AD VALOREM TAX	Oct 24				(79.89)	0.00000621	0.00000621		0.00
FRACTIONATION FEE	Oct 24				(18.98)	0.00000621	0.00000621		0.00
CONSERVATION TAX	Oct 24				(2.00)	0.00000621	0.00000621		0.00
PWH EXP CREDIT TO RI/OR	Oct 24				157.29	0.00000621	0.00000621		0.00
SEVERANCE TAX	Oct 24				(13.32)	0.00000621	0.00000621		0.00
FUEL	Oct 24				(116.16)	0.00000621	0.00000621		0.00
PROCESSING	Oct 24				(198.42)	0.00000621	0.00000621		0.00
ROYALTY INTEREST	Nov 24	1.0720	239.00	2.37	566.21	0.00000621	0.00000621	0.00	0.00
AD VALOREM TAX	Nov 24				(33.97)	0.00000621	0.00000621		0.00
FRACTIONATION FEE	Nov 24				(7.13)	0.00000621	0.00000621		0.00
CONSERVATION TAX	Nov 24				(0.85)	0.00000621	0.00000621		0.00
PWH EXP CREDIT TO RI/OR	Nov 24				70.12	0.00000621	0.00000621		0.00

				Prope	rty Values		Owner Share				
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
	SEVERANCE TAX	Nov 24				(5.66)	0.00000621	0.00000621		0.00	
	FUEL	Nov 24				(55.52)	0.00000621	0.00000621		0.00	
	PROCESSING	Nov 24				(84.72)	0.00000621	0.00000621		0.00	
	ROYALTY INTEREST	Nov 24	1.0910	2,403.00	1.79	4,310.70	0.00000621	0.00000621	0.01	0.03	
	AD VALOREM TAX	Nov 24				(258.64)	0.00000621	0.00000621		0.00	
	RIMROCK GATH/PROC	Nov 24				(2,754.97)	0.00000621	0.00000621		(0.02)	
	CONSERVATION TAX	Nov 24				(6.47)	0.00000621	0.00000621		0.00	
	PWH EXP CREDIT TO RI/OR	Nov 24				1,377.48	0.00000621	0.00000621		0.01	
	SEVERANCE TAX	Nov 24				(43.11)	0.00000621	0.00000621		0.00	
GAS LEASE USE		1					I	Total GAS	0.05	0.07	
ONO ELMOL GOL	ROYALTY INTEREST	Sep 24		496.00		0.00	0.00000621	0.00000621	0.00	0.00	
	ROYALTY INTEREST	Oct 24		510.00		0.00	0.00000621	0.00000621	0.00	0.00	
	ROYALTY INTEREST	Nov 24		478.00		0.00	0.00000621	0.00000621	0.00	0.00	
							Total GA	S LEASE USE	0.00	0.00	
OIL	ROYALTY INTEREST	Oct 24		570.03	71.57	40,795.21	0.00000621	0.00000621	0.00	0.25	
	AD VALOREM TAX	Oct 24				(2,447.71)	0.00000621	0.00000621		(0.02)	
	CONSERVATION TAX	Oct 24				(61.19)	0.00000621	0.00000621		0.00	
	SEVERANCE TAX	Oct 24				(407.95)	0.00000621	0.00000621		0.00	
	ROYALTY INTEREST	Nov 24		543.99	69.24	37,663.41	0.00000621	0.00000621	0.00	0.23	
	AD VALOREM TAX	Nov 24				(2,259.80)	0.00000621	0.00000621		(0.01)	
	CONSERVATION TAX	Nov 24				(56.50)	0.00000621	0.00000621		0.00	
	SEVERANCE TAX	Nov 24				(376.63)	0.00000621	0.00000621		0.00	
	ROYALTY INTEREST	Dec 24		457.98	69.12	31,655.33	0.00000621	0.00000621	0.00	0.20	
	AD VALOREM TAX	Dec 24				(1,899.32)	0.00000621	0.00000621		(0.01)	
	CONSERVATION TAX	Dec 24				(47.48)	0.00000621	0.00000621		0.00	
	SEVERANCE TAX	Dec 24				(316.55)	0.00000621	0.00000621		0.00	
								Total OIL	0.00	0.64	
PRODUCTS	ROYALTY INTEREST	Apr 24		(6,081.81)	0.51	(3,122.58)	0.00000621	0.00000621	(0.04)	(0.02)	
	AD VALOREM TAX	Apr 24		(0,001.01)	0.0.	187.35	0.00000621	0.00000621	(0.0.)	0.00	
	PWH EXP CREDIT TO RI/OR	Apr 24				(265.42)	0.00000621	0.00000621		0.00	
	CONSERVATION TAX	Apr 24				4.68	0.00000621	0.00000621		0.00	
	PROCESSING	Apr 24				530.84	0.00000621	0.00000621		0.00	
	SEVERANCE TAX	Apr 24				31.23	0.00000621	0.00000621		0.00	
	ROYALTY INTEREST	Apr 24		6,081.81	0.55	3,341.66	0.00000621	0.00000621	0.04	0.02	
	AD VALOREM TAX	Apr 24		0,001.01	0.00	(200.50)	0.00000621	0.00000621	0.01	0.00	
	PWH EXP CREDIT TO RI/OR	Apr 24				284.04	0.00000621	0.00000621		0.00	
	CONSERVATION TAX	Apr 24				(5.01)	0.00000621	0.00000621		0.00	
	PROCESSING	Apr 24				(568.08)	0.00000621	0.00000621		0.00	
	SEVERANCE TAX	Apr 24				(33.42)	0.00000621	0.00000621		0.00	
	ROYALTY INTEREST	Sep 24		9,000.00	0.57	5,089.10	0.00000621	0.00000621	0.06	0.00	
	AD VALOREM TAX	Sep 24		0,000.00	5.57	(305.35)	0.00000621	0.00000621	0.00	0.00	
	PWH EXP CREDIT TO RI/OR	Sep 24				826.89	0.00000621	0.00000621		0.00	
	I WITEAF ONLDIT TO MIJOR	3ep 24				020.09	0.00000021	0.00000021		0.01	

Check Number	ACH43080

			Property Values						Owner Share				
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value			
	CONSERVATION TAX	Sep 24				(7.63)	0.00000621	0.00000621		0.00			
	PROCESSING	Sep 24				(1,653.78)	0.00000621	0.00000621		(0.01)			
	SEVERANCE TAX	Sep 24				(50.89)	0.00000621	0.00000621		0.00			
	ROYALTY INTEREST	Sep 24		10,223.68	0.46	4,720.68	0.00000621	0.00000621	0.06	0.03			
	AD VALOREM TAX	Sep 24				(283.24)	0.00000621	0.00000621		0.00			
	PWH EXP CREDIT TO RI/OR	Sep 24				401.26	0.00000621	0.00000621		0.00			
	CONSERVATION TAX	Sep 24				(7.08)	0.00000621	0.00000621		0.00			
	PROCESSING	Sep 24				(802.52)	0.00000621	0.00000621		0.00			
	SEVERANCE TAX	Sep 24				(47.21)	0.00000621	0.00000621		0.00			
	ROYALTY INTEREST	Oct 24		13,746.00	0.65	8,961.62	0.00000621	0.00000621	0.09	0.06			
	AD VALOREM TAX	Oct 24				(537.70)	0.00000621	0.00000621		0.00			
	PWH EXP CREDIT TO RI/OR	Oct 24				1,315.20	0.00000621	0.00000621		0.01			
	CONSERVATION TAX	Oct 24				(13.44)	0.00000621	0.00000621		0.00			
	PROCESSING	Oct 24				(2,630.41)	0.00000621	0.00000621		(0.02)			
	SEVERANCE TAX	Oct 24				(89.62)	0.00000621	0.00000621		0.00			
	ROYALTY INTEREST	Oct 24		4,438.12	0.56	2,479.24	0.00000621	0.00000621	0.03	0.02			
	AD VALOREM TAX	Oct 24		,		(148.75)	0.00000621	0.00000621		0.00			
	PWH EXP CREDIT TO RI/OR	Oct 24				210.74	0.00000621	0.00000621		0.00			
	CONSERVATION TAX	Oct 24				(3.72)	0.00000621	0.00000621		0.00			
	PROCESSING	Oct 24				(421.47)	0.00000621	0.00000621		0.00			
	SEVERANCE TAX	Oct 24				(24.79)	0.00000621	0.00000621		0.00			
	ROYALTY INTEREST	Nov 24		1,765.12	0.55	971.96	0.00000621	0.00000621	0.01	0.01			
	AD VALOREM TAX	Nov 24		.,	0.00	(58.32)	0.00000621	0.00000621	0.0.	0.00			
	PWH EXP CREDIT TO RI/OR	Nov 24				82.62	0.00000621	0.00000621		0.00			
	CONSERVATION TAX	Nov 24				(1.46)	0.00000621	0.00000621		0.00			
	PROCESSING	Nov 24				(165.23)	0.00000621	0.00000621		0.00			
	SEVERANCE TAX	Nov 24				(9.72)	0.00000621	0.00000621		0.00			
	ROYALTY INTEREST	Nov 24		14,469.00	0.66	9,573.73	0.00000621	0.00000621	0.09	0.06			
	AD VALOREM TAX	Nov 24		,	0.00	(574.42)	0.00000621	0.00000621	0.00	0.00			
	PWH EXP CREDIT TO RI/OR	Nov 24				1,377.48	0.00000621	0.00000621		0.01			
	CONSERVATION TAX	Nov 24				(14.36)	0.00000621	0.00000621		0.00			
	PROCESSING	Nov 24				(2,754.97)	0.00000621	0.00000621		(0.02)			
	SEVERANCE TAX	Nov 24				(95.74)	0.00000621	0.00000621		0.00			
	CEVER WHOLE IN DR	1107 21				(00.11)		al PRODUCTS	0.34	0.19			
								Total Property	0.04	0.90			
Property: 41751	HESTER	FARMS II A-31-32HN, Stat	e: CO, Count	y: WELD									
GAS													
	ROYALTY INTEREST	Sep 24	1.0900	1.00	1.32	1.32	0.00001398	0.00001398	0.00	0.00			
	AD VALOREM TAX	Sep 24				(80.0)	0.00001398	0.00001398		0.00			
	RIMROCK GATH/PROC	Sep 24				(0.83)	0.00001398	0.00001398		0.00			
	SEVERANCE TAX	Sep 24				(0.01)	0.00001398	0.00001398		0.00			
	PWH EXP CREDIT TO RI/OR	Sep 24				0.41	0.00001398	0.00001398		0.00			

			Prope		Owner Share					
	Туре	Production Date	ВТИ	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	AD VALOREM TAX	Sep 24				(98.35)	0.00001398	0.00001398		0.00
	FRACTIONATION FEE	Sep 24				(23.55)	0.00001398	0.00001398		0.00
	CONSERVATION TAX	Sep 24				(2.46)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Sep 24				173.62	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Sep 24				(16.39)	0.00001398	0.00001398		0.00
	FUEL	Sep 24				(137.46)	0.00001398	0.00001398		0.00
	PROCESSING	Sep 24				(209.78)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Oct 24	1.0910	144.00	1.80	259.25	0.00001398	0.00001398	0.00	0.00
	AD VALOREM TAX	Oct 24				(15.56)	0.00001398	0.00001398		0.00
	RIMROCK GATH/PROC	Oct 24				(157.60)	0.00001398	0.00001398		0.00
	CONSERVATION TAX	Oct 24				(0.39)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Oct 24				78.80	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Oct 24				(2.59)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Oct 24	1.1310	909.00	2.22	2,016.80	0.00001398	0.00001398	0.01	0.03
	AD VALOREM TAX	Oct 24				(121.01)	0.00001398	0.00001398		0.00
	FRACTIONATION FEE	Oct 24				(25.16)	0.00001398	0.00001398		0.00
	CONSERVATION TAX	Oct 24				(3.03)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Oct 24				218.19	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Oct 24				(20.17)	0.00001398	0.00001398		0.00
	FUEL	Oct 24				(175.73)	0.00001398	0.00001398		0.00
	PROCESSING	Oct 24				(260.64)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Nov 24	1.1310	788.00	2.47	1,950.13	0.00001398	0.00001398	0.01	0.03
	AD VALOREM TAX	Nov 24				(117.01)	0.00001398	0.00001398		0.00
	FRACTIONATION FEE	Nov 24				(21.46)	0.00001398	0.00001398		0.00
	CONSERVATION TAX	Nov 24				(2.93)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				217.94	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Nov 24				(19.50)	0.00001398	0.00001398		0.00
	FUEL	Nov 24				(181.72)	0.00001398	0.00001398		0.00
	PROCESSING	Nov 24				(254.17)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Nov 24	1.0910	234.00	1.80	422.28	0.00001398	0.00001398	0.00	0.01
	AD VALOREM TAX	Nov 24				(25.34)	0.00001398	0.00001398		0.00
	RIMROCK GATH/PROC	Nov 24				(267.80)	0.00001398	0.00001398		0.00
	CONSERVATION TAX	Nov 24				(0.63)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				133.90	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Nov 24				(4.22)	0.00001398	0.00001398		0.00
							1	Total GAS	0.03	0.09
GAS LEASE USE	ROYALTY INTEREST	Sep 24		829.00		0.00	0.00001398	0.00001398	0.01	0.00
	ROYALTY INTEREST	Oct 24		862.00		0.00	0.00001398	0.00001398	0.01	0.00
	ROYALTY INTEREST	Nov 24		810.00		0.00	0.00001398	0.00001398	0.01	0.00
							Total GA	S LEASE USE	0.03	0.00
OIL	DOVALTY INTEDEST	Oct 24		212.01	71 57	22 404 42	0.00001309	0.00001200	0.00	0.24
	ROYALTY INTEREST  AD VALOREM TAX	Oct 24 Oct 24		313.01	71.57	22,401.42	0.00001398 0.00001398	0.00001398 0.00001398	0.00	0.31
	AD VALOREIVI IAX	Oct 24				(1,344.09)	0.00001398	0.00001396		(0.02)

			Prope	Owner Share						
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	CONSERVATION TAX	Oct 24				(33.60)	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Oct 24				(224.01)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Nov 24		367.99	69.24	25,477.87	0.00001398	0.00001398	0.01	0.36
	AD VALOREM TAX	Nov 24				(1,528.67)	0.00001398	0.00001398		(0.02)
	CONSERVATION TAX	Nov 24				(38.22)	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Nov 24				(254.78)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Dec 24		305.99	69.12	21,150.06	0.00001398	0.00001398	0.00	0.30
	AD VALOREM TAX	Dec 24				(1,269.00)	0.00001398	0.00001398		(0.02)
	CONSERVATION TAX	Dec 24				(31.73)	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Dec 24				(211.50)	0.00001398	0.00001398		0.00
PRODUCTS								Total OIL	0.01	0.91
	ROYALTY INTEREST	Sep 24		5.00	0.79	3.96	0.00001398	0.00001398	0.00	0.00
	AD VALOREM TAX	Sep 24				(0.24)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Sep 24				0.41	0.00001398	0.00001398		0.00
	CONSERVATION TAX	Sep 24				(0.01)	0.00001398	0.00001398		0.00
	PROCESSING	Sep 24				(0.83)	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Sep 24				(0.04)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Sep 24		6,009.65	0.48	2,909.34	0.00001398	0.00001398	0.08	0.04
	AD VALOREM TAX	Sep 24				(174.56)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Sep 24				432.04	0.00001398	0.00001398		0.01
	CONSERVATION TAX	Sep 24				(4.36)	0.00001398	0.00001398		0.00
	PROCESSING	Sep 24				(864.07)	0.00001398	0.00001398		(0.01)
	SEVERANCE TAX	Sep 24				(29.09)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Oct 24		768.00	0.61	466.07	0.00001398	0.00001398	0.01	0.01
	AD VALOREM TAX	Oct 24				(27.96)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Oct 24				78.80	0.00001398	0.00001398		0.00
	CONSERVATION TAX	Oct 24				(0.70)	0.00001398	0.00001398		0.00
	PROCESSING	Oct 24				(157.60)	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Oct 24				(4.66)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Oct 24		5,310.18	0.58	3,099.86	0.00001398	0.00001398	0.07	0.04
	AD VALOREM TAX	Oct 24				(185.99)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Oct 24				460.33	0.00001398	0.00001398		0.01
	CONSERVATION TAX	Oct 24				(4.65)	0.00001398	0.00001398		0.00
	PROCESSING	Oct 24				(920.66)	0.00001398	0.00001398		(0.01)
	SEVERANCE TAX	Oct 24				(31.00)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Nov 24		4,765.00	0.58	2,758.96	0.00001398	0.00001398	0.07	0.04
	AD VALOREM TAX	Nov 24				(165.54)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				409.70	0.00001398	0.00001398		0.01
	CONSERVATION TAX	Nov 24				(4.14)	0.00001398	0.00001398		0.00
	PROCESSING	Nov 24				(819.41)	0.00001398	0.00001398		(0.01)
	SEVERANCE TAX	Nov 24				(27.59)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Nov 24		1,394.00	0.64	889.23	0.00001398	0.00001398	0.02	0.01
	AD VALOREM TAX	Nov 24				(53.35)	0.00001398	0.00001398		0.00

				Property Values						Owner Share				
		Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value			
		PWH EXP CREDIT TO RI/OR	Nov 24				133.90	0.00001398	0.00001398		0.00			
		CONSERVATION TAX	Nov 24				(1.33)	0.00001398	0.00001398		0.00			
		PROCESSING	Nov 24				(267.80)	0.00001398	0.00001398		0.00			
		SEVERANCE TAX	Nov 24				(8.89)	0.00001398	0.00001398		0.00			
			'					Tota	al PRODUCTS	0.25	0.14			
								•	Total Property		1.14			
Property:	41752	HESTE	R FARMS II B-31-32HN, Sta	te: CO, Count	y: WELD									
GAS		DOVALTANITEDEOT	0 04	4 0000	4.00	2.22	0.00	0.0004000	0.00004000	0.00				
		ROYALTY INTEREST	Sep 24	1.0900	1.00	2.08	2.08	0.00001398	0.00001398	0.00	0.00			
		AD VALOREM TAX	Sep 24				(0.12)	0.00001398	0.00001398		0.00			
		RIMROCK GATH/PROC	Sep 24				(1.30)	0.00001398	0.00001398		0.00			
		SEVERANCE TAX	Sep 24				(0.02)	0.00001398	0.00001398		0.00			
		PWH EXP CREDIT TO RI/OR	Sep 24				0.65	0.00001398	0.00001398		0.00			
		ROYALTY INTEREST	Sep 24	1.1310	1,645.00	1.57	2,584.96	0.00001398	0.00001398	0.02	0.04			
		AD VALOREM TAX	Sep 24				(155.10)	0.00001398	0.00001398		0.00			
		FRACTIONATION FEE	Sep 24				(37.13)	0.00001398	0.00001398		0.00			
		CONSERVATION TAX	Sep 24				(3.88)	0.00001398	0.00001398		0.00			
		PWH EXP CREDIT TO RI/OR	Sep 24				273.80	0.00001398	0.00001398		0.00			
		SEVERANCE TAX	Sep 24				(25.85)	0.00001398	0.00001398		0.00			
		FUEL	Sep 24				(216.77)	0.00001398	0.00001398		0.00			
		PROCESSING	Sep 24	4 00 40	227.00	4.00	(330.82)	0.00001398	0.00001398	2.22	0.00			
		ROYALTY INTEREST	Oct 24	1.0910	267.00	1.80	480.67	0.00001398	0.00001398	0.00	0.01			
		AD VALOREM TAX	Oct 24				(28.84)	0.00001398	0.00001398		0.00			
		RIMROCK GATH/PROC	Oct 24				(292.20)	0.00001398	0.00001398		0.00			
		CONSERVATION TAX	Oct 24				(0.72)	0.00001398	0.00001398		0.00			
		PWH EXP CREDIT TO RI/OR	Oct 24				146.10	0.00001398	0.00001398		0.00			
		SEVERANCE TAX	Oct 24				(4.81)	0.00001398	0.00001398		0.00			
		ROYALTY INTEREST	Oct 24	1.1310	1,685.00	2.22	3,739.30	0.00001398	0.00001398	0.02	0.05			
		AD VALOREM TAX	Oct 24				(224.36)	0.00001398	0.00001398		0.00			
		FRACTIONATION FEE	Oct 24				(46.65)	0.00001398	0.00001398		0.00			
		CONSERVATION TAX	Oct 24				(5.61)	0.00001398	0.00001398		0.00			
		PWH EXP CREDIT TO RI/OR	Oct 24				404.54	0.00001398	0.00001398		0.01			
		SEVERANCE TAX	Oct 24				(37.39)	0.00001398	0.00001398		0.00			
		FUEL	Oct 24				(325.82)	0.00001398	0.00001398		0.00			
		PROCESSING	Oct 24				(483.25)	0.00001398	0.00001398		(0.01			
		ROYALTY INTEREST	Nov 24	1.1310	1,298.00	2.47	3,211.80	0.00001398	0.00001398	0.02	0.04			
		AD VALOREM TAX	Nov 24				(192.71)	0.00001398	0.00001398		0.00			
		FRACTIONATION FEE	Nov 24				(35.35)	0.00001398	0.00001398		0.00			
		CONSERVATION TAX	Nov 24				(4.82)	0.00001398	0.00001398		0.00			
		PWH EXP CREDIT TO RI/OR	Nov 24				358.94	0.00001398	0.00001398		0.01			
		SEVERANCE TAX	Nov 24				(32.12)	0.00001398	0.00001398		0.00			
		FUEL	Nov 24				(299.28)	0.00001398	0.00001398		0.00			
		PROCESSING	Nov 24				(418.61)	0.00001398	0.00001398		(0.01)			

			Prope	Owner Share						
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	ROYALTY INTEREST	Nov 24	1.0910	386.00	1.80	695.48	0.00001398	0.00001398	0.01	0.01
	AD VALOREM TAX	Nov 24				(41.73)	0.00001398	0.00001398		0.00
	RIMROCK GATH/PROC	Nov 24				(441.06)	0.00001398	0.00001398		(0.01)
	CONSERVATION TAX	Nov 24				(1.04)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				220.53	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Nov 24				(6.95)	0.00001398	0.00001398		0.00
GAS LEASE USE		1					ı	Total GAS	0.07	0.14
GAS LEASE USE	ROYALTY INTEREST	Sep 24		867.00		0.00	0.00001398	0.00001398	0.01	0.00
	ROYALTY INTEREST	Oct 24		917.00		0.00	0.00001398	0.00001398	0.01	0.00
	ROYALTY INTEREST	Nov 24		847.00		0.00	0.00001398	0.00001398	0.01	0.00
							Total GA	S LEASE USE	0.03	0.00
OIL	ROYALTY INTEREST	Oct 24		307.01	71.57	21,972.00	0.00001398	0.00001398	0.00	0.31
	AD VALOREM TAX	Oct 24				(1,318.32)	0.00001398	0.00001398		(0.02)
	CONSERVATION TAX	Oct 24				(32.96)	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Oct 24				(219.72)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Nov 24		348.99	69.24	24,162.44	0.00001398	0.00001398	0.00	0.34
	AD VALOREM TAX	Nov 24				(1,449.75)	0.00001398	0.00001398		(0.02)
	CONSERVATION TAX	Nov 24				(36.24)	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Nov 24				(241.62)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Dec 24		302.99	69.12	20,942.70	0.00001398	0.00001398	0.00	0.29
	AD VALOREM TAX	Dec 24				(1,256.56)	0.00001398	0.00001398		(0.02)
	CONSERVATION TAX	Dec 24				(31.41)	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Dec 24				(209.43)	0.00001398	0.00001398		0.00
PROPLICTS								Total OIL	0.00	0.88
PRODUCTS	ROYALTY INTEREST	Sep 24		8.00	0.78	6.24	0.00001398	0.00001398	0.00	0.00
	AD VALOREM TAX	Sep 24				(0.37)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Sep 24				0.65	0.00001398	0.00001398		0.00
	CONSERVATION TAX	Sep 24				(0.01)	0.00001398	0.00001398		0.00
	PROCESSING	Sep 24				(1.30)	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Sep 24				(0.06)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Sep 24		9,476.92	0.48	4,587.89	0.00001398	0.00001398	0.13	0.06
	AD VALOREM TAX	Sep 24				(275.27)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Sep 24				681.30	0.00001398	0.00001398		0.01
	CONSERVATION TAX	Sep 24				(6.88)	0.00001398	0.00001398		0.00
	PROCESSING	Sep 24				(1,362.60)	0.00001398	0.00001398		(0.02)
	SEVERANCE TAX	Sep 24				(45.88)	0.00001398	0.00001398		0.00
	ROYALTY INTEREST	Oct 24		1,424.00	0.61	864.13	0.00001398	0.00001398	0.02	0.01
	AD VALOREM TAX	Oct 24				(51.85)	0.00001398	0.00001398		0.00
	PWH EXP CREDIT TO RI/OR	Oct 24				146.10	0.00001398	0.00001398		0.00
	CONSERVATION TAX	Oct 24				(1.30)	0.00001398	0.00001398		0.00
	PROCESSING	Oct 24				(292.20)	0.00001398	0.00001398		0.00
	SEVERANCE TAX	Oct 24				(8.64)	0.00001398	0.00001398		0.00

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**Owner Share** 

AD VALOREM TAX

SEVERANCE TAX

**ROYALTY INTEREST** 

RIMROCK GATH/PROC

PWH EXP CREDIT TO RI/OR

CONSERVATION TAX

		Туре	Production Date	ВТИ	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
		ROYALTY INTEREST	Oct 24		9,845.47	0.58	5,747.37	0.00001398	0.00001398	0.14	0.08
		AD VALOREM TAX	Oct 24				(344.84)	0.00001398	0.00001398		0.00
		PWH EXP CREDIT TO RI/OR	Oct 24				853.48	0.00001398	0.00001398		0.01
		CONSERVATION TAX	Oct 24				(8.62)	0.00001398	0.00001398		0.00
		PROCESSING	Oct 24				(1,706.97)	0.00001398	0.00001398		(0.02)
		SEVERANCE TAX	Oct 24				(57.47)	0.00001398	0.00001398		0.00
		ROYALTY INTEREST	Nov 24		7,847.81	0.58	4,543.92	0.00001398	0.00001398	0.11	0.06
		AD VALOREM TAX	Nov 24				(272.64)	0.00001398	0.00001398		0.00
		PWH EXP CREDIT TO RI/OR	Nov 24				674.77	0.00001398	0.00001398		0.01
		CONSERVATION TAX	Nov 24				(6.82)	0.00001398	0.00001398		0.00
		PROCESSING	Nov 24				(1,349.54)	0.00001398	0.00001398		(0.02)
		SEVERANCE TAX	Nov 24				(45.44)	0.00001398	0.00001398		0.00
		ROYALTY INTEREST	Nov 24		2,296.00	0.64	1,464.55	0.00001398	0.00001398	0.03	0.02
		AD VALOREM TAX	Nov 24				(87.87)	0.00001398	0.00001398		0.00
		PWH EXP CREDIT TO RI/OR	Nov 24				220.53	0.00001398	0.00001398		0.00
		CONSERVATION TAX	Nov 24				(2.20)	0.00001398	0.00001398		0.00
		PROCESSING	Nov 24				(441.06)	0.00001398	0.00001398		(0.01)
		SEVERANCE TAX	Nov 24				(14.65)	0.00001398	0.00001398		0.00
			<u> </u>					Tota	al PRODUCTS	0.43	0.19
								-	Total Property		1.21
Property:	41878	HESTER	FARMS II C-31-32HN, State	: CO, Coun	ty: WELD						
GAS											
		ROYALTY INTEREST	Sep 24	1.0900	2.00	2.09	4.17	0.00002795	0.00002795	0.00	0.00
		AD VALOREM TAX	Sep 24				(0.25)	0.00002795	0.00002795		0.00
		RIMROCK GATH/PROC	Sep 24				(2.62)	0.00002795	0.00002795		0.00
		CONSERVATION TAX	Sep 24				(0.01)	0.00002795	0.00002795		0.00
		PWH EXP CREDIT TO RI/OR	Sep 24				1.31	0.00002795	0.00002795		0.00
		SEVERANCE TAX	Sep 24				(0.04)	0.00002795	0.00002795		0.00
		ROYALTY INTEREST	Sep 24	1.1310	3,306.00	1.57	5,195.50	0.00002795	0.00002795	0.09	0.15
		AD VALOREM TAX	Sep 24				(311.73)	0.00002795	0.00002795		(0.01)
		FRACTIONATION FEE	Sep 24				(74.64)	0.00002795	0.00002795		0.00
		CONSERVATION TAX	Sep 24				(7.79)	0.00002795	0.00002795		0.00
		PWH EXP CREDIT TO RI/OR	Sep 24				550.30	0.00002795	0.00002795		0.02
		SEVERANCE TAX	Sep 24				(51.96)	0.00002795	0.00002795		0.00
		FUEL	Sep 24				(435.68)	0.00002795	0.00002795		(0.01)
		PROCESSING	Sep 24				(664.92)	0.00002795	0.00002795		(0.02)
		ROYALTY INTEREST	Oct 24	1.0910	334.00	1.80	601.65	0.00002795	0.00002795	0.01	0.02
		AD VALODEM TAV	0.101				(00.40)	0.00000705	0.00000705		0.00

**Property Values** 

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			Prope	Owner Share						
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	AD VALOREM TAX	Oct 24				(280.83)	0.00002795	0.00002795		(0.01)
	FRACTIONATION FEE	Oct 24				(58.40)	0.00002795	0.00002795		0.00
	CONSERVATION TAX	Oct 24				(7.02)	0.00002795	0.00002795		0.00
	PWH EXP CREDIT TO RI/OR	Oct 24				506.36	0.00002795	0.00002795		0.01
	SEVERANCE TAX	Oct 24				(46.80)	0.00002795	0.00002795		0.00
	FUEL	Oct 24				(407.83)	0.00002795	0.00002795		(0.01)
	PROCESSING	Oct 24				(604.89)	0.00002795	0.00002795		(0.02)
	ROYALTY INTEREST	Nov 24	1.1310	2,784.00	2.47	6,888.99	0.00002795	0.00002795	80.0	0.19
	AD VALOREM TAX	Nov 24				(413.34)	0.00002795	0.00002795		(0.01)
	FRACTIONATION FEE	Nov 24				(75.81)	0.00002795	0.00002795		0.00
	CONSERVATION TAX	Nov 24				(10.33)	0.00002795	0.00002795		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				769.90	0.00002795	0.00002795		0.02
	SEVERANCE TAX	Nov 24				(68.89)	0.00002795	0.00002795		0.00
	FUEL	Nov 24				(641.93)	0.00002795	0.00002795		(0.02)
	PROCESSING	Nov 24				(897.86)	0.00002795	0.00002795		(0.03)
	ROYALTY INTEREST	Nov 24	1.0910	827.00	1.80	1,491.72	0.00002795	0.00002795	0.02	0.04
	AD VALOREM TAX	Nov 24				(89.50)	0.00002795	0.00002795		0.00
	RIMROCK GATH/PROC	Nov 24				(946.01)	0.00002795	0.00002795		(0.03)
	CONSERVATION TAX	Nov 24				(2.24)	0.00002795	0.00002795		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				473.01	0.00002795	0.00002795		0.01
	SEVERANCE TAX	Nov 24				(14.92)	0.00002795	0.00002795		0.00
GAS LEASE USE								Total GAS	0.26	0.42
	ROYALTY INTEREST	Sep 24		805.00		0.00	0.00002795	0.00002795	0.02	0.00
	ROYALTY INTEREST	Oct 24		828.00		0.00	0.00002795	0.00002795	0.02	0.00
	ROYALTY INTEREST	Nov 24		805.00		0.00	0.00002795	0.00002795	0.02	0.00
OIL							Total GA	S LEASE USE	0.06	0.00
OIL	ROYALTY INTEREST	Oct 24		588.03	71.57	42,083.19	0.00002795	0.00002795	0.02	1.18
	AD VALOREM TAX	Oct 24				(2,524.99)	0.00002795	0.00002795		(0.07)
	CONSERVATION TAX	Oct 24				(63.12)	0.00002795	0.00002795		0.00
	SEVERANCE TAX	Oct 24				(420.83)	0.00002795	0.00002795		(0.01)
	ROYALTY INTEREST	Nov 24		583.99	69.23	40,432.28	0.00002795	0.00002795	0.02	1.13
	AD VALOREM TAX	Nov 24				(2,425.94)	0.00002795	0.00002795		(0.07)
	CONSERVATION TAX	Nov 24				(60.65)	0.00002795	0.00002795		0.00
	SEVERANCE TAX	Nov 24				(404.32)	0.00002795	0.00002795		(0.01)
	ROYALTY INTEREST	Dec 24		538.99	69.12	37,254.51	0.00002795	0.00002795	0.02	1.04
	AD VALOREM TAX	Dec 24				(2,235.27)	0.00002795	0.00002795		(0.06)
	CONSERVATION TAX	Dec 24				(55.88)	0.00002795	0.00002795		0.00
	SEVERANCE TAX	Dec 24				(372.55)	0.00002795	0.00002795		(0.01)
								Total OIL	0.06	3.12
PRODUCTS	ROYALTY INTEREST	Sep 24		17.00	0.74	12.54	0.00002795	0.00002795	0.00	0.00
	AD VALOREM TAX	Sep 24			3., 1	(0.75)	0.00002795	0.00002795	0.00	0.00
	PWH EXP CREDIT TO RI/OR	Sep 24				1.31	0.00002795	0.00002795		0.00
		Penresented Unit of Measu	C N40	CEs Diant Dr	-4 041 - 031		0.00002193	0.00002730		0.00

				Proper	rty Values		Owner Share				
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
	CONSERVATION TAX	Sep 24				(0.02)	0.00002795	0.00002795		0.00	
	PROCESSING	Sep 24				(2.62)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Sep 24				(0.13)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Sep 24		19,047.67	0.48	9,221.21	0.00002795	0.00002795	0.53	0.26	
	AD VALOREM TAX	Sep 24				(553.27)	0.00002795	0.00002795		(0.02)	
	PWH EXP CREDIT TO RI/OR	Sep 24				1,369.35	0.00002795	0.00002795		0.04	
	CONSERVATION TAX	Sep 24				(13.83)	0.00002795	0.00002795		0.00	
	PROCESSING	Sep 24				(2,738.70)	0.00002795	0.00002795		(0.08)	
	SEVERANCE TAX	Sep 24				(92.21)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Oct 24		1,782.00	0.61	1,081.62	0.00002795	0.00002795	0.05	0.03	
	AD VALOREM TAX	Oct 24				(64.90)	0.00002795	0.00002795		0.00	
	PWH EXP CREDIT TO RI/OR	Oct 24				182.87	0.00002795	0.00002795		0.01	
	CONSERVATION TAX	Oct 24				(1.62)	0.00002795	0.00002795		0.00	
	PROCESSING	Oct 24				(365.74)	0.00002795	0.00002795		(0.01)	
	SEVERANCE TAX	Oct 24				(10.82)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Oct 24		12,323.56	0.58	7,193.97	0.00002795	0.00002795	0.34	0.20	
	AD VALOREM TAX	Oct 24		.2,020.00	0.00	(431.64)	0.00002795	0.00002795	0.0 .	(0.01)	
	PWH EXP CREDIT TO RI/OR	Oct 24				1,068.30	0.00002795	0.00002795		0.03	
	CONSERVATION TAX	Oct 24				(10.79)	0.00002795	0.00002795		0.00	
	PROCESSING	Oct 24				(2,136.61)	0.00002795	0.00002795		(0.06)	
	SEVERANCE TAX	Oct 24				(71.94)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Nov 24		16,832.72	0.58	9,746.22	0.00002795	0.00002795	0.47	0.27	
	AD VALOREM TAX	Nov 24		.0,0022	0.00	(584.77)	0.00002795	0.00002795	<b></b>	(0.02)	
	PWH EXP CREDIT TO RI/OR	Nov 24				1,447.31	0.00002795	0.00002795		0.04	
	CONSERVATION TAX	Nov 24				(14.62)	0.00002795	0.00002795		0.00	
	PROCESSING	Nov 24				(2,894.63)	0.00002795	0.00002795		(0.08)	
	SEVERANCE TAX	Nov 24				(97.46)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Nov 24		4,926.00	0.64	3,141.29	0.00002795	0.00002795	0.14	0.09	
	AD VALOREM TAX	Nov 24		1,020.00	0.01	(188.48)	0.00002795	0.00002795	0.11	(0.01)	
	PWH EXP CREDIT TO RI/OR	Nov 24				473.01	0.00002795	0.00002795		0.01	
	CONSERVATION TAX	Nov 24				(4.71)	0.00002795	0.00002795		0.00	
	PROCESSING	Nov 24				(946.01)	0.00002795	0.00002795		(0.03)	
	SEVERANCE TAX	Nov 24				(31.41)	0.00002795	0.00002795		0.00	
	CEVERANCE INVO	1407 24				(01.71)		al PRODUCTS	1.53	0.66	
								Total Property	1.00	4.20	
Property: 41879	HESTER	FARMS II D-31-32HC, State	e: CO, Count	y: WELD							
GAS											
	ROYALTY INTEREST	Apr 24	1.1350	(6,119.00)	1.37	(8,373.26)	0.00002795	0.00002795	(0.17)	(0.23)	
	AD VALOREM TAX	Apr 24				502.40	0.00002795	0.00002795		0.01	
	GATHERING - NOBLE	Apr 24				(121.76)	0.00002795	0.00002795		0.00	
	CONSERVATION TAX	Apr 24				12.56	0.00002795	0.00002795		0.00	
	FRACTIONATION FEE	Apr 24				104.86	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Apr 24				83.73	0.00002795	0.00002795		0.00	

			Prope	Property Values			Owner Share			
Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
PWH EXP CREDIT TO RI/OR	Apr 24				(610.97)	0.00002795	0.00002795		(0.02)	
FUEL	Apr 24				663.56	0.00002795	0.00002795		0.02	
PROCESSING	Apr 24				680.14	0.00002795	0.00002795		0.02	
ROYALTY INTEREST	Apr 24	1.1350	11,999.00	0.08	936.95	0.00002795	0.00002795	0.34	0.03	
AD VALOREM TAX	Apr 24				(56.22)	0.00002795	0.00002795		0.00	
GATHERING - NOBLE	Apr 24				121.76	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Apr 24				(1.41)	0.00002795	0.00002795		0.00	
FRACTIONATION FEE	Apr 24				(104.86)	0.00002795	0.00002795		0.00	
SEVERANCE TAX	Apr 24				(9.37)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Apr 24				(3,107.19)	0.00002795	0.00002795		(0.09)	
FUEL	Apr 24				6,772.75	0.00002795	0.00002795		0.19	
PROCESSING	Apr 24				(680.14)	0.00002795	0.00002795		(0.02)	
ROYALTY INTEREST	Sep 24	1.0900	3.00	1.62	4.87	0.00002795	0.00002795	0.00	0.00	
AD VALOREM TAX	Sep 24				(0.29)	0.00002795	0.00002795		0.00	
RIMROCK GATH/PROC	Sep 24				(3.06)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Sep 24				(0.01)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Sep 24				1.53	0.00002795	0.00002795		0.00	
SEVERANCE TAX	Sep 24				(0.05)	0.00002795	0.00002795		0.00	
ROYALTY INTEREST	Sep 24	1.1310	3,856.00	1.57	6,060.82	0.00002795	0.00002795	0.11	0.17	
AD VALOREM TAX	Sep 24				(363.65)	0.00002795	0.00002795		(0.01)	
FRACTIONATION FEE	Sep 24				(87.07)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Sep 24				(9.09)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Sep 24				641.95	0.00002795	0.00002795		0.02	
SEVERANCE TAX	Sep 24				(60.61)	0.00002795	0.00002795		0.00	
FUEL	Sep 24				(508.25)	0.00002795	0.00002795		(0.01)	
PROCESSING	Sep 24				(775.66)	0.00002795	0.00002795		(0.02)	
ROYALTY INTEREST	Oct 24	1.0910	471.00	1.80	848.80	0.00002795	0.00002795	0.01	0.02	
AD VALOREM TAX	Oct 24				(50.93)	0.00002795	0.00002795		0.00	
RIMROCK GATH/PROC	Oct 24				(515.98)	0.00002795	0.00002795		(0.01)	
CONSERVATION TAX	Oct 24				(1.27)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Oct 24				257.99	0.00002795	0.00002795		0.01	
SEVERANCE TAX	Oct 24				(8.49)	0.00002795	0.00002795		0.00	
ROYALTY INTEREST	Oct 24	1.1310	2,975.00	2.22	6,603.17	0.00002795	0.00002795	0.08	0.18	
AD VALOREM TAX	Oct 24				(396.19)	0.00002795	0.00002795		(0.01)	
FRACTIONATION FEE	Oct 24				(82.39)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Oct 24				(9.90)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Oct 24				714.36	0.00002795	0.00002795		0.02	
SEVERANCE TAX	Oct 24				(66.03)	0.00002795	0.00002795		0.00	
FUEL	Oct 24				(575.36)	0.00002795	0.00002795		(0.02)	
PROCESSING	Oct 24				(853.37)	0.00002795	0.00002795		(0.02)	
ROYALTY INTEREST	Nov 24	1.1310	3,229.00	2.47	7,988.15	0.00002795	0.00002795	0.09	0.22	
AD VALOREM TAX	Nov 24		-,		(479.29)	0.00002795	0.00002795		(0.01)	
FRACTIONATION FEE	Nov 24				(87.91)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Nov 24				(11.98)	0.00002795	0.00002795		0.00	
CONCENTATION TAX	1107 24				(11.30)	0.00002733	J.0000Z130		0.00	

			Proper	Owner Share						
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	PWH EXP CREDIT TO RI/OR	Nov 24				892.74	0.00002795	0.00002795		0.02
	SEVERANCE TAX	Nov 24				(79.88)	0.00002795	0.00002795		0.00
	FUEL	Nov 24				(744.35)	0.00002795	0.00002795		(0.02)
	PROCESSING	Nov 24				(1,041.12)	0.00002795	0.00002795		(0.03)
	ROYALTY INTEREST	Nov 24	1.0910	959.00	1.80	1,729.73	0.00002795	0.00002795	0.03	0.05
	AD VALOREM TAX	Nov 24				(103.78)	0.00002795	0.00002795		0.00
	RIMROCK GATH/PROC	Nov 24				(1,096.95)	0.00002795	0.00002795		(0.03)
	CONSERVATION TAX	Nov 24				(2.59)	0.00002795	0.00002795		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				548.48	0.00002795	0.00002795		0.02
	SEVERANCE TAX	Nov 24				(17.30)	0.00002795	0.00002795		0.00
GAS LEASE USE								Total GAS	0.49	0.45
ONO ELMOL GGE	ROYALTY INTEREST	Sep 24		833.00		0.00	0.00002795	0.00002795	0.02	0.00
	ROYALTY INTEREST	Oct 24		797.00		0.00	0.00002795	0.00002795	0.02	0.00
	ROYALTY INTEREST	Nov 24		834.00		0.00	0.00002795	0.00002795	0.02	0.00
OIL							Total GA	S LEASE USE	0.06	0.00
OIL	ROYALTY INTEREST	Oct 24		1,317.06	71.57	94,257.75	0.00002795	0.00002795	0.04	2.63
	AD VALOREM TAX	Oct 24				(5,655.47)	0.00002795	0.00002795		(0.16)
	CONSERVATION TAX	Oct 24				(141.39)	0.00002795	0.00002795		0.00
	SEVERANCE TAX	Oct 24				(942.58)	0.00002795	0.00002795		(0.03)
	ROYALTY INTEREST	Nov 24		1,643.96	69.24	113,819.63	0.00002795	0.00002795	0.05	3.18
	AD VALOREM TAX	Nov 24		.,		(6,829.18)	0.00002795	0.00002795		(0.19)
	CONSERVATION TAX	Nov 24				(170.73)	0.00002795	0.00002795		0.00
	SEVERANCE TAX	Nov 24				(1,138.20)	0.00002795	0.00002795		(0.03)
	ROYALTY INTEREST	Dec 24		1,539.97	69.12	106,441.47	0.00002795	0.00002795	0.04	2.98
	AD VALOREM TAX	Dec 24		.,000.07	002	(6,386.49)	0.00002795	0.00002795	0.0.	(0.18)
	CONSERVATION TAX	Dec 24				(159.66)	0.00002795	0.00002795		0.00
	SEVERANCE TAX	Dec 24				(1,064.41)	0.00002795	0.00002795		(0.03)
	CEVERUMOE II V	50021				(1,001.11)	0.00002700	Total OIL	0.13	8.17
PRODUCTS										
	ROYALTY INTEREST	Apr 24		(22,416.77)	0.52	(11,582.69)	0.00002795	0.00002795	(0.63)	(0.32)
	AD VALOREM TAX	Apr 24				694.96	0.00002795	0.00002795		0.02
	PWH EXP CREDIT TO RI/OR	Apr 24				(1,720.03)	0.00002795	0.00002795		(0.05)
	CONSERVATION TAX	Apr 24				17.37	0.00002795	0.00002795		0.00
	PROCESSING	Apr 24				3,440.06	0.00002795	0.00002795		0.10
	SEVERANCE TAX	Apr 24				115.83	0.00002795	0.00002795		0.00
	ROYALTY INTEREST	Apr 24		22,416.77	0.55	12,364.00	0.00002795	0.00002795	0.63	0.35
	AD VALOREM TAX	Apr 24				(741.84)	0.00002795	0.00002795		(0.02)
	PWH EXP CREDIT TO RI/OR	Apr 24				1,836.05	0.00002795	0.00002795		0.05
	CONSERVATION TAX	Apr 24				(18.55)	0.00002795	0.00002795		0.00
	PROCESSING	Apr 24				(3,672.11)	0.00002795	0.00002795		(0.10)
	SEVERANCE TAX	Apr 24				(123.64)	0.00002795	0.00002795		0.00
	ROYALTY INTEREST	Sep 24		20.00	0.73	14.64	0.00002795	0.00002795	0.00	0.00
	AD VALOREM TAX	Sep 24				(0.88)	0.00002795	0.00002795		0.00

**Owner Share** 

Check Number	ACH43080

				Порс	ity values						
	Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
	PWH EXP CREDIT TO RI/OR	Sep 24				1.53	0.00002795	0.00002795		0.00	
	CONSERVATION TAX	Sep 24				(0.02)	0.00002795	0.00002795		0.00	
	PROCESSING	Sep 24				(3.06)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Sep 24				(0.15)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Sep 24		22,220.05	0.48	10,756.99	0.00002795	0.00002795	0.62	0.30	
	AD VALOREM TAX	Sep 24				(645.42)	0.00002795	0.00002795		(0.02)	
	PWH EXP CREDIT TO RI/OR	Sep 24				1,597.41	0.00002795	0.00002795		0.04	
	CONSERVATION TAX	Sep 24				(16.14)	0.00002795	0.00002795		0.00	
	PROCESSING	Sep 24				(3,194.83)	0.00002795	0.00002795		(0.09)	
	SEVERANCE TAX	Sep 24				(107.57)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Oct 24		2,514.00	0.61	1,525.94	0.00002795	0.00002795	0.07	0.04	
	AD VALOREM TAX	Oct 24		•		(91.56)	0.00002795	0.00002795		0.00	
	PWH EXP CREDIT TO RI/OR	Oct 24				257.99	0.00002795	0.00002795		0.01	
	CONSERVATION TAX	Oct 24				(2.29)	0.00002795	0.00002795		0.00	
	PROCESSING	Oct 24				(515.98)	0.00002795	0.00002795		(0.01)	
	SEVERANCE TAX	Oct 24				(15.26)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Oct 24		17,385.93	0.58	10,149.17	0.00002795	0.00002795	0.49	0.28	
	AD VALOREM TAX	Oct 24		,		(608.95)	0.00002795	0.00002795		(0.02)	
	PWH EXP CREDIT TO RI/OR	Oct 24				1,507.15	0.00002795	0.00002795		0.04	
	CONSERVATION TAX	Oct 24				(15.22)	0.00002795	0.00002795		0.00	
	PROCESSING	Oct 24				(3,014.30)	0.00002795	0.00002795		(80.0)	
	SEVERANCE TAX	Oct 24				(101.49)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Nov 24		19,518.44	0.58	11,301.27	0.00002795	0.00002795	0.55	0.32	
	AD VALOREM TAX	Nov 24		15,515.44	0.00	(678.08)	0.00002795	0.00002795	0.00	(0.02)	
	PWH EXP CREDIT TO RI/OR	Nov 24				1,678.24	0.00002795	0.00002795		0.05	
	CONSERVATION TAX	Nov 24				(16.95)	0.00002795	0.00002795		0.00	
	PROCESSING	Nov 24				(3,356.48)	0.00002795	0.00002795		(0.09)	
	SEVERANCE TAX	Nov 24				(113.01)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Nov 24		5,712.00	0.64	3,642.50	0.00002795	0.00002795	0.16	0.10	
	AD VALOREM TAX	Nov 24		3,7 12.00	0.04	(218.55)	0.00002795	0.00002795	0.10	(0.01)	
	PWH EXP CREDIT TO RI/OR	Nov 24				548.48	0.00002795	0.00002795		0.02	
	CONSERVATION TAX										
		Nov 24				(5.46)	0.00002795	0.00002795		0.00	
	PROCESSING	Nov 24				(1,096.95)	0.00002795 0.00002795	0.00002795		(0.03)	
	SEVERANCE TAX	Nov 24				(36.43)		0.00002795	4.00	0.00	
								al PRODUCTS	1.89	0.86	
								Total Property		9.48	
Property: 41880	HESTER	FARMS II E-31-32HN, Stat	e: CO, Coun	ty: WELD							
GAS											
	ROYALTY INTEREST	Apr 24	1.1350	(1,986.00)	1.37	(2,717.54)	0.00002795	0.00002795	(0.06)	(80.0)	
	AD VALOREM TAX	Apr 24				163.05	0.00002795	0.00002795		0.00	
	GATHERING - NOBLE	Apr 24				(39.52)	0.00002795	0.00002795		0.00	
		•									
	CONSERVATION TAX FRACTIONATION FEE	Apr 24 Apr 24				4.08 34.03	0.00002795 0.00002795	0.00002795 0.00002795		0.00 0.00	

**Property Values** 

SEVERANCE TAX	Owner Share			
PWH EXP CREDIT TO RI/OR	e Value			
FUEL Apr 24 PROCESSING Apr 24 PROCESSING Apr 24 ROYALTY INTEREST Apr 24 Apr 24 ROYALTY INTEREST Apr 24 Apr	0.00			
PROCESSING Apr 24 ROYALTY INTEREST Apr 24 ROYALTY INTEREST Apr 24	(0.01)			
ROYALTY INTEREST Apr 24 AD VALOREM TAX AD VALOREM T	0.01			
AD VALOREM TAX	0.01			
GATHERING - NOBLE Apr 24 CONSERVATION TAX Apr 24 FRACTIONATION FEE Apr 24 SEVERANCE TAX Apr 24 PWH EXP CREDIT TO RI/OR Apr 24 PROCESSING Apr 24 ROYALTY INTEREST Sep 24 ROYALTO RI/OR Sep 24 ROYALTY INTEREST SEP 24 ROYALTY I	0.01			
CONSERVATION TAX	0.00			
FRACTIONATION FEE Apr 24 (34.03) 0.00002795 0.00002795 SEVERANCE TAX Apr 24 (3.04) 0.00002795 0.000	0.00			
SEVERANCE TAX Apr 24 PWH EXP CREDIT TO RI/OR Apr 24 FUEL PROCESSING Apr 24 PROCESSING Apr 24 PROYALTY INTEREST Sep 24 RIMROCK GATH/PROC SEVERANCE TAX Sep 24 PWH EXP CREDIT TO RI/OR Sep 24 ROYALTY INTEREST ROYALTY INTERES	0.00			
PWH EXP CREDIT TO RI/OR	0.00			
FUEL Apr 24 PROCESSING Apr 24 PROCESSING Apr 24 ROYALTY INTEREST Sep 24 AD VALOREM TAX SEP 24 ROYALTY EXPRESE Sep 24 RIMROCK GATH/PROC SEVERANCE TAX SEP 24 PWH EXP CREDIT TO RI/OR AD VALOREM TAX Sep 24 ROYALTY INTEREST ROYALTY INTEREST Sep 24 ROYALTY INTEREST ROYALTY INTEREST Sep 24 ROYALTY INTEREST ROYALTY IN	0.00			
PROCESSING Apr 24 ROYALTY INTEREST Sep 24 AD VALOREM TAX Sep 24 RIMROCK GATH/PROC SEVERANCE TAX PWH EXP CREDIT TO RI/OR ROYALTY INTEREST Sep 24 Sep 2	(0.03)			
ROYALTY INTEREST Sep 24 1.0900 1.00 2.50 2.50 0.00002795 0.00002795 0.000 AD VALOREM TAX Sep 24 (0.15) 0.00002795 0.00002795 0.00002795 RIMROCK GATH/PROC Sep 24 (1.57) 0.00002795 0.00002795 SEVERANCE TAX Sep 24 (0.03) 0.00002795 0.00002795 PWH EXP CREDIT TO RI/OR Sep 24 0.78 0.00002795 0.00002795 ROYALTY INTEREST Sep 24 1.1310 1,977.00 1.57 3,106.58 0.00002795 0.00002795 AD VALOREM TAX Sep 24 (186.39) 0.00002795 0.00002795	0.06			
AD VALOREM TAX Sep 24 RIMROCK GATH/PROC Sep 24 SEVERANCE TAX PWH EXP CREDIT TO RI/OR Sep 24 ROYALTY INTEREST AD VALOREM TAX Sep 24 Sep	(0.01)			
RIMROCK GATH/PROC Sep 24 (1.57) 0.00002795 0.00002795 SEVERANCE TAX Sep 24 (0.03) 0.00002795 0.0000	0.00			
SEVERANCE TAX         Sep 24         (0.03)         0.00002795         0.00002795           PWH EXP CREDIT TO RI/OR         Sep 24         0.78         0.00002795         0.00002795           ROYALTY INTEREST         Sep 24         1.1310         1,977.00         1.57         3,106.58         0.00002795         0.00002795           AD VALOREM TAX         Sep 24         (186.39)         0.00002795         0.00002795	0.00			
PWH EXP CREDIT TO RI/OR         Sep 24         0.78         0.00002795         0.00002795           ROYALTY INTEREST         Sep 24         1.1310         1,977.00         1.57         3,106.58         0.00002795         0.00002795         0.00           AD VALOREM TAX         Sep 24         (186.39)         0.00002795         0.00002795         0.00002795	0.00			
ROYALTY INTEREST Sep 24 1.1310 1,977.00 1.57 3,106.58 0.00002795 0.00002795 0.00002795 0.00002795 0.00002795 0.00002795 0.00002795	0.00			
AD VALOREM TAX Sep 24 (186.39) 0.00002795 0.00002795	0.00			
	0.09			
FRACTIONATION FFF Sen 24 (44.63) 0.00002795	(0.01)			
11470 110141 111014 111014 111014 111014 111014 111014 111014 111014 111014 111014 111014 111014 111014 111014	0.00			
CONSERVATION TAX Sep 24 (4.66) 0.00002795 0.00002795	0.00			
PWH EXP CREDIT TO RI/OR Sep 24 329.04 0.00002795 0.00002795	0.01			
SEVERANCE TAX Sep 24 (31.07) 0.00002795 0.00002795	0.00			
FUEL Sep 24 (260.51) 0.00002795 0.00002795	(0.01)			
PROCESSING Sep 24 (397.58) 0.00002795 0.00002795	(0.01)			
ROYALTY INTEREST Oct 24 1.0910 309.00 1.80 557.29 0.00002795 0.00002795 0.00	0.02			
AD VALOREM TAX Oct 24 (33.44) 0.00002795 0.00002795	0.00			
RIMROCK GATH/PROC Oct 24 (338.78) 0.00002795 0.00002795	(0.01)			
CONSERVATION TAX Oct 24 (0.84) 0.00002795 0.00002795	0.00			
PWH EXP CREDIT TO RI/OR Oct 24 169.39 0.00002795 0.00002795	0.00			
SEVERANCE TAX Oct 24 (5.57) 0.00002795 0.00002795	0.00			
ROYALTY INTEREST Oct 24 1.1310 1,953.00 2.22 4,335.38 0.00002795 0.00002795 0.00	0.12			
AD VALOREM TAX Oct 24 (260.12) 0.00002795 0.00002795	(0.01)			
FRACTIONATION FEE Oct 24 (54.09) 0.00002795 0.00002795	0.00			
CONSERVATION TAX Oct 24 (6.50) 0.00002795 0.00002795	0.00			
PWH EXP CREDIT TO RI/OR Oct 24 469.02 0.00002795 0.00002795	0.01			
SEVERANCE TAX Oct 24 (43.35) 0.00002795 0.00002795	0.00			
FUEL Oct 24 (377.76) 0.00002795 0.00002795	(0.01)			
PROCESSING Oct 24 (560.29) 0.00002795 0.00002795	(0.02)			
ROYALTY INTEREST Nov 24 1.1310 918.00 2.47 2,270.72 0.00002795 0.00002795 0.00	, ,			
AD VALOREM TAX Nov 24 (136.24) 0.00002795 0.00002795	0.00			
FRACTIONATION FEE Nov 24 (24.99) 0.00002795 0.00002795	0.00			
CONSERVATION TAX Nov 24 (3.41) 0.00002795 0.00002795	0.00			

				Prope	rty Values		Owner Share				
	Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
	PWH EXP CREDIT TO RI/OR	Nov 24				253.77	0.00002795	0.00002795		0.01	
	SEVERANCE TAX	Nov 24				(22.71)	0.00002795	0.00002795		0.00	
	FUEL	Nov 24				(211.59)	0.00002795	0.00002795		(0.01)	
	PROCESSING	Nov 24				(295.95)	0.00002795	0.00002795		(0.01)	
	ROYALTY INTEREST	Nov 24	1.0910	273.00	1.80	491.70	0.00002795	0.00002795	0.01	0.01	
	AD VALOREM TAX	Nov 24				(29.50)	0.00002795	0.00002795		0.00	
	RIMROCK GATH/PROC	Nov 24				(311.82)	0.00002795	0.00002795		(0.01)	
	CONSERVATION TAX	Nov 24				(0.74)	0.00002795	0.00002795		0.00	
	PWH EXP CREDIT TO RI/OR	Nov 24				155.91	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Nov 24				(4.92)	0.00002795	0.00002795		0.00	
GAS LEASE USE								Total GAS	0.21	0.18	
	ROYALTY INTEREST	Sep 24		874.00		0.00	0.00002795	0.00002795	0.02	0.00	
	ROYALTY INTEREST	Oct 24		942.00		0.00	0.00002795	0.00002795	0.03	0.00	
	ROYALTY INTEREST	Nov 24		818.00		0.00	0.00002795	0.00002795	0.02	0.00	
OIL		I					Total GA	S LEASE USE	0.07	0.00	
OIL	ROYALTY INTEREST	Oct 24		466.02	71.57	33,351.64	0.00002795	0.00002795	0.01	0.93	
	AD VALOREM TAX	Oct 24				(2,001.10)	0.00002795	0.00002795		(0.06)	
	CONSERVATION TAX	Oct 24				(50.03)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Oct 24				(333.52)	0.00002795	0.00002795		(0.01)	
	ROYALTY INTEREST	Nov 24		441.99	69.23	30,601.14	0.00002795	0.00002795	0.01	0.86	
	AD VALOREM TAX	Nov 24				(1,836.07)	0.00002795	0.00002795		(0.05)	
	CONSERVATION TAX	Nov 24				(45.90)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Nov 24				(306.01)	0.00002795	0.00002795		(0.01)	
	ROYALTY INTEREST	Dec 24		381.99	69.12	26,403.01	0.00002795	0.00002795	0.01	0.74	
	AD VALOREM TAX	Dec 24				(1,584.18)	0.00002795	0.00002795		(0.04)	
	CONSERVATION TAX	Dec 24				(39.60)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Dec 24				(264.03)	0.00002795	0.00002795		(0.01)	
							1	Total OIL	0.03	2.35	
PRODUCTS	ROYALTY INTEREST	Apr 24		(7,275.33)	0.52	(2.750.14)	0.00002795	0.00002795	(0.20)	(0.11)	
	AD VALOREM TAX	Apr 24 Apr 24		(1,213.33)	0.52	(3,759.14) 225.55	0.00002795	0.00002795	(0.20)	(0.11) 0.01	
	PWH EXP CREDIT TO RI/OR	Apr 24					0.00002795	0.00002795			
		•				(558.23)				(0.02)	
	CONSERVATION TAX	Apr 24				5.64	0.00002795	0.00002795		0.00	
	PROCESSING	Apr 24				1,116.47	0.00002795	0.00002795		0.03	
	SEVERANCE TAX	Apr 24		7.075.00	0.55	37.59	0.00002795	0.00002795	0.00	0.00	
	ROYALTY INTEREST	Apr 24		7,275.33	0.55	4,012.72	0.00002795	0.00002795	0.20	0.11	
	AD VALOREM TAX	Apr 24				(240.76)	0.00002795	0.00002795		(0.01)	
	PWH EXP CREDIT TO RI/OR	Apr 24				595.89	0.00002795	0.00002795		0.02	
	CONSERVATION TAX	Apr 24				(6.02)	0.00002795	0.00002795		0.00	
	PROCESSING	Apr 24				(1,191.78)	0.00002795	0.00002795		(0.03)	
	SEVERANCE TAX	Apr 24				(40.13)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Sep 24		10.00	0.75	7.50	0.00002795	0.00002795	0.00	0.00	
	AD VALOREM TAX	Sep 24				(0.45)	0.00002795	0.00002795		0.00	

				Proper	ty Values		Owner Share				
Туре		Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
PWH EXP CR	EDIT TO RI/OR	Sep 24				0.78	0.00002795	0.00002795		0.00	
CONSERVATION	ON TAX	Sep 24				(0.01)	0.00002795	0.00002795		0.00	
PROCESSING	}	Sep 24				(1.57)	0.00002795	0.00002795		0.00	
SEVERANCE	TAX	Sep 24				(0.08)	0.00002795	0.00002795		0.00	
ROYALTY INTER	REST	Sep 24	11	1,389.28	0.48	5,513.69	0.00002795	0.00002795	0.32	0.15	
AD VALOREM	TAX	Sep 24				(330.82)	0.00002795	0.00002795		(0.01)	
PWH EXP CR	EDIT TO RI/OR	Sep 24				818.78	0.00002795	0.00002795		0.02	
CONSERVATION	ON TAX	Sep 24				(8.27)	0.00002795	0.00002795		0.00	
PROCESSING	}	Sep 24				(1,637.57)	0.00002795	0.00002795		(0.05)	
SEVERANCE	TAX	Sep 24				(55.14)	0.00002795	0.00002795		0.00	
ROYALTY INTER	REST	Oct 24	1	1,651.00	0.61	1,001.88	0.00002795	0.00002795	0.05	0.03	
AD VALOREM	TAX	Oct 24				(60.11)	0.00002795	0.00002795		0.00	
PWH EXP CR	EDIT TO RI/OR	Oct 24				169.39	0.00002795	0.00002795		0.00	
CONSERVATION	ON TAX	Oct 24				(1.50)	0.00002795	0.00002795		0.00	
PROCESSING	}	Oct 24				(338.78)	0.00002795	0.00002795		(0.01)	
SEVERANCE	TAX	Oct 24				(10.02)	0.00002795	0.00002795		0.00	
ROYALTY INTER	REST	Oct 24	11	1,414.93	0.58	6,663.55	0.00002795	0.00002795	0.32	0.19	
AD VALOREM	TAX	Oct 24				(399.81)	0.00002795	0.00002795		(0.01)	
PWH EXP CR	EDIT TO RI/OR	Oct 24				989.54	0.00002795	0.00002795		0.03	
CONSERVATI	ON TAX	Oct 24				(10.00)	0.00002795	0.00002795		0.00	
PROCESSING	}	Oct 24				(1,979.07)	0.00002795	0.00002795		(0.06)	
SEVERANCE	TAX	Oct 24				(66.64)	0.00002795	0.00002795		0.00	
ROYALTY INTER	REST	Nov 24	5	5,548.34	0.58	3,212.51	0.00002795	0.00002795	0.16	0.09	
AD VALOREM	TAX	Nov 24				(192.75)	0.00002795	0.00002795		(0.01)	
PWH EXP CR	EDIT TO RI/OR	Nov 24				477.06	0.00002795	0.00002795		0.01	
CONSERVATION	ON TAX	Nov 24				(4.82)	0.00002795	0.00002795		0.00	
PROCESSING	}	Nov 24				(954.12)	0.00002795	0.00002795		(0.03)	
SEVERANCE	TAX	Nov 24				(32.13)	0.00002795	0.00002795		0.00	
ROYALTY INTER	REST	Nov 24	1	1,624.00	0.64	1,035.42	0.00002795	0.00002795	0.05	0.03	
AD VALOREM	TAX	Nov 24				(62.13)	0.00002795	0.00002795		0.00	
PWH EXP CR	EDIT TO RI/OR	Nov 24				155.91	0.00002795	0.00002795		0.00	
CONSERVATION	ON TAX	Nov 24				(1.55)	0.00002795	0.00002795		0.00	
PROCESSING	}	Nov 24				(311.82)	0.00002795	0.00002795		(0.01)	
SEVERANCE	TAX	Nov 24				(10.35)	0.00002795	0.00002795		0.00	
							Tota	al PRODUCTS	0.90	0.36	
							1	Total Property		2.89	
rty: 41881	HESTER	FARMS II F-31-32HN, State	: CO, County: W	VELD							

Property:	41881	HESTER FARMS II F-31-32HN, State: CO, County: WELD										
GAS												
		ROYALTY INTEREST	Apr 24	1.1350	(3,666.00)	1.37	(5,017.23)	0.00002795	0.00002795	(0.10)	(0.14)	
		AD VALOREM TAX	Apr 24				301.03	0.00002795	0.00002795		0.01	
		GATHERING - NOBLE	Apr 24				(72.96)	0.00002795	0.00002795		0.00	
		CONSERVATION TAX	Apr 24				7.53	0.00002795	0.00002795		0.00	
		FRACTIONATION FEE	Apr 24				62.83	0.00002795	0.00002795		0.00	

			Prope	rty Values		Owner Share				
Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
SEVERANCE TAX	Apr 24				50.17	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Apr 24				(366.09)	0.00002795	0.00002795		(0.01)	
FUEL	Apr 24				397.60	0.00002795	0.00002795		0.01	
PROCESSING	Apr 24				407.54	0.00002795	0.00002795		0.01	
ROYALTY INTEREST	Apr 24	1.1350	7,190.00	0.08	561.42	0.00002795	0.00002795	0.20	0.02	
AD VALOREM TAX	Apr 24				(33.69)	0.00002795	0.00002795		0.00	
GATHERING - NOBLE	Apr 24				72.96	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Apr 24				(0.84)	0.00002795	0.00002795		0.00	
FRACTIONATION FEE	Apr 24				(62.83)	0.00002795	0.00002795		0.00	
SEVERANCE TAX	Apr 24				(5.61)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Apr 24				(1,861.82)	0.00002795	0.00002795		(0.05)	
FUEL	Apr 24				4,058.21	0.00002795	0.00002795		0.11	
PROCESSING	Apr 24				(407.54)	0.00002795	0.00002795		(0.01)	
ROYALTY INTEREST	Sep 24	1.0900	1.00	1.78	1.78	0.00002795	0.00002795	0.00	0.00	
AD VALOREM TAX	Sep 24				(0.11)	0.00002795	0.00002795		0.00	
RIMROCK GATH/PROC	Sep 24				(1.12)	0.00002795	0.00002795		0.00	
SEVERANCE TAX	Sep 24				(0.02)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Sep 24				0.56	0.00002795	0.00002795		0.00	
ROYALTY INTEREST	Sep 24	1.1310	1,407.00	1.57	2,212.02	0.00002795	0.00002795	0.04	0.06	
AD VALOREM TAX	Sep 24				(132.72)	0.00002795	0.00002795		0.00	
FRACTIONATION FEE	Sep 24				(31.78)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Sep 24				(3.32)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Sep 24				234.30	0.00002795	0.00002795		0.01	
SEVERANCE TAX	Sep 24				(22.12)	0.00002795	0.00002795		0.00	
FUEL	Sep 24				(185.50)	0.00002795	0.00002795		(0.01)	
PROCESSING	Sep 24				(283.09)	0.00002795	0.00002795		(0.01)	
ROYALTY INTEREST	Oct 24	1.0910	178.00	1.80	321.08	0.00002795	0.00002795	0.00	0.01	
AD VALOREM TAX	Oct 24				(19.26)	0.00002795	0.00002795		0.00	
RIMROCK GATH/PROC	Oct 24				(195.19)	0.00002795	0.00002795		(0.01)	
CONSERVATION TAX	Oct 24				(0.48)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Oct 24				97.59	0.00002795	0.00002795		0.00	
SEVERANCE TAX	Oct 24				(3.21)	0.00002795	0.00002795		0.00	
ROYALTY INTEREST	Oct 24	1.1310	1,125.00	2.22	2,497.86	0.00002795	0.00002795	0.03	0.07	
AD VALOREM TAX	Oct 24				(149.87)	0.00002795	0.00002795		0.00	
FRACTIONATION FEE	Oct 24				(31.17)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Oct 24				(3.75)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Oct 24				270.23	0.00002795	0.00002795		0.01	
SEVERANCE TAX	Oct 24				(24.98)	0.00002795	0.00002795		0.00	
FUEL	Oct 24				(217.65)	0.00002795	0.00002795		(0.01)	
PROCESSING	Oct 24				(322.81)	0.00002795	0.00002795		(0.01)	
ROYALTY INTEREST	Nov 24	1.1310	918.00	2.48	2,272.20	0.00002795	0.00002795	0.03	0.06	
AD VALOREM TAX	Nov 24				(136.33)	0.00002795	0.00002795		0.00	
FRACTIONATION FEE	Nov 24				(25.01)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Nov 24				(3.41)	0.00002795	0.00002795		0.00	
SONOLIVATION TAX	1407 24				(3.71)	0.00002730	3.00002130		0.00	

				Propei	rty Values		Owner Share				
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
	PWH EXP CREDIT TO RI/OR	Nov 24				253.94	0.00002795	0.00002795		0.01	
	SEVERANCE TAX	Nov 24				(22.72)	0.00002795	0.00002795		0.00	
	FUEL	Nov 24				(211.73)	0.00002795	0.00002795		(0.01)	
	PROCESSING	Nov 24				(296.14)	0.00002795	0.00002795		(0.01)	
	ROYALTY INTEREST	Nov 24	1.0910	273.00	1.80	492.02	0.00002795	0.00002795	0.01	0.01	
	AD VALOREM TAX	Nov 24				(29.52)	0.00002795	0.00002795		0.00	
	RIMROCK GATH/PROC	Nov 24				(312.03)	0.00002795	0.00002795		(0.01)	
	CONSERVATION TAX	Nov 24				(0.74)	0.00002795	0.00002795		0.00	
	PWH EXP CREDIT TO RI/OR	Nov 24				156.01	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Nov 24				(4.92)	0.00002795	0.00002795		0.00	
0.40.1.54.05.1105							ı	Total GAS	0.21	0.11	
GAS LEASE USE	ROYALTY INTEREST	Sep 24		842.00		0.00	0.00002795	0.00002795	0.02	0.00	
	ROYALTY INTEREST	Oct 24		885.00		0.00	0.00002795	0.00002795	0.02	0.00	
	ROYALTY INTEREST	Nov 24		817.00		0.00	0.00002795	0.00002795	0.02	0.00	
Oll		'					Total GA	S LEASE USE	0.06	0.00	
OIL	ROYALTY INTEREST	Oct 24		404.02	71.57	28,914.30	0.00002795	0.00002795	0.01	0.81	
	AD VALOREM TAX	Oct 24		404.02	71.57	(1,734.86)	0.00002795	0.00002795	0.01	(0.05)	
	CONSERVATION TAX	Oct 24				(43.37)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Oct 24				(289.14)	0.00002795	0.00002795		(0.01)	
	ROYALTY INTEREST	Nov 24		422.99	69.23	29,285.71	0.00002795	0.00002795	0.01	0.82	
	AD VALOREM TAX	Nov 24		422.00	00.20	(1,757.14)	0.00002795	0.00002795	0.01	(0.05)	
	CONSERVATION TAX	Nov 24				(43.93)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Nov 24				(292.86)	0.00002795	0.00002795		(0.01)	
	ROYALTY INTEREST	Dec 24		398.99	69.12	27,578.02	0.00002795	0.00002795	0.01	0.77	
	AD VALOREM TAX	Dec 24		000.00	00.12	(1,654.68)	0.00002795	0.00002795	0.01	(0.05)	
	CONSERVATION TAX	Dec 24				(41.37)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Dec 24				(275.78)	0.00002795	0.00002795		(0.01)	
	02.72.30.002.00	20021				(2.55)	0.00002.00	Total OIL	0.03	2.22	
PRODUCTS						/a a /a aas			(2.22)	(= (=)	
	ROYALTY INTEREST	Apr 24		(13,432.07)	0.52	(6,940.32)	0.00002795	0.00002795	(0.38)	(0.19)	
	AD VALOREM TAX	Apr 24				416.42	0.00002795	0.00002795		0.01	
	PWH EXP CREDIT TO RI/OR	Apr 24				(1,030.64)	0.00002795	0.00002795		(0.03)	
	CONSERVATION TAX	Apr 24				10.41	0.00002795	0.00002795		0.00	
	PROCESSING	Apr 24				2,061.27	0.00002795	0.00002795		0.06	
	SEVERANCE TAX	Apr 24				69.40	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Apr 24		13,432.07	0.55	7,408.48	0.00002795	0.00002795	0.38	0.21	
	AD VALOREM TAX	Apr 24				(444.51)	0.00002795	0.00002795		(0.01)	
	PWH EXP CREDIT TO RI/OR	Apr 24				1,100.16	0.00002795	0.00002795		0.03	
	CONSERVATION TAX	Apr 24				(11.11)	0.00002795	0.00002795		0.00	
	PROCESSING	Apr 24				(2,200.32)	0.00002795	0.00002795		(0.06)	
	SEVERANCE TAX	Apr 24				(74.08)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Sep 24		7.00	0.76	5.34	0.00002795	0.00002795	0.00	0.00	
	AD VALOREM TAX	Sep 24				(0.32)	0.00002795	0.00002795		0.00	

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				Proper	rty Values		Owner Share				
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
	PWH EXP CREDIT TO RI/OR	Sep 24				0.56	0.00002795	0.00002795		0.00	
	CONSERVATION TAX	Sep 24				(0.01)	0.00002795	0.00002795		0.00	
	PROCESSING	Sep 24				(1.12)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Sep 24				(0.05)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Sep 24		8,109.67	0.48	3,925.99	0.00002795	0.00002795	0.23	0.11	
	AD VALOREM TAX	Sep 24				(235.56)	0.00002795	0.00002795		(0.01)	
	PWH EXP CREDIT TO RI/OR	Sep 24				583.01	0.00002795	0.00002795		0.02	
	CONSERVATION TAX	Sep 24				(5.89)	0.00002795	0.00002795		0.00	
	PROCESSING	Sep 24				(1,166.02)	0.00002795	0.00002795		(0.03)	
	SEVERANCE TAX	Sep 24				(39.26)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Oct 24		951.00	0.61	577.24	0.00002795	0.00002795	0.03	0.02	
	AD VALOREM TAX	Oct 24				(34.63)	0.00002795	0.00002795		0.00	
	PWH EXP CREDIT TO RI/OR	Oct 24				97.59	0.00002795	0.00002795		0.00	
	CONSERVATION TAX	Oct 24				(0.87)	0.00002795	0.00002795		0.00	
	PROCESSING	Oct 24				(195.19)	0.00002795	0.00002795		(0.01)	
	SEVERANCE TAX	Oct 24				(5.77)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Oct 24		6,576.76	0.58	3,839.23	0.00002795	0.00002795	0.18	0.11	
	AD VALOREM TAX	Oct 24				(230.35)	0.00002795	0.00002795		(0.01)	
	PWH EXP CREDIT TO RI/OR	Oct 24				570.13	0.00002795	0.00002795		0.02	
	CONSERVATION TAX	Oct 24				(5.76)	0.00002795	0.00002795		0.00	
	PROCESSING	Oct 24				(1,140.25)	0.00002795	0.00002795		(0.03)	
	SEVERANCE TAX	Oct 24				(38.39)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Nov 24		5,551.95	0.58	3,214.60	0.00002795	0.00002795	0.16	0.09	
	AD VALOREM TAX	Nov 24		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(192.88)	0.00002795	0.00002795		(0.01)	
	PWH EXP CREDIT TO RI/OR	Nov 24				477.37	0.00002795	0.00002795		0.01	
	CONSERVATION TAX	Nov 24				(4.82)	0.00002795	0.00002795		0.00	
	PROCESSING	Nov 24				(954.74)	0.00002795	0.00002795		(0.03)	
	SEVERANCE TAX	Nov 24				(32.15)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Nov 24		1,625.00	0.64	1,036.09	0.00002795	0.00002795	0.05	0.03	
	AD VALOREM TAX	Nov 24		1,020.00	0.01	(62.17)	0.00002795	0.00002795	0.00	0.00	
	PWH EXP CREDIT TO RI/OR	Nov 24				156.01	0.00002795	0.00002795		0.00	
	CONSERVATION TAX	Nov 24				(1.55)	0.00002795	0.00002795		0.00	
	PROCESSING	Nov 24				(312.03)	0.00002795	0.00002795		(0.01)	
	SEVERANCE TAX	Nov 24				(10.36)	0.00002795	0.00002795		0.00	
	CEVERVINOE 17 DX	1407 24				(10.00)		al PRODUCTS	0.65	0.29	
									0.03	2.62	
								Total Property		2.62	
Property: 4	1882 HESTER	FARMS II G-31-32HN, Stat	te: CO, Coun	ty: WELD							
GAS	ROYALTY INTEREST	Apr 24	1.1350	(5,142.00)	1.37	(7,036.89)	0.00002795	0.00002795	(0.14)	(0.20)	
	AD VALOREM TAX	Apr 24		(=,::=:=;		422.21	0.00002795	0.00002795	(/	0.01	
	GATHERING - NOBLE	Apr 24				(102.32)	0.00002795	0.00002795		0.00	
	CONSERVATION TAX	Apr 24				10.56	0.00002795	0.00002795		0.00	
	FRACTIONATION FEE	Apr 24				88.12	0.00002795	0.00002795		0.00	
	TRACTIONATIONTEL	Api 24				00.12	0.00002193	0.00002130		0.00	

	Property Values						Owner Share				
Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value		
SEVERANCE TAX	Apr 24				70.37	0.00002795	0.00002795		0.00		
PWH EXP CREDIT TO RI/OR	Apr 24				(513.46)	0.00002795	0.00002795		(0.01)		
FUEL	Apr 24				557.65	0.00002795	0.00002795		0.02		
PROCESSING	Apr 24				571.59	0.00002795	0.00002795		0.02		
ROYALTY INTEREST	Apr 24	1.1350	10,084.00	0.08	787.43	0.00002795	0.00002795	0.28	0.02		
AD VALOREM TAX	Apr 24				(47.25)	0.00002795	0.00002795		0.00		
GATHERING - NOBLE	Apr 24				102.32	0.00002795	0.00002795		0.00		
CONSERVATION TAX	Apr 24				(1.18)	0.00002795	0.00002795		0.00		
FRACTIONATION FEE	Apr 24				(88.12)	0.00002795	0.00002795		0.00		
SEVERANCE TAX	Apr 24				(7.87)	0.00002795	0.00002795		0.00		
PWH EXP CREDIT TO RI/OR	Apr 24				(2,611.27)	0.00002795	0.00002795		(0.07)		
FUEL	Apr 24				5,691.82	0.00002795	0.00002795		0.16		
PROCESSING	Apr 24				(571.59)	0.00002795	0.00002795		(0.02)		
ROYALTY INTEREST	Sep 24	1.0900	3.00	1.98	5.94	0.00002795	0.00002795	0.00	0.00		
AD VALOREM TAX	Sep 24				(0.36)	0.00002795	0.00002795		0.00		
RIMROCK GATH/PROC	Sep 24				(3.72)	0.00002795	0.00002795		0.00		
CONSERVATION TAX	Sep 24				(0.01)	0.00002795	0.00002795		0.00		
PWH EXP CREDIT TO RI/OR	Sep 24				1.86	0.00002795	0.00002795		0.00		
SEVERANCE TAX	Sep 24				(0.06)	0.00002795	0.00002795		0.00		
ROYALTY INTEREST	Sep 24	1.1310	4,702.00	1.57	7,389.25	0.00002795	0.00002795	0.13	0.21		
AD VALOREM TAX	Sep 24				(443.36)	0.00002795	0.00002795		(0.01)		
FRACTIONATION FEE	Sep 24				(106.15)	0.00002795	0.00002795		0.00		
CONSERVATION TAX	Sep 24				(11.08)	0.00002795	0.00002795		0.00		
PWH EXP CREDIT TO RI/OR	Sep 24				782.66	0.00002795	0.00002795		0.02		
SEVERANCE TAX	Sep 24				(73.89)	0.00002795	0.00002795		0.00		
FUEL	Sep 24				(619.65)	0.00002795	0.00002795		(0.02)		
PROCESSING	Sep 24				(945.67)	0.00002795	0.00002795		(0.03)		
ROYALTY INTEREST	Oct 24	1.0910	830.00	1.80	1,495.57	0.00002795	0.00002795	0.02	0.04		
AD VALOREM TAX	Oct 24				(89.73)	0.00002795	0.00002795		0.00		
RIMROCK GATH/PROC	Oct 24				(909.16)	0.00002795	0.00002795		(0.03)		
CONSERVATION TAX	Oct 24				(2.24)	0.00002795	0.00002795		0.00		
PWH EXP CREDIT TO RI/OR	Oct 24				454.58	0.00002795	0.00002795		0.01		
SEVERANCE TAX	Oct 24				(14.96)	0.00002795	0.00002795		0.00		
ROYALTY INTEREST	Oct 24	1.1310	5,242.00	2.22	11,634.74	0.00002795	0.00002795	0.15	0.33		
AD VALOREM TAX	Oct 24				(698.08)	0.00002795	0.00002795		(0.02)		
FRACTIONATION FEE	Oct 24				(145.16)	0.00002795	0.00002795		0.00		
CONSERVATION TAX	Oct 24				(17.45)	0.00002795	0.00002795		0.00		
PWH EXP CREDIT TO RI/OR	Oct 24				1,258.71	0.00002795	0.00002795		0.04		
SEVERANCE TAX	Oct 24				(116.35)	0.00002795	0.00002795		0.00		
FUEL	Oct 24				(1,013.79)	0.00002795	0.00002795		(0.03)		
PROCESSING	Oct 24				(1,503.62)	0.00002795	0.00002795		(0.04)		
ROYALTY INTEREST	Nov 24	1.1310	3,337.00	2.47	8,255.56	0.00002795	0.00002795	0.09	0.23		
AD VALOREM TAX	Nov 24				(495.33)	0.00002795	0.00002795		(0.01)		
FRACTIONATION FEE	Nov 24				(90.85)	0.00002795	0.00002795		0.00		

				Proper	rty Values		Owner Share				
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
	CONSERVATION TAX	Nov 24				(12.38)	0.00002795	0.00002795		0.00	
	PWH EXP CREDIT TO RI/OR	Nov 24				922.62	0.00002795	0.00002795		0.03	
	SEVERANCE TAX	Nov 24				(82.56)	0.00002795	0.00002795		0.00	
	FUEL	Nov 24				(769.27)	0.00002795	0.00002795		(0.02)	
	PROCESSING	Nov 24				(1,075.97)	0.00002795	0.00002795		(0.03)	
	ROYALTY INTEREST	Nov 24	1.0910	992.00	1.80	1,787.64	0.00002795	0.00002795	0.03	0.05	
	AD VALOREM TAX	Nov 24				(107.26)	0.00002795	0.00002795		0.00	
	RIMROCK GATH/PROC	Nov 24				(1,133.67)	0.00002795	0.00002795		(0.03)	
	CONSERVATION TAX	Nov 24				(2.68)	0.00002795	0.00002795		0.00	
	PWH EXP CREDIT TO RI/OR	Nov 24				566.84	0.00002795	0.00002795		0.02	
	SEVERANCE TAX	Nov 24				(17.88)	0.00002795	0.00002795		0.00	
GAS LEASE USE								Total GAS	0.56	0.64	
OAO LLAOL OOL	ROYALTY INTEREST	Sep 24		886.00		0.00	0.00002795	0.00002795	0.02	0.00	
	ROYALTY INTEREST	Oct 24		1,016.00		0.00	0.00002795	0.00002795	0.03	0.00	
	ROYALTY INTEREST	Nov 24		841.00		0.00	0.00002795	0.00002795	0.02	0.00	
							Total GA	S LEASE USE	0.07	0.00	
OIL	ROYALTY INTEREST	Oct 24		500.02	71.57	35,785.02	0.00002795	0.00002795	0.01	1.00	
	AD VALOREM TAX	Oct 24		300.02	71.57	(2,147.10)	0.00002795	0.00002795	0.01	(0.06)	
	CONSERVATION TAX	Oct 24					0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Oct 24				(53.68) (357.85)	0.00002795	0.00002795			
	ROYALTY INTEREST			516.99	69.23	, ,	0.00002795	0.00002795	0.01	(0.01)	
		Nov 24		510.99	09.23	35,793.64			0.01	1.00	
	AD VALOREM TAX	Nov 24				(2,147.62)	0.00002795	0.00002795		(0.06)	
	CONSERVATION TAX	Nov 24				(53.69)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Nov 24		402.00	00.40	(357.94)	0.00002795	0.00002795	0.04	(0.01)	
	ROYALTY INTEREST	Dec 24		483.99	69.12	33,453.03	0.00002795	0.00002795	0.01	0.94	
	AD VALOREM TAX	Dec 24				(2,007.18)	0.00002795	0.00002795		(0.06)	
	CONSERVATION TAX	Dec 24				(50.18)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Dec 24				(334.53)	0.00002795	0.00002795 Total OIL	0.03	(0.01) <b>2.73</b>	
PRODUCTS											
	ROYALTY INTEREST	Apr 24		(18,839.08)	0.52	(9,734.11)	0.00002795	0.00002795	(0.53)	(0.27)	
	AD VALOREM TAX	Apr 24				584.05	0.00002795	0.00002795		0.02	
	PWH EXP CREDIT TO RI/OR	Apr 24				(1,445.51)	0.00002795	0.00002795		(0.04)	
	CONSERVATION TAX	Apr 24				14.60	0.00002795	0.00002795		0.00	
	PROCESSING	Apr 24				2,891.03	0.00002795	0.00002795		0.08	
	SEVERANCE TAX	Apr 24				97.34	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Apr 24		18,839.08	0.55	10,390.72	0.00002795	0.00002795	0.53	0.29	
	AD VALOREM TAX	Apr 24				(623.44)	0.00002795	0.00002795		(0.02)	
	PWH EXP CREDIT TO RI/OR	Apr 24				1,543.02	0.00002795	0.00002795		0.04	
	CONSERVATION TAX	Apr 24				(15.59)	0.00002795	0.00002795		0.00	
	PROCESSING	Apr 24				(3,086.04)	0.00002795	0.00002795		(0.09)	
	SEVERANCE TAX	Apr 24				(103.91)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Sep 24		24.00	0.74	17.84	0.00002795	0.00002795	0.00	0.00	

Check Number	ACH43080

				Proper	ty Values		Owner Share				
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
	AD VALOREM TAX	Sep 24				(1.07)	0.00002795	0.00002795		0.00	
	PWH EXP CREDIT TO RI/OR	Sep 24				1.86	0.00002795	0.00002795		0.00	
	CONSERVATION TAX	Sep 24				(0.03)	0.00002795	0.00002795		0.00	
	PROCESSING	Sep 24				(3.72)	0.00002795	0.00002795		0.00	
	SEVERANCE TAX	Sep 24				(0.18)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Sep 24		27,090.32	0.48	13,114.75	0.00002795	0.00002795	0.76	0.37	
	AD VALOREM TAX	Sep 24				(786.89)	0.00002795	0.00002795		(0.02)	
	PWH EXP CREDIT TO RI/OR	Sep 24				1,947.54	0.00002795	0.00002795		0.05	
	CONSERVATION TAX	Sep 24				(19.67)	0.00002795	0.00002795		0.00	
	PROCESSING	Sep 24				(3,895.08)	0.00002795	0.00002795		(0.11)	
	SEVERANCE TAX	Sep 24				(131.15)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Oct 24		4,430.00	0.61	2,688.70	0.00002795	0.00002795	0.12	0.08	
	AD VALOREM TAX	Oct 24		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(161.32)	0.00002795	0.00002795		0.00	
	PWH EXP CREDIT TO RI/OR	Oct 24				454.58	0.00002795	0.00002795		0.01	
	CONSERVATION TAX	Oct 24				(4.03)	0.00002795	0.00002795		0.00	
	PROCESSING	Oct 24				(909.16)	0.00002795	0.00002795		(0.03)	
	SEVERANCE TAX	Oct 24				(26.89)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Oct 24		30,633.86	0.58	17,882.74	0.00002795	0.00002795	0.86	0.50	
	AD VALOREM TAX	Oct 24		00,000.00	0.00	(1,072.96)	0.00002795	0.00002795	0.00	(0.03)	
	PWH EXP CREDIT TO RI/OR	Oct 24				2,655.59	0.00002795	0.00002795		0.07	
	CONSERVATION TAX	Oct 24				(26.82)	0.00002795	0.00002795		0.00	
	PROCESSING	Oct 24				(5,311.18)	0.00002795	0.00002795		(0.15)	
	SEVERANCE TAX	Oct 24				(178.83)	0.00002795	0.00002795		0.00	
	ROYALTY INTEREST	Nov 24		20,171.83	0.58	11,679.58	0.00002795	0.00002795	0.56	0.33	
	AD VALOREM TAX	Nov 24		20,171.00	0.50	(700.77)	0.00002795	0.00002795	0.30	(0.02)	
	PWH EXP CREDIT TO RI/OR	Nov 24				1,734.42	0.00002795	0.00002795		0.05	
	CONSERVATION TAX	Nov 24				(17.52)	0.00002795	0.00002795		0.00	
	PROCESSING	Nov 24				(3,468.83)	0.00002795	0.00002795		(0.10)	
	SEVERANCE TAX ROYALTY INTEREST	Nov 24		E 002 00	0.64	(116.80)	0.00002795	0.00002795	0.16	0.00	
		Nov 24		5,903.00	0.64	3,764.43	0.00002795	0.00002795	0.16	0.11	
	AD VALOREM TAX	Nov 24				(225.87)	0.00002795	0.00002795		(0.01)	
	PWH EXP CREDIT TO RI/OR	Nov 24				566.84	0.00002795	0.00002795		0.02	
	CONSERVATION TAX	Nov 24				(5.65)	0.00002795	0.00002795		0.00	
	PROCESSING	Nov 24				(1,133.67)	0.00002795	0.00002795		(0.03)	
	SEVERANCE TAX	Nov 24				(37.64)	0.00002795	0.00002795		0.00	
								al PRODUCTS	2.46	1.10	
							•	Total Property		4.47	
Property:	41883 HE	STER FARMS II H-31-32HC, Sta	te: CO, Coun	ty: WELD							
GAS	ROYALTY INTEREST	Apr 24	1.1350	(3,843.00)	1.37	(5,259.19)	0.00002795	0.00002795	(0.11)	(0.15)	
	AD VALOREM TAX	Apr 24		(3,0.0.00)		315.55	0.00002795	0.00002795	(0)	0.01	
	GATHERING - NOBLE	Apr 24				(76.47)	0.00002795	0.00002795		0.00	
	CONSERVATION TAX	Apr 24				7.89	0.00002795	0.00002795		0.00	
	CONSCITATION IAX	Αρι 24				1.05	0.00002190	0.00002130		0.00	

			Prope	rty Values		Owner Share				
Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
FRACTIONATION FEE	Apr 24				65.86	0.00002795	0.00002795		0.00	
SEVERANCE TAX	Apr 24				52.59	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Apr 24				(383.75)	0.00002795	0.00002795		(0.01)	
FUEL	Apr 24				416.77	0.00002795	0.00002795		0.01	
PROCESSING	Apr 24				427.19	0.00002795	0.00002795		0.01	
ROYALTY INTEREST	Apr 24	1.1350	7,537.00	0.08	588.50	0.00002795	0.00002795	0.21	0.02	
AD VALOREM TAX	Apr 24				(35.31)	0.00002795	0.00002795		0.00	
GATHERING - NOBLE	Apr 24				76.47	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Apr 24				(88.0)	0.00002795	0.00002795		0.00	
FRACTIONATION FEE	Apr 24				(65.86)	0.00002795	0.00002795		0.00	
SEVERANCE TAX	Apr 24				(5.89)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Apr 24				(1,951.60)	0.00002795	0.00002795		(0.05)	
FUEL	Apr 24				4,253.92	0.00002795	0.00002795		0.12	
PROCESSING	Apr 24				(427.19)	0.00002795	0.00002795		(0.01)	
ROYALTY INTEREST	Sep 24	1.0900	3.00	1.88	5.63	0.00002795	0.00002795	0.00	0.00	
AD VALOREM TAX	Sep 24				(0.34)	0.00002795	0.00002795		0.00	
RIMROCK GATH/PROC	Sep 24				(3.53)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Sep 24				(0.01)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Sep 24				1.77	0.00002795	0.00002795		0.00	
SEVERANCE TAX	Sep 24				(0.06)	0.00002795	0.00002795		0.00	
ROYALTY INTEREST	Sep 24	1.1310	4,457.00	1.57	7,005.34	0.00002795	0.00002795	0.12	0.20	
AD VALOREM TAX	Sep 24				(420.32)	0.00002795	0.00002795		(0.01)	
FRACTIONATION FEE	Sep 24				(100.64)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Sep 24				(10.51)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Sep 24				741.99	0.00002795	0.00002795		0.02	
SEVERANCE TAX	Sep 24				(70.05)	0.00002795	0.00002795		0.00	
FUEL	Sep 24				(587.45)	0.00002795	0.00002795		(0.02)	
PROCESSING	Sep 24				(896.54)	0.00002795	0.00002795		(0.03)	
ROYALTY INTEREST	Oct 24	1.0910	650.00	1.80	1,171.99	0.00002795	0.00002795	0.02	0.03	
AD VALOREM TAX	Oct 24				(70.32)	0.00002795	0.00002795		0.00	
RIMROCK GATH/PROC	Oct 24				(712.45)	0.00002795	0.00002795		(0.02)	
CONSERVATION TAX	Oct 24				(1.76)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Oct 24				356.23	0.00002795	0.00002795		0.01	
SEVERANCE TAX	Oct 24				(11.72)	0.00002795	0.00002795		0.00	
ROYALTY INTEREST	Oct 24	1.1310	4,108.00	2.22	9,117.46	0.00002795	0.00002795	0.11	0.25	
AD VALOREM TAX	Oct 24				(547.05)	0.00002795	0.00002795		(0.02)	
FRACTIONATION FEE	Oct 24				(113.76)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Oct 24				(13.68)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Oct 24				986.38	0.00002795	0.00002795		0.03	
SEVERANCE TAX	Oct 24				(91.17)	0.00002795	0.00002795		0.00	
FUEL	Oct 24				(794.45)	0.00002795	0.00002795		(0.02)	
PROCESSING	Oct 24			_	(1,178.30)	0.00002795	0.00002795	_	(0.03)	
ROYALTY INTEREST	Nov 24	1.1310	3,342.00	2.47	8,268.86	0.00002795	0.00002795	0.09	0.23	
AD VALOREM TAX	Nov 24				(496.13)	0.00002795	0.00002795		(0.01)	

	Туре		Property Values				Owner Share			
		Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	FRACTIONATION FEE	Nov 24				(91.00)	0.00002795	0.00002795		0.00
	CONSERVATION TAX	Nov 24				(12.40)	0.00002795	0.00002795		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				924.11	0.00002795	0.00002795		0.03
	SEVERANCE TAX	Nov 24				(82.69)	0.00002795	0.00002795		0.00
	FUEL	Nov 24				(770.51)	0.00002795	0.00002795		(0.02)
	PROCESSING	Nov 24				(1,077.71)	0.00002795	0.00002795		(0.03)
	ROYALTY INTEREST	Nov 24	1.0910	993.00	1.80	1,790.52	0.00002795	0.00002795	0.03	0.05
	AD VALOREM TAX	Nov 24				(107.43)	0.00002795	0.00002795		0.00
	RIMROCK GATH/PROC	Nov 24				(1,135.50)	0.00002795	0.00002795		(0.03)
	CONSERVATION TAX	Nov 24				(2.69)	0.00002795	0.00002795		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				567.75	0.00002795	0.00002795		0.02
	SEVERANCE TAX	Nov 24				(17.91)	0.00002795	0.00002795		0.00
							1	Total GAS	0.47	0.58
GAS LEASE USE	ROYALTY INTEREST	Sep 24		869.00		0.00	0.00002795	0.00002795	0.02	0.00
	ROYALTY INTEREST	Oct 24		929.00		0.00	0.00002795	0.00002795	0.03	0.00
	ROYALTY INTEREST	Nov 24		841.00		0.00	0.00002795	0.00002795	0.02	0.00
							Total GA	S LEASE USE	0.07	0.00
OIL	ROYALTY INTEREST	Oct 24		827.04	71.57	59,188.43	0.00002795	0.00002795	0.02	1.65
	AD VALOREM TAX	Oct 24		027.04	71.57		0.00002795	0.00002795	0.02	(0.10)
	CONSERVATION TAX	Oct 24				(3,551.31)	0.00002795	0.00002795		0.00
	SEVERANCE TAX	Oct 24				(88.78) (591.88)	0.00002795	0.00002795		(0.02)
	ROYALTY INTEREST	Nov 24		912.98	69.23	63,210.05	0.00002795	0.00002795	0.03	1.77
	AD VALOREM TAX	Nov 24		912.90	09.23	(3,792.60)	0.00002795	0.00002795	0.03	(0.11)
	CONSERVATION TAX	Nov 24				(94.82)	0.00002795	0.00002795		0.00
	SEVERANCE TAX	Nov 24					0.00002795	0.00002795		(0.02)
	ROYALTY INTEREST	Dec 24		850.99	69.12	(632.10) 58,819.28	0.00002795	0.00002795	0.02	1.64
	AD VALOREM TAX	Dec 24		650.99	09.12		0.00002795	0.00002795	0.02	
	CONSERVATION TAX					(3,529.16)	0.00002795			(0.10)
	SEVERANCE TAX	Dec 24				(88.23)	0.00002795	0.00002795 0.00002795		0.00
	SEVERANCE IAX	Dec 24				(588.19)	0.00002795	Total OIL	0.07	(0.02) <b>4.69</b>
PRODUCTS						(= === = · · ·			(2.22)	()
	ROYALTY INTEREST	Apr 24		(14,079.83)	0.52	(7,275.01)	0.00002795	0.00002795	(0.39)	(0.20)
	AD VALOREM TAX	Apr 24				436.50	0.00002795	0.00002795		0.01
	PWH EXP CREDIT TO RI/OR	Apr 24				(1,080.34)	0.00002795	0.00002795		(0.03)
	CONSERVATION TAX	Apr 24				10.91	0.00002795	0.00002795		0.00
	PROCESSING	Apr 24				2,160.68	0.00002795	0.00002795		0.06
	SEVERANCE TAX	Apr 24			_	72.75	0.00002795	0.00002795		0.00
	ROYALTY INTEREST	Apr 24		14,079.83	0.55	7,765.75	0.00002795	0.00002795	0.39	0.22
	AD VALOREM TAX	Apr 24				(465.95)	0.00002795	0.00002795		(0.01)
	PWH EXP CREDIT TO RI/OR	Apr 24				1,153.21	0.00002795	0.00002795		0.03
	CONSERVATION TAX	Apr 24				(11.65)	0.00002795	0.00002795		0.00
	PROCESSING	Apr 24				(2,306.43)	0.00002795	0.00002795		(0.06)
	SEVERANCE TAX	Apr 24				(77.66)	0.00002795	0.00002795		0.00

		Prop	Owner Share					
Туре	Production Date	BTU Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Valu
ROYALTY INTEREST	Sep 24	23.00	0.74	16.91	0.00002795	0.00002795	0.00	0.0
AD VALOREM TAX	Sep 24			(1.01)	0.00002795	0.00002795		0.0
PWH EXP CREDIT TO RI/OR	Sep 24			1.77	0.00002795	0.00002795		0.0
CONSERVATION TAX	Sep 24			(0.03)	0.00002795	0.00002795		0.0
PROCESSING	Sep 24			(3.53)	0.00002795	0.00002795		0.0
SEVERANCE TAX	Sep 24			(0.17)	0.00002795	0.00002795		0.0
ROYALTY INTEREST	Sep 24	25,682.86	0.48	12,433.38	0.00002795	0.00002795	0.72	0.3
AD VALOREM TAX	Sep 24			(746.00)	0.00002795	0.00002795		(0.0)
PWH EXP CREDIT TO RI/OR	Sep 24			1,846.36	0.00002795	0.00002795		0.0
CONSERVATION TAX	Sep 24			(18.65)	0.00002795	0.00002795		0.0
PROCESSING	Sep 24			(3,692.71)	0.00002795	0.00002795		(0.1
SEVERANCE TAX	Sep 24			(124.33)	0.00002795	0.00002795		0.0
ROYALTY INTEREST	Oct 24	3,472.00	0.61	2,106.98	0.00002795	0.00002795	0.10	0.0
AD VALOREM TAX	Oct 24			(126.42)	0.00002795	0.00002795		0.0
PWH EXP CREDIT TO RI/OR	Oct 24			356.23	0.00002795	0.00002795		0.0
CONSERVATION TAX	Oct 24			(3.16)	0.00002795	0.00002795		0.0
PROCESSING	Oct 24			(712.45)	0.00002795	0.00002795		(0.0)
SEVERANCE TAX	Oct 24			(21.07)	0.00002795	0.00002795		0.0
ROYALTY INTEREST	Oct 24	24,005.96	0.58	14,013.66	0.00002795	0.00002795	0.67	0.3
AD VALOREM TAX	Oct 24			(840.82)	0.00002795	0.00002795		(0.0)
PWH EXP CREDIT TO RI/OR	Oct 24			2,081.03	0.00002795	0.00002795		0.0
CONSERVATION TAX	Oct 24			(21.02)	0.00002795	0.00002795		0.0
PROCESSING	Oct 24			(4,162.06)	0.00002795	0.00002795		(0.12
SEVERANCE TAX	Oct 24			(140.14)	0.00002795	0.00002795		0.0
ROYALTY INTEREST	Nov 24	20,204.31	0.58	11,698.39	0.00002795	0.00002795	0.56	0.3
AD VALOREM TAX	Nov 24			(701.90)	0.00002795	0.00002795		(0.0)
PWH EXP CREDIT TO RI/OR	Nov 24			1,737.21	0.00002795	0.00002795		0.0
CONSERVATION TAX	Nov 24			(17.55)	0.00002795	0.00002795		0.0
PROCESSING	Nov 24			(3,474.42)	0.00002795	0.00002795		(0.1
SEVERANCE TAX	Nov 24			(116.98)	0.00002795	0.00002795		0.0
ROYALTY INTEREST	Nov 24	5,912.00	0.64	3,770.49	0.00002795	0.00002795	0.17	0.1
AD VALOREM TAX	Nov 24	,		(226.23)	0.00002795	0.00002795		(0.0)
PWH EXP CREDIT TO RI/OR	Nov 24			567.75	0.00002795	0.00002795		0.0
CONSERVATION TAX	Nov 24			(5.66)	0.00002795	0.00002795		0.0
PROCESSING	Nov 24			(1,135.50)	0.00002795	0.00002795		(0.0
SEVERANCE TAX	Nov 24			(37.70)	0.00002795	0.00002795		0.0
				,		al PRODUCTS	2.22	1.0
						Total Property		6.2

HESTER FARMS II I-31-32HN, State: CO, County: WELD Property: 41884 GAS **ROYALTY INTEREST** Apr 24 (6,392.00)1.37 (8,747.39) 0.00002795 (0.18)(0.24)1.1350 0.00002795 AD VALOREM TAX Apr 24 524.84 0.00002795 0.01 0.00002795 **GATHERING - NOBLE** Apr 24 (127.20)0.00002795 0.00002795 0.00

			Property Values			Owner Share			
Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
CONSERVATION TAX	Apr 24				13.12	0.00002795	0.00002795		0.00
FRACTIONATION FEE	Apr 24				109.54	0.00002795	0.00002795		0.00
SEVERANCE TAX	Apr 24				87.47	0.00002795	0.00002795		0.00
PWH EXP CREDIT TO RI/OR	Apr 24				(638.27)	0.00002795	0.00002795		(0.02)
FUEL	Apr 24				693.20	0.00002795	0.00002795		0.02
PROCESSING	Apr 24				710.53	0.00002795	0.00002795		0.02
ROYALTY INTEREST	Apr 24	1.1350	12,535.00	0.08	978.82	0.00002795	0.00002795	0.35	0.03
AD VALOREM TAX	Apr 24				(58.73)	0.00002795	0.00002795		0.00
GATHERING - NOBLE	Apr 24				127.20	0.00002795	0.00002795		0.00
CONSERVATION TAX	Apr 24				(1.47)	0.00002795	0.00002795		0.00
FRACTIONATION FEE	Apr 24				(109.54)	0.00002795	0.00002795		0.00
SEVERANCE TAX	Apr 24				(9.79)	0.00002795	0.00002795		0.00
PWH EXP CREDIT TO RI/OR	Apr 24				(3,246.02)	0.00002795	0.00002795		(0.09)
FUEL	Apr 24				7,075.37	0.00002795	0.00002795		0.20
PROCESSING	Apr 24				(710.53)	0.00002795	0.00002795		(0.02)
ROYALTY INTEREST	Sep 24	1.0900	3.00	1.62	4.86	0.00002795	0.00002795	0.00	0.00
AD VALOREM TAX	Sep 24				(0.29)	0.00002795	0.00002795		0.00
RIMROCK GATH/PROC	Sep 24				(3.05)	0.00002795	0.00002795		0.00
CONSERVATION TAX	Sep 24				(0.01)	0.00002795	0.00002795		0.00
PWH EXP CREDIT TO RI/OR	Sep 24				1.52	0.00002795	0.00002795		0.00
SEVERANCE TAX	Sep 24				(0.05)	0.00002795	0.00002795		0.00
ROYALTY INTEREST	Sep 24	1.1310	3,849.00	1.57	6,048.62	0.00002795	0.00002795	0.11	0.17
AD VALOREM TAX	Sep 24				(362.92)	0.00002795	0.00002795		(0.01)
FRACTIONATION FEE	Sep 24				(86.89)	0.00002795	0.00002795		0.00
CONSERVATION TAX	Sep 24				(9.07)	0.00002795	0.00002795		0.00
PWH EXP CREDIT TO RI/OR	Sep 24				640.66	0.00002795	0.00002795		0.02
SEVERANCE TAX	Sep 24				(60.49)	0.00002795	0.00002795		0.00
FUEL	Sep 24				(507.22)	0.00002795	0.00002795		(0.01)
PROCESSING	Sep 24				(774.10)	0.00002795	0.00002795		(0.02)
ROYALTY INTEREST	Oct 24	1.0910	279.00	1.80	503.33	0.00002795	0.00002795	0.01	0.01
AD VALOREM TAX	Oct 24				(30.20)	0.00002795	0.00002795		0.00
RIMROCK GATH/PROC	Oct 24				(305.97)	0.00002795	0.00002795		(0.01)
CONSERVATION TAX	Oct 24				(0.75)	0.00002795	0.00002795		0.00
PWH EXP CREDIT TO RI/OR	Oct 24				152.99	0.00002795	0.00002795		0.00
SEVERANCE TAX	Oct 24				(5.03)	0.00002795	0.00002795		0.00
ROYALTY INTEREST	Oct 24	1.1310	1,764.00	2.22	3,915.59	0.00002795	0.00002795	0.05	0.11
AD VALOREM TAX	Oct 24				(234.94)	0.00002795	0.00002795		(0.01)
FRACTIONATION FEE	Oct 24				(48.85)	0.00002795	0.00002795		0.00
CONSERVATION TAX	Oct 24				(5.87)	0.00002795	0.00002795		0.00
PWH EXP CREDIT TO RI/OR	Oct 24				423.61	0.00002795	0.00002795		0.01
SEVERANCE TAX	Oct 24				(39.16)	0.00002795	0.00002795		0.00
FUEL	Oct 24				(341.18)	0.00002795	0.00002795		(0.01)
PROCESSING	Oct 24				(506.03)	0.00002795	0.00002795		(0.01)
ROYALTY INTEREST	Nov 24	1.1310	2,753.00	2.47	6,812.17	0.00002795	0.00002795	0.08	0.19

				Owner Share						
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	AD VALOREM TAX	Nov 24				(408.73)	0.00002795	0.00002795		(0.01)
	FRACTIONATION FEE	Nov 24				(74.97)	0.00002795	0.00002795		0.00
	CONSERVATION TAX	Nov 24				(10.22)	0.00002795	0.00002795		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				761.31	0.00002795	0.00002795		0.02
	SEVERANCE TAX	Nov 24				(68.12)	0.00002795	0.00002795		0.00
	FUEL	Nov 24				(634.77)	0.00002795	0.00002795		(0.02)
	PROCESSING	Nov 24				(887.85)	0.00002795	0.00002795		(0.02)
	ROYALTY INTEREST	Nov 24	1.0910	818.00	1.80	1,475.09	0.00002795	0.00002795	0.02	0.04
	AD VALOREM TAX	Nov 24				(88.51)	0.00002795	0.00002795		0.00
	RIMROCK GATH/PROC	Nov 24				(935.46)	0.00002795	0.00002795		(0.03)
	CONSERVATION TAX	Nov 24				(2.21)	0.00002795	0.00002795		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				467.73	0.00002795	0.00002795		0.01
	SEVERANCE TAX	Nov 24				(14.75)	0.00002795	0.00002795		0.00
						()	0.00002.00	Total GAS	0.44	0.33
GAS LEASE USE										
	ROYALTY INTEREST	Sep 24		695.00		0.00	0.00002795	0.00002795	0.02	0.00
	ROYALTY INTEREST	Oct 24		590.00		0.00	0.00002795	0.00002795	0.02	0.00
	ROYALTY INTEREST	Nov 24		799.00		0.00	0.00002795	0.00002795	0.02	0.00
OIL							Iotal GA	S LEASE USE	0.06	0.00
OIL	ROYALTY INTEREST	Oct 24		595.03	71.57	42,584.18	0.00002795	0.00002795	0.02	1.19
	AD VALOREM TAX	Oct 24				(2,555.05)	0.00002795	0.00002795		(0.07)
	CONSERVATION TAX	Oct 24				(63.88)	0.00002795	0.00002795		0.00
	SEVERANCE TAX	Oct 24				(425.84)	0.00002795	0.00002795		(0.01)
	ROYALTY INTEREST	Nov 24		746.98	69.24	51,717.32	0.00002795	0.00002795	0.02	1.45
	AD VALOREM TAX	Nov 24				(3,103.04)	0.00002795	0.00002795		(0.09)
	CONSERVATION TAX	Nov 24				(77.58)	0.00002795	0.00002795		0.00
	SEVERANCE TAX	Nov 24				(517.17)	0.00002795	0.00002795		(0.01)
	ROYALTY INTEREST	Dec 24		715.99	69.12	49,488.37	0.00002795	0.00002795	0.02	1.38
	AD VALOREM TAX	Dec 24				(2,969.30)	0.00002795	0.00002795		(0.08)
	CONSERVATION TAX	Dec 24				(74.23)	0.00002795	0.00002795		0.00
	SEVERANCE TAX	Dec 24				(494.88)	0.00002795	0.00002795		(0.01)
						()		Total OIL	0.06	3.75
PRODUCTS										
	ROYALTY INTEREST	Apr 24		(23,418.40)	0.52	(12,100.23)	0.00002795	0.00002795	(0.65)	(0.34)
	AD VALOREM TAX	Apr 24				726.01	0.00002795	0.00002795		0.02
	PWH EXP CREDIT TO RI/OR	Apr 24				(1,796.88)	0.00002795	0.00002795		(0.05)
	CONSERVATION TAX	Apr 24				18.15	0.00002795	0.00002795		0.00
	PROCESSING	Apr 24				3,593.77	0.00002795	0.00002795		0.10
	SEVERANCE TAX	Apr 24				121.00	0.00002795	0.00002795		0.00
	ROYALTY INTEREST	Apr 24		23,418.40	0.55	12,916.45	0.00002795	0.00002795	0.65	0.36
	AD VALOREM TAX	Apr 24				(774.99)	0.00002795	0.00002795		(0.02)
	PWH EXP CREDIT TO RI/OR	Apr 24				1,918.09	0.00002795	0.00002795		0.05
	CONSERVATION TAX	Apr 24				(19.37)	0.00002795	0.00002795		0.00
	PROCESSING	Apr 24				(3,836.19)	0.00002795	0.00002795		(0.11)

GAS

**ROYALTY INTEREST** 

AD VALOREM TAX

		Prope	rty Values			Owner	Share	
Туре	Production Date	BTU Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Valu
SEVERANCE TAX	Apr 24			(129.16)	0.00002795	0.00002795		0.00
ROYALTY INTEREST	Sep 24	20.00	0.73	14.60	0.00002795	0.00002795	0.00	0.00
AD VALOREM TAX	Sep 24			(0.88)	0.00002795	0.00002795		0.00
PWH EXP CREDIT TO RI/OR	Sep 24			1.52	0.00002795	0.00002795		0.00
CONSERVATION TAX	Sep 24			(0.02)	0.00002795	0.00002795		0.00
PROCESSING	Sep 24			(3.05)	0.00002795	0.00002795		0.00
SEVERANCE TAX	Sep 24			(0.15)	0.00002795	0.00002795		0.00
ROYALTY INTEREST	Sep 24	22,175.37	0.48	10,735.36	0.00002795	0.00002795	0.62	0.30
AD VALOREM TAX	Sep 24			(644.12)	0.00002795	0.00002795		(0.02)
PWH EXP CREDIT TO RI/OR	Sep 24			1,594.20	0.00002795	0.00002795		0.04
CONSERVATION TAX	Sep 24			(16.10)	0.00002795	0.00002795		0.00
PROCESSING	Sep 24			(3,188.40)	0.00002795	0.00002795		(0.09)
SEVERANCE TAX	Sep 24			(107.35)	0.00002795	0.00002795		0.00
ROYALTY INTEREST	Oct 24	1,491.00	0.61	904.87	0.00002795	0.00002795	0.04	0.03
AD VALOREM TAX	Oct 24			(54.29)	0.00002795	0.00002795		0.00
PWH EXP CREDIT TO RI/OR	Oct 24			152.99	0.00002795	0.00002795		0.00
CONSERVATION TAX	Oct 24			(1.36)	0.00002795	0.00002795		0.00
PROCESSING	Oct 24			(305.97)	0.00002795	0.00002795		(0.01)
SEVERANCE TAX	Oct 24			(9.05)	0.00002795	0.00002795		0.00
ROYALTY INTEREST	Oct 24	10,309.62	0.58	6,018.32	0.00002795	0.00002795	0.29	0.17
AD VALOREM TAX	Oct 24	,,,,,,,		(361.10)	0.00002795	0.00002795		(0.01)
PWH EXP CREDIT TO RI/OR	Oct 24			893.72	0.00002795	0.00002795		0.02
CONSERVATION TAX	Oct 24			(9.03)	0.00002795	0.00002795		0.00
PROCESSING	Oct 24			(1,787.44)	0.00002795	0.00002795		(0.05)
SEVERANCE TAX	Oct 24			(60.18)	0.00002795	0.00002795		0.00
ROYALTY INTEREST	Nov 24	16,645.01	0.58	9,637.53	0.00002795	0.00002795	0.47	0.27
AD VALOREM TAX	Nov 24	,		(578.25)	0.00002795	0.00002795		(0.02)
PWH EXP CREDIT TO RI/OR	Nov 24			1,431.17	0.00002795	0.00002795		0.04
CONSERVATION TAX	Nov 24			(14.46)	0.00002795	0.00002795		0.00
PROCESSING	Nov 24			(2,862.35)	0.00002795	0.00002795		(0.08)
SEVERANCE TAX	Nov 24			(96.38)	0.00002795	0.00002795		0.00
ROYALTY INTEREST	Nov 24	4,871.00	0.64	3,106.26	0.00002795	0.00002795	0.14	0.09
AD VALOREM TAX	Nov 24	.,		(186.38)	0.00002795	0.00002795		(0.01)
PWH EXP CREDIT TO RI/OR	Nov 24			467.73	0.00002795	0.00002795		0.01
CONSERVATION TAX	Nov 24			(4.66)	0.00002795	0.00002795		0.00
PROCESSING	Nov 24			(935.46)	0.00002795	0.00002795		(0.03)
SEVERANCE TAX	Nov 24			(31.06)	0.00002795	0.00002795		0.00
				(/		al PRODUCTS	1.56	0.66
						Total Property		4.74

 Apr 24
 1.1350
 (8,017.00)
 1.37
 (10,970.93)
 0.00002795
 0.00002795
 (0.22)
 (0.31)

 Apr 24
 658.26
 0.00002795
 0.00002795
 0.00002795
 0.00002795

	Property Values					Owner Share				
Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
GATHERING - NOBLE	Apr 24				(159.53)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Apr 24				16.46	0.00002795	0.00002795		0.00	
FRACTIONATION FEE	Apr 24				137.39	0.00002795	0.00002795		0.00	
SEVERANCE TAX	Apr 24				109.71	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Apr 24				(800.51)	0.00002795	0.00002795		(0.02)	
FUEL	Apr 24				869.41	0.00002795	0.00002795		0.02	
PROCESSING	Apr 24				891.14	0.00002795	0.00002795		0.02	
ROYALTY INTEREST	Apr 24	1.1350	15,722.00	0.08	1,227.64	0.00002795	0.00002795	0.44	0.03	
AD VALOREM TAX	Apr 24				(73.66)	0.00002795	0.00002795		0.00	
GATHERING - NOBLE	Apr 24				159.53	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Apr 24				(1.84)	0.00002795	0.00002795		0.00	
FRACTIONATION FEE	Apr 24				(137.39)	0.00002795	0.00002795		0.00	
SEVERANCE TAX	Apr 24				(12.28)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Apr 24				(4,071.13)	0.00002795	0.00002795		(0.11)	
FUEL	Apr 24				8,873.88	0.00002795	0.00002795		0.25	
PROCESSING	Apr 24				(891.14)	0.00002795	0.00002795		(0.02)	
ROYALTY INTEREST	Sep 24	1.0900	4.00	1.63	6.53	0.00002795	0.00002795	0.00	0.00	
AD VALOREM TAX	Sep 24				(0.39)	0.00002795	0.00002795		0.00	
RIMROCK GATH/PROC	Sep 24				(4.10)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Sep 24				(0.01)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Sep 24				2.05	0.00002795	0.00002795		0.00	
SEVERANCE TAX	Sep 24				(0.07)	0.00002795	0.00002795		0.00	
ROYALTY INTEREST	Sep 24	1.1310	5,174.00	1.57	8,131.47	0.00002795	0.00002795	0.14	0.23	
AD VALOREM TAX	Sep 24				(487.89)	0.00002795	0.00002795		(0.01)	
FRACTIONATION FEE	Sep 24				(116.81)	0.00002795	0.00002795		0.00	
CONSERVATION TAX	Sep 24				(12.20)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Sep 24				861.27	0.00002795	0.00002795		0.02	
SEVERANCE TAX	Sep 24				(81.31)	0.00002795	0.00002795		0.00	
FUEL	Sep 24				(681.89)	0.00002795	0.00002795		(0.02)	
PROCESSING	Sep 24	4 0040	070.00	4.00	(1,040.66)	0.00002795	0.00002795	0.00	(0.03)	
ROYALTY INTEREST	Oct 24	1.0910	678.00	1.80	1,222.50	0.00002795	0.00002795	0.02	0.03	
AD VALOREM TAX	Oct 24				(73.35)	0.00002795	0.00002795		0.00	
RIMROCK GATH/PROC	Oct 24				(743.16)	0.00002795	0.00002795		(0.02)	
CONSERVATION TAX	Oct 24				(1.83)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Oct 24				371.58	0.00002795	0.00002795		0.01	
SEVERANCE TAX	Oct 24	1 1210	4 205 00	2.22	(12.23)	0.00002795	0.00002795	0.10	0.00 0.27	
ROYALTY INTEREST	Oct 24	1.1310	4,285.00	2.22	9,510.36	0.00002795	0.00002795	0.12		
AD VALOREM TAX FRACTIONATION FEE	Oct 24				(570.62)	0.00002795	0.00002795		(0.02)	
	Oct 24 Oct 24				(118.66)	0.00002795	0.00002795		0.00	
CONSERVATION TAX					(14.27)	0.00002795	0.00002795		0.00	
PWH EXP CREDIT TO RI/OR	Oct 24				1,028.88	0.00002795	0.00002795		0.03	
SEVERANCE TAX FUEL	Oct 24 Oct 24				(95.10)	0.00002795 0.00002795	0.00002795 0.00002795		0.00	
PROCESSING					(828.68)				(0.02)	
PROCESSING	Oct 24				(1,229.08)	0.00002795	0.00002795		(0.03)	

			Property Values					Owner Share				
	Туре	Production Date	ВТИ	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value		
	ROYALTY INTEREST	Nov 24	1.1310	5,194.00	2.47	12,850.20	0.00002795	0.00002795	0.15	0.36		
	AD VALOREM TAX	Nov 24				(771.01)	0.00002795	0.00002795		(0.02)		
	FRACTIONATION FEE	Nov 24				(141.42)	0.00002795	0.00002795		0.00		
	CONSERVATION TAX	Nov 24				(19.28)	0.00002795	0.00002795		0.00		
	PWH EXP CREDIT TO RI/OR	Nov 24				1,436.11	0.00002795	0.00002795		0.04		
	SEVERANCE TAX	Nov 24				(128.50)	0.00002795	0.00002795		0.00		
	FUEL	Nov 24				(1,197.41)	0.00002795	0.00002795		(0.03)		
	PROCESSING	Nov 24				(1,674.81)	0.00002795	0.00002795		(0.05)		
	ROYALTY INTEREST	Nov 24	1.0910	1,543.00	1.80	2,782.55	0.00002795	0.00002795	0.04	0.08		
	AD VALOREM TAX	Nov 24				(166.95)	0.00002795	0.00002795		0.00		
	RIMROCK GATH/PROC	Nov 24				(1,764.62)	0.00002795	0.00002795		(0.05)		
	CONSERVATION TAX	Nov 24				(4.17)	0.00002795	0.00002795		0.00		
	PWH EXP CREDIT TO RI/OR	Nov 24				882.31	0.00002795	0.00002795		0.02		
	SEVERANCE TAX	Nov 24				(27.83)	0.00002795	0.00002795		0.00		
	-					( /		Total GAS	0.69	0.67		
GAS LEASE USE	ROYALTY INTEREST	Sep 24		771.00		0.00	0.00002795	0.00002795	0.02	0.00		
	ROYALTY INTEREST	Oct 24		769.00		0.00	0.00002795	0.00002795	0.02	0.00		
	ROYALTY INTEREST	Nov 24		981.00		0.00	0.00002795	0.00002795	0.03	0.00		
	Nomen interest	1107 24		301.00		0.00		S LEASE USE	0.07	0.00		
OIL												
	ROYALTY INTEREST	Oct 24		690.03	71.57	49,383.33	0.00002795	0.00002795	0.02	1.38		
	AD VALOREM TAX	Oct 24				(2,963.00)	0.00002795	0.00002795		(80.0)		
	CONSERVATION TAX	Oct 24				(74.07)	0.00002795	0.00002795		0.00		
	SEVERANCE TAX	Oct 24				(493.83)	0.00002795	0.00002795		(0.01)		
	ROYALTY INTEREST	Nov 24		869.98	69.23	60,233.02	0.00002795	0.00002795	0.02	1.68		
	AD VALOREM TAX	Nov 24				(3,613.98)	0.00002795	0.00002795		(0.10)		
	CONSERVATION TAX	Nov 24				(90.35)	0.00002795	0.00002795		0.00		
	SEVERANCE TAX	Nov 24				(602.33)	0.00002795	0.00002795		(0.02)		
	ROYALTY INTEREST	Dec 24		812.99	69.12	56,192.80	0.00002795	0.00002795	0.02	1.57		
	AD VALOREM TAX	Dec 24				(3,371.57)	0.00002795	0.00002795		(0.09)		
	CONSERVATION TAX	Dec 24				(84.29)	0.00002795	0.00002795		0.00		
	SEVERANCE TAX	Dec 24				(561.93)	0.00002795	0.00002795		(0.02)		
PRODUCTS								Total OIL	0.06	4.31		
TAODOOTO	ROYALTY INTEREST	Apr 24		(29,371.21)	0.52	(15,176.03)	0.00002795	0.00002795	(0.82)	(0.42)		
	AD VALOREM TAX	Apr 24		,,		910.56	0.00002795	0.00002795	(/	0.03		
	PWH EXP CREDIT TO RI/OR	Apr 24				(2,253.64)		0.00002795		(0.06)		
	CONSERVATION TAX	Apr 24				22.76	0.00002795	0.00002795		0.00		
	PROCESSING	Apr 24				4,507.28	0.00002795	0.00002795		0.13		
	SEVERANCE TAX	Apr 24				151.76	0.00002795	0.00002795		0.00		
	ROYALTY INTEREST	Apr 24		29,371.21	0.55	16,199.73	0.00002795	0.00002795	0.82	0.45		
	AD VALOREM TAX	Apr 24		_0,011.21	3.00	(971.98)	0.00002795	0.00002795	0.02	(0.03)		
	PWH EXP CREDIT TO RI/OR	Apr 24				2,405.66	0.00002795	0.00002795		0.03)		
	CONSERVATION TAX	Apr 24				(24.30)	0.00002795	0.00002795		0.00		
	CONSLITATION IAX	Apr 24				· · · · · · · · · · · · · · · · · · ·	0.00002795	0.00002790		0.00		

Check	Number	ACH43080

			Proper	Owner Share					
Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Valu
PROCESSING	Apr 24				(4,811.32)	0.00002795	0.00002795		(0.1
SEVERANCE TAX	Apr 24				(162.00)	0.00002795	0.00002795		0.0
ROYALTY INTEREST	Sep 24		27.00	0.73	19.63	0.00002795	0.00002795	0.00	0.0
AD VALOREM TAX	Sep 24				(1.18)	0.00002795	0.00002795		0.0
PWH EXP CREDIT TO RI/OR	Sep 24				2.05	0.00002795	0.00002795		0.0
CONSERVATION TAX	Sep 24				(0.03)	0.00002795	0.00002795		0.0
PROCESSING	Sep 24				(4.10)	0.00002795	0.00002795		0.0
SEVERANCE TAX	Sep 24				(0.20)	0.00002795	0.00002795		0.0
ROYALTY INTEREST	Sep 24		29,811.42	0.48	14,432.06	0.00002795	0.00002795	0.83	0.40
AD VALOREM TAX	Sep 24				(865.92)	0.00002795	0.00002795		(0.02
PWH EXP CREDIT TO RI/OR	Sep 24				2,143.16	0.00002795	0.00002795		0.06
CONSERVATION TAX	Sep 24				(21.65)	0.00002795	0.00002795		0.00
PROCESSING	Sep 24				(4,286.32)	0.00002795	0.00002795		(0.12
SEVERANCE TAX	Sep 24				(144.32)	0.00002795	0.00002795		0.00
ROYALTY INTEREST	Oct 24		3,621.00	0.61	2,197.78	0.00002795	0.00002795	0.10	0.06
AD VALOREM TAX	Oct 24		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(131.87)	0.00002795	0.00002795		0.00
PWH EXP CREDIT TO RI/OR	Oct 24				371.58	0.00002795	0.00002795		0.0
CONSERVATION TAX	Oct 24				(3.30)	0.00002795	0.00002795		0.00
PROCESSING	Oct 24				(743.16)	0.00002795	0.00002795		(0.02
SEVERANCE TAX	Oct 24				(21.98)	0.00002795	0.00002795		0.00
ROYALTY INTEREST	Oct 24		25,040.46	0.58	14,617.56	0.00002795	0.00002795	0.70	0.4
AD VALOREM TAX	Oct 24				(877.05)	0.00002795	0.00002795		(0.02
PWH EXP CREDIT TO RI/OR	Oct 24				2,170.71	0.00002795	0.00002795		0.06
CONSERVATION TAX	Oct 24				(21.93)	0.00002795	0.00002795		0.00
PROCESSING	Oct 24				(4,341.42)	0.00002795	0.00002795		(0.12
SEVERANCE TAX	Oct 24				(146.18)	0.00002795	0.00002795		0.00
ROYALTY INTEREST	Nov 24		31,398.45	0.58	18,179.84	0.00002795	0.00002795	0.88	0.5
AD VALOREM TAX	Nov 24		.,,		(1,090.79)	0.00002795	0.00002795		(0.03
PWH EXP CREDIT TO RI/OR	Nov 24				2,699.71	0.00002795	0.00002795		0.08
CONSERVATION TAX	Nov 24				(27.27)	0.00002795	0.00002795		0.00
PROCESSING	Nov 24				(5,399.41)	0.00002795	0.00002795		(0.15
SEVERANCE TAX	Nov 24				(181.80)	0.00002795	0.00002795		(0.01
ROYALTY INTEREST	Nov 24		9,188.00	0.64	5,859.52	0.00002795	0.00002795	0.26	0.16
AD VALOREM TAX	Nov 24		-,		(351.57)	0.00002795	0.00002795		(0.01
PWH EXP CREDIT TO RI/OR	Nov 24				882.31	0.00002795	0.00002795		0.02
CONSERVATION TAX	Nov 24				(8.79)	0.00002795	0.00002795		0.00
PROCESSING	Nov 24				(1,764.62)	0.00002795	0.00002795		(0.05
SEVERANCE TAX	Nov 24				(58.60)	0.00002795	0.00002795		0.00
52.2.0.00E 1100	1107 21				(00.00)		I PRODUCTS	2.77	1.20
							Total Property		6.24

 Property:
 41886
 HESTER FARMS II K-31-32HN, State: CO, County: WELD

 GAS
 ROYALTY INTEREST
 Apr 24
 1.1350 (12,669.00)
 1.37 (17,337.97)
 0.00001423 0.00001423 (0.18) (0.25)

		Property Values					Owner Share				
Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value		
AD VALOREM TAX	Apr 24				1,040.28	0.00001423	0.00001423		0.01		
GATHERING - NOBLE	Apr 24				(252.11)	0.00001423	0.00001423		0.00		
CONSERVATION TAX	Apr 24				26.01	0.00001423	0.00001423		0.00		
FRACTIONATION FEE	Apr 24				217.12	0.00001423	0.00001423		0.00		
SEVERANCE TAX	Apr 24				173.38	0.00001423	0.00001423		0.00		
PWH EXP CREDIT TO RI/OR	Apr 24				(1,265.10)	0.00001423	0.00001423		(0.02)		
FUEL	Apr 24				1,373.98	0.00001423	0.00001423		0.02		
PROCESSING	Apr 24				1,408.32	0.00001423	0.00001423		0.02		
ROYALTY INTEREST	Apr 24	1.1350	24,846.00	0.08	1,940.09	0.00001423	0.00001423	0.35	0.03		
AD VALOREM TAX	Apr 24				(116.41)	0.00001423	0.00001423		0.00		
GATHERING - NOBLE	Apr 24				252.11	0.00001423	0.00001423		0.00		
CONSERVATION TAX	Apr 24				(2.91)	0.00001423	0.00001423		0.00		
FRACTIONATION FEE	Apr 24				(217.12)	0.00001423	0.00001423		0.00		
SEVERANCE TAX	Apr 24				(19.40)	0.00001423	0.00001423		0.00		
PWH EXP CREDIT TO RI/OR	Apr 24				(6,433.84)	0.00001423	0.00001423		(0.09)		
FUEL	Apr 24				14,023.89	0.00001423	0.00001423		0.20		
PROCESSING	Apr 24				(1,408.32)	0.00001423	0.00001423		(0.02)		
ROYALTY INTEREST	Sep 24	1.0900	8.00	1.79	14.34	0.00001423	0.00001423	0.00	0.00		
AD VALOREM TAX	Sep 24				(0.86)	0.00001423	0.00001423		0.00		
RIMROCK GATH/PROC	Sep 24				(8.99)	0.00001423	0.00001423		0.00		
CONSERVATION TAX	Sep 24				(0.02)	0.00001423	0.00001423		0.00		
PWH EXP CREDIT TO RI/OR	Sep 24				4.50	0.00001423	0.00001423		0.00		
SEVERANCE TAX	Sep 24				(0.14)	0.00001423	0.00001423		0.00		
ROYALTY INTEREST	Sep 24	1.1310	11,354.00	1.57	17,843.63	0.00001423	0.00001423	0.16	0.25		
AD VALOREM TAX	Sep 24				(1,070.62)	0.00001423	0.00001423		(0.02)		
FRACTIONATION FEE	Sep 24				(256.33)	0.00001423	0.00001423		0.00		
CONSERVATION TAX	Sep 24				(26.77)	0.00001423	0.00001423		0.00		
PWH EXP CREDIT TO RI/OR	Sep 24				1,889.97	0.00001423	0.00001423		0.03		
SEVERANCE TAX	Sep 24				(178.44)	0.00001423	0.00001423		0.00		
FUEL	Sep 24				(1,496.33)	0.00001423	0.00001423		(0.02)		
PROCESSING	Sep 24	4 0040	4 040 00	4.00	(2,283.61)	0.00001423	0.00001423	0.00	(0.03)		
ROYALTY INTEREST	Oct 24	1.0910	1,610.00	1.80	2,903.00	0.00001423	0.00001423	0.02	0.04		
AD VALOREM TAX	Oct 24				(174.18)	0.00001423	0.00001423 0.00001423		0.00		
RIMROCK GATH/PROC CONSERVATION TAX	Oct 24				(1,764.73)	0.00001423	0.00001423		(0.03)		
PWH EXP CREDIT TO RI/OR	Oct 24				(4.35) 882.36	0.00001423	0.00001423		0.00		
SEVERANCE TAX	Oct 24 Oct 24					0.00001423 0.00001423	0.00001423		0.01 0.00		
ROYALTY INTEREST	Oct 24	1.1310	10,175.00	2.22	(29.03) 22,583.75	0.00001423	0.00001423	0.14	0.00		
AD VALOREM TAX	Oct 24	1.1310	10,175.00	2.22	(1,355.03)	0.00001423	0.00001423	0.14	(0.02)		
FRACTIONATION FEE	Oct 24				(281.77)	0.00001423	0.00001423		0.02)		
CONSERVATION TAX	Oct 24				(33.88)	0.00001423	0.00001423		0.00		
PWH EXP CREDIT TO RI/OR	Oct 24				2,443.23	0.00001423	0.00001423		0.00		
SEVERANCE TAX	Oct 24				(225.84)	0.00001423	0.00001423		0.03		
FUEL FUEL	Oct 24				(1,967.83)	0.00001423	0.00001423		(0.03)		
I OLL	OGI 24				(1,307.03)	0.00001423	0.00001423		(0.03)		

			Property Values					Owner Share				
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value		
	PROCESSING	Oct 24				(2,918.62)	0.00001423	0.00001423		(0.04)		
	ROYALTY INTEREST	Nov 24	1.1310	7,666.00	2.47	18,965.04	0.00001423	0.00001423	0.11	0.27		
	AD VALOREM TAX	Nov 24				(1,137.90)	0.00001423	0.00001423		(0.02)		
	FRACTIONATION FEE	Nov 24				(208.71)	0.00001423	0.00001423		0.00		
	CONSERVATION TAX	Nov 24				(28.45)	0.00001423	0.00001423		0.00		
	PWH EXP CREDIT TO RI/OR	Nov 24				2,119.49	0.00001423	0.00001423		0.03		
	SEVERANCE TAX	Nov 24				(189.65)	0.00001423	0.00001423		0.00		
	FUEL	Nov 24				(1,767.20)	0.00001423	0.00001423		(0.03)		
	PROCESSING	Nov 24				(2,471.77)	0.00001423	0.00001423		(0.04)		
	ROYALTY INTEREST	Nov 24	1.0910	2,278.00	1.80	4,106.64	0.00001423	0.00001423	0.03	0.06		
	AD VALOREM TAX	Nov 24				(246.40)	0.00001423	0.00001423		0.00		
	RIMROCK GATH/PROC	Nov 24				(2,604.32)	0.00001423	0.00001423		(0.04)		
	CONSERVATION TAX	Nov 24				(6.16)	0.00001423	0.00001423		0.00		
	PWH EXP CREDIT TO RI/OR	Nov 24				1,302.16	0.00001423	0.00001423		0.02		
	SEVERANCE TAX	Nov 24				(41.07)	0.00001423	0.00001423		0.00		
CASIFASELISE								Total GAS	0.63	0.64		
GAS LEASE USE	ROYALTY INTEREST	Sep 24		1,266.00		0.00	0.00001423	0.00001423	0.02	0.00		
	ROYALTY INTEREST	Oct 24		1,365.00		0.00	0.00001423	0.00001423	0.02	0.00		
	ROYALTY INTEREST	Nov 24		1,162.00		0.00	0.00001423	0.00001423	0.02	0.00		
							Total GA	S LEASE USE	0.06	0.00		
OIL												
	ROYALTY INTEREST	Oct 24		1,360.06	71.57	97,335.26	0.00001423	0.00001423	0.02	1.39		
	AD VALOREM TAX	Oct 24				(5,840.12)	0.00001423	0.00001423		(80.0)		
	CONSERVATION TAX	Oct 24				(146.00)	0.00001423	0.00001423		0.00		
	SEVERANCE TAX	Oct 24				(973.35)	0.00001423	0.00001423		(0.01)		
	ROYALTY INTEREST	Nov 24		1,546.97	69.23	107,104.00	0.00001423	0.00001423	0.02	1.52		
	AD VALOREM TAX	Nov 24				(6,426.24)	0.00001423	0.00001423		(0.09)		
	CONSERVATION TAX	Nov 24				(160.66)	0.00001423	0.00001423		0.00		
	SEVERANCE TAX	Nov 24				(1,071.04)	0.00001423	0.00001423		(0.02)		
	ROYALTY INTEREST	Dec 24		1,363.98	69.12	94,276.73	0.00001423	0.00001423	0.02	1.34		
	AD VALOREM TAX	Dec 24				(5,656.60)	0.00001423	0.00001423		(80.0)		
	CONSERVATION TAX	Dec 24				(141.42)	0.00001423	0.00001423		0.00		
	SEVERANCE TAX	Dec 24				(942.77)	0.00001423	0.00001423		(0.01)		
PRODUCTS		1					I	Total OIL	0.06	3.96		
11000010	ROYALTY INTEREST	Apr 24		(46,416.95)	0.52	(23,983.52)	0.00001423	0.00001423	(0.66)	(0.34)		
	AD VALOREM TAX	Apr 24		•		1,439.01	0.00001423	0.00001423	. ,	0.02		
	PWH EXP CREDIT TO RI/OR	Apr 24				(3,561.55)	0.00001423	0.00001423		(0.05)		
	CONSERVATION TAX	Apr 24				35.98	0.00001423	0.00001423		0.00		
	PROCESSING	Apr 24				7,123.11	0.00001423	0.00001423		0.10		
	SEVERANCE TAX	Apr 24				239.84	0.00001423	0.00001423		0.00		
	ROYALTY INTEREST	Apr 24		46,416.95	0.55	25,601.34	0.00001423	0.00001423	0.66	0.36		
	AD VALOREM TAX	Apr 24		,		(1,536.08)	0.00001423	0.00001423		(0.02)		
	PWH EXP CREDIT TO RI/OR	Apr 24				3,801.80	0.00001423	0.00001423		0.05		
		Represented Unit of Measu	ra. Caa = MC	NE - Diseat Desider	-4 041 - 03							

Represented Unit of Measure: Gas = MCFs, Plant Products = GALs, Oil = BBLs

		Property Values				Owner Share			
Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
CONSERVATION TAX	Apr 24				(38.40)	0.00001423	0.00001423		0.00
PROCESSING	Apr 24				(7,603.60)	0.00001423	0.00001423		(0.11)
SEVERANCE TAX	Apr 24				(256.01)	0.00001423	0.00001423		0.00
ROYALTY INTEREST	Sep 24		58.00	0.74	43.08	0.00001423	0.00001423	0.00	0.00
AD VALOREM TAX	Sep 24				(2.58)	0.00001423	0.00001423		0.00
PWH EXP CREDIT TO RI/OR	Sep 24				4.50	0.00001423	0.00001423		0.00
CONSERVATION TAX	Sep 24				(0.06)	0.00001423	0.00001423		0.00
PROCESSING	Sep 24				(8.99)	0.00001423	0.00001423		0.00
SEVERANCE TAX	Sep 24				(0.43)	0.00001423	0.00001423		0.00
ROYALTY INTEREST	Sep 24	65	5,418.01	0.48	31,669.64	0.00001423	0.00001423	0.93	0.45
AD VALOREM TAX	Sep 24				(1,900.18)	0.00001423	0.00001423		(0.03)
PWH EXP CREDIT TO RI/OR	Sep 24				4,702.94	0.00001423	0.00001423		0.07
CONSERVATION TAX	Sep 24				(47.50)	0.00001423	0.00001423		0.00
PROCESSING	Sep 24				(9,405.88)	0.00001423	0.00001423		(0.13)
SEVERANCE TAX	Sep 24				(316.70)	0.00001423	0.00001423		0.00
ROYALTY INTEREST	Oct 24	8	8,599.00	0.61	5,218.94	0.00001423	0.00001423	0.12	0.07
AD VALOREM TAX	Oct 24				(313.14)	0.00001423	0.00001423		0.00
PWH EXP CREDIT TO RI/OR	Oct 24				882.36	0.00001423	0.00001423		0.01
CONSERVATION TAX	Oct 24				(7.83)	0.00001423	0.00001423		0.00
PROCESSING	Oct 24				(1,764.73)	0.00001423	0.00001423		(0.03)
SEVERANCE TAX	Oct 24				(52.19)	0.00001423	0.00001423		0.00
ROYALTY INTEREST	Oct 24	59	9,462.25	0.58	34,711.54	0.00001423	0.00001423	0.85	0.49
AD VALOREM TAX	Oct 24				(2,082.69)	0.00001423	0.00001423		(0.03)
PWH EXP CREDIT TO RI/OR	Oct 24				5,154.66	0.00001423	0.00001423		0.07
CONSERVATION TAX	Oct 24				(52.07)	0.00001423	0.00001423		0.00
PROCESSING	Oct 24				(10,309.33)	0.00001423	0.00001423		(0.15)
SEVERANCE TAX	Oct 24				(347.12)	0.00001423	0.00001423		0.00
ROYALTY INTEREST	Nov 24	46	6,339.61	0.58	26,830.84	0.00001423	0.00001423	0.66	0.38
AD VALOREM TAX	Nov 24				(1,609.85)	0.00001423	0.00001423		(0.02)
PWH EXP CREDIT TO RI/OR	Nov 24				3,984.38	0.00001423	0.00001423		0.06
CONSERVATION TAX	Nov 24				(40.25)	0.00001423	0.00001423		0.00
PROCESSING	Nov 24				(7,968.76)	0.00001423	0.00001423		(0.11)
SEVERANCE TAX	Nov 24				(268.31)	0.00001423	0.00001423		0.00
ROYALTY INTEREST	Nov 24	13	3,560.00	0.64	8,647.81	0.00001423	0.00001423	0.19	0.12
AD VALOREM TAX	Nov 24				(518.87)	0.00001423	0.00001423		(0.01)
PWH EXP CREDIT TO RI/OR	Nov 24				1,302.16	0.00001423	0.00001423		0.02
CONSERVATION TAX	Nov 24				(12.97)	0.00001423	0.00001423		0.00
PROCESSING	Nov 24				(2,604.32)	0.00001423	0.00001423		(0.04)
OF VEDANCE TAV									
SEVERANCE TAX	Nov 24				(86.48)	0.00001423	0.00001423		0.00
SEVERANCE IAX	Nov 24				(86.48)		0.00001423 II PRODUCTS	2.75	0.00 <b>1.20</b>

Property: 41887

HESTER FARMS II L-31-32HC, State: CO, County: WELD

GAS LEASE USE

Represented Unit of Measure: Gas = MCFs, Plant Products = GALs, Oil = BBLs

				Propei	rty Values			Owner	Share	
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	ROYALTY INTEREST	Sep 24		884.00		0.00	0.00001423	0.00001423	0.01	0.00
	ROYALTY INTEREST	Oct 24		868.00		0.00	0.00001423	0.00001423	0.01	0.00
	ROYALTY INTEREST	Nov 24		865.00		0.00	0.00001423	0.00001423	0.01	0.00
							Total GA	S LEASE USE	0.03	0.00
OIL										
	ROYALTY INTEREST	Oct 24		1,323.06	71.57	94,687.17	0.00001423	0.00001423	0.02	1.35
	AD VALOREM TAX	Oct 24				(5,681.23)	0.00001423	0.00001423		(80.0)
	CONSERVATION TAX	Oct 24				(142.03)	0.00001423	0.00001423		0.00
	SEVERANCE TAX	Oct 24				(946.87)	0.00001423	0.00001423		(0.01)
	ROYALTY INTEREST	Nov 24		1,530.97	69.23	105,996.26	0.00001423	0.00001423	0.02	1.51
	AD VALOREM TAX	Nov 24				(6,359.78)	0.00001423	0.00001423		(0.09)
	CONSERVATION TAX	Nov 24				(158.99)	0.00001423	0.00001423		0.00
	SEVERANCE TAX	Nov 24				(1,059.96)	0.00001423	0.00001423		(0.02)
	ROYALTY INTEREST	Dec 24		1,578.97	69.12	109,137.06	0.00001423	0.00001423	0.02	1.55
	AD VALOREM TAX	Dec 24				(6,548.22)	0.00001423	0.00001423		(0.09)
	CONSERVATION TAX	Dec 24				(163.71)	0.00001423	0.00001423		0.00
	SEVERANCE TAX	Dec 24				(1,091.37)	0.00001423	0.00001423		(0.02)
								Total OIL	0.06	4.10
								Total Property		4.10

Property Values Owner Share

Property:	41949	COLEA	AST W-30-29HC, State: CO,	County: WELI	ט						
GAS											
		ROYALTY INTEREST	Apr 24	1.1490	(388.00)	1.39	(538.71)	0.00001445	0.00001445	(0.01)	(0.01)
		AD VALOREM TAX	Apr 24				32.32	0.00001445	0.00001445		0.00
		FRACTIONATION FEE	Apr 24				6.69	0.00001445	0.00001445		0.00
		CONSERVATION TAX	Apr 24				0.81	0.00001445	0.00001445		0.00
		PWH EXP CREDIT TO RI/OR	Apr 24				(36.28)	0.00001445	0.00001445		0.00
		SEVERANCE TAX	Apr 24				5.39	0.00001445	0.00001445		0.00
		FUEL	Apr 24				42.27	0.00001445	0.00001445		0.00
		PROCESSING	Apr 24				30.30	0.00001445	0.00001445		0.00
		ROYALTY INTEREST	Apr 24	1.1490	710.00	0.18	127.15	0.00001445	0.00001445	0.01	0.00
		AD VALOREM TAX	Apr 24				(7.63)	0.00001445	0.00001445		0.00
								1			

Represented Unit of Measure: Gas = MCFs, Plant Products = GALs, Oil =

FRACTIONATION FEE				Property Values				Owner Share				
CONSERVATION TAX PWI EMP CREDIT TO RIDION AP 24  (1 27) 0 000001445 0,00001445  FILE AP 24  (1 27) 0 00000145 0,00001445  (2 2 3 00000145 0,0000145  FILE AP 24  (3 38) 0 0,0000145 0,0000145  (3 30) 0 0,0000145 0,0000145  (4 30) 0 0,0000145 0,0000145  (5 30) 0 0,0000145 0,0000145  (5 30) 0 0,0000145 0,0000145  (6 30) 0 0,0000145 0,0000145  (7 30) 0 0,0000145 0,0000145  (7 30) 0 0,0000145 0,0000145  (7 30) 0 0,0000145 0,0000145  (7 30) 0 0,0000145 0,0000145  (7 30) 0 0,0000145 0,0000145  (7 30) 0 0,0000145 0,0000145  (7 30) 0 0,0000145 0,0000145  (7 30) 0 0,0000145 0,0000145  (7 30) 0 0,00000145 0,00000145  (7 30) 0 0,00000145 0,00000145  (7 30) 0 0,00000145 0	Туре		BTU	Volume	Price	Value			Volume	Value		
SEVERANCE TAX	FRACTIONATION FEE	Apr 24				(6.69)	0.00001445	0.00001445		0.00		
SEVERANCE TAX	CONSERVATION TAX	Apr 24				(0.19)	0.00001445	0.00001445		0.00		
FUEL	PWH EXP CREDIT TO RI/OR	Apr 24				(169.50)	0.00001445	0.00001445		0.00		
PROCESSING   Apr 24   ROYALTY INTEREST   Sep 24   1,980   298.00   1.70   508.82   0,00001445   0,00	SEVERANCE TAX	Apr 24				(1.27)	0.00001445	0.00001445		0.00		
ROYALTY INTEREST	FUEL	Apr 24				369.30	0.00001445	0.00001445		0.01		
AD WALDREM TAX RIMINOCK GATHPROC Sep 24 CONSERVATION TAX Sep 24 CONSERVATION TAX Sep 24 ROMANDOK GATHPROC SEP 24 SE	PROCESSING	Apr 24				(30.30)	0.00001445	0.00001445		0.00		
RIMROCK GATH/PROC CONSERVATION TAX Sep 24  CONSERVATION TAX Sep 24  RIVERANCE TAX Sep 24  Sep 24  Sep 24  Sep	ROYALTY INTEREST	Sep 24	1.0900	298.00	1.70	506.82	0.00001445	0.00001445	0.00	0.01		
CONSERVATION TAX PWIN EXP CREDIT TO RIJOR Sep 24 PWIN EXP CREDIT TO RIJOR Sep 24 ROYALTY INTEREST ROYALTY INTE	AD VALOREM TAX	Sep 24				(30.41)	0.00001445	0.00001445		0.00		
PWH EXP CREDIT TO RIOR SEP 24 SEVERANCE TAX SEP 24 ROYALTY INTEREST SEP 24 1.1390 385.00 1.60 615.40 0.00001445 0.0000144	RIMROCK GATH/PROC	Sep 24				(333.15)	0.00001445	0.00001445		0.00		
SEVERANCE TAX	CONSERVATION TAX	Sep 24				(0.76)	0.00001445	0.00001445		0.00		
ROYALTY INTEREST Sep 24 1,390 385.00 1.60 615.40 0.00001445 0.0001445 0.0001445  0.00145	PWH EXP CREDIT TO RI/OR	Sep 24				166.58	0.00001445	0.00001445		0.00		
AD VALOREM TAX FRACTIONATION FEE Sp 24 G. S.11 CONSERVATION TAX Sp 24 G. S.11 CONSERVATION TAX Sp 24 G. S.11 CONSERVATION TAX Sp 24 G. S.13 CONSERVATION TAX Sp 24 FUEL Sp 24 FUEL Sp 24 FOCESSING Sp 24 FOCESSING Sp 24 G. S.13 CONSERVATION TAX CD 12 C	SEVERANCE TAX	Sep 24				(5.07)	0.00001445	0.00001445		0.00		
FRACTIONATION FEE	ROYALTY INTEREST	Sep 24	1.1390	385.00	1.60	615.40	0.00001445	0.00001445	0.01	0.01		
CONSERVATION TAX PWH EXP CREDIT TO RIVGR Sep 24 Sep	AD VALOREM TAX	Sep 24				(36.92)	0.00001445	0.00001445		0.00		
PWH EXP CREDIT TO RIVOR SEP 24 SEVERANCE TAX SEP 24 FUEL SEP 24 FOCCESSING FOCCE	FRACTIONATION FEE	Sep 24				(8.91)	0.00001445	0.00001445		0.00		
SEVERANCE TAX   Sep 24   (6.15)   0.00001445   0.000014	CONSERVATION TAX	Sep 24				(0.92)	0.00001445	0.00001445		0.00		
FUEL Sep 24 PROCESSING Nov 24	PWH EXP CREDIT TO RI/OR	Sep 24				53.66	0.00001445	0.00001445		0.00		
PROCESSING Sep 24 ROYALTY INTEREST Oct 24 ROYALTY INTEREST Oct 24 RIMROCK GATH/PROC Oct 24 ROYALTY INTEREST Oct 24 ROYALTY INTEREST Oct 24 ROYALTY INTEREST Oct 24 RIMROCK GATH/PROC OCT 25 ROYALTY INTEREST Oct 24 ROYALTY INTEREST Nov 24 RIMROCK GATH/PROC OCT 25 ROYALTY INTEREST Nov 24 ROYALTY IN	SEVERANCE TAX	Sep 24				(6.15)	0.00001445	0.00001445		0.00		
ROYALTY INTEREST Oct 24 1.0910 190.00 1.81 343.68 0.0001445 0.0001445 0.000 1445 AD VALOREM TAX Oct 24 (20.62) 0.00001445 0.00001445 0.0001445 CONSERVATION TAX Oct 24 (218.88) 0.0001445 0.00001445 0.0001445 CONSERVATION TAX Oct 24 (218.88) 0.0001445 0.0	FUEL	Sep 24				(53.88)	0.00001445	0.00001445		0.00		
ROYALTY INTEREST Oct 24 1.0910 190.00 1.81 343.68 0.0001445 0.000 1445 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	PROCESSING	Sep 24				(53.44)	0.00001445	0.00001445		0.00		
RIMROCK GATH/PROC Oct 24 CONSERVATION TAX Oct 24 PWH EXP CREDIT TO RI/OR Oct 24 SEVERANCE TAX Oct 24 AD VALOREM TAX Oct 24 AD VALOREM TAX Oct 24 CONSERVATION TERE Oct 24 AD VALOREM TAX Oct 24 CONSERVATION TERE Oct 24 CONSERVATION TERE Oct 24 CONSERVATION TERE Oct 24 CONSERVATION TAX Oct 24 CONSERVATION TAX Oct 24 CONSERVATION TO RI/OR Oct 24 CONSERVATION TO CONSER	ROYALTY INTEREST	•	1.0910	190.00	1.81	, ,	0.00001445	0.00001445	0.00	0.00		
RIMROCK GATH/PROC Oct 24 CONSERVATION TAX Oct 24 PWH EXP CREDIT TO RI/OR Oct 24 SEVERANCE TAX Oct 24 AD VALOREM TAX Oct 24 AD VALOREM TAX Oct 24 CONSERVATION TEAX Oct 24 AD VALOREM TAX Oct 24 CONSERVATION TO CONTINUE SEVERANCE TAX Oct 24 CONSERVATION TAX Oct 24 Oc	AD VALOREM TAX	Oct 24				(20.62)	0.00001445	0.00001445		0.00		
CONSERVATION TAX Oct 24 PWH EXP CREDIT TO RI/OR Oct 24 SEVERANCE TAX Oct 24 1.1390 284.00 2.25 637.91 0.00001445 0.00001445 0.00 Cont 24 (3.44) 0.00001445 0.00001445 0.00 Cont 24 (3.827) 0.00001445 0.00001445 0.00 Cont 24 (3.827) 0.00001445 0.00001445 0.00001445 0.00 Cont 24 (3.827) 0.00001445 0.00001445 0.00 Cont 24 (3.827) 0.00001445 0.00001445 0.00 Cont 24 (0.96) 0.00001445 0.00001445 0.00 Cont 24 (0.96) 0.00001445 0.00 Cont 24 (6.38) 0.00001445 0.00 Cont 24 (6.38) 0.00001445 0.00 Cont 24 (6.38) 0.00 Cont 24 (6.	RIMROCK GATH/PROC	Oct 24				, ,	0.00001445	0.00001445		0.00		
PWH EXP CREDIT TO RI/OR SEVERANCE TAX Oct 24 SEVERANCE TAX Oct 24 ROYALTY INTEREST Oct 24 AD VALOREM TAX Oct 24 FRACTIONATION FEE Oct 24 CONSERVATION TAX Oct 24 CONSERVATION TAX Oct 24 FUEL CONSERVATION TAX Nov 24 FRACTIONATION FEE Nov 24 FRACTIONATION FEE Nov 24 FRACTIONATION FEE Oct 24 FRACTIONATION FEE Nov 24 FRACTIO	CONSERVATION TAX	Oct 24				, ,	0.00001445	0.00001445		0.00		
ROYALTY INTEREST Oct 24 1.1390 284.00 2.25 637.91 0.00001445 0.00001445 0.000 00 00 00 00 00 00 00 00 00 00 00	PWH EXP CREDIT TO RI/OR	Oct 24				, ,	0.00001445	0.00001445		0.00		
ROYALTY INTEREST Oct 24 1.1390 284.00 2.25 637.91 0.00001445 0.00001445 0.000 00 00 00 00 00 00 00 00 00 00 00	SEVERANCE TAX	Oct 24				(3.44)	0.00001445	0.00001445		0.00		
AD VALOREM TAX Oct 24 FRACTIONATION FEE Oct 24 CONSERVATION TAX Oct 24 PWH EXP CREDIT TO RI/OR Oct 24 FUEL Oct 24 FROCESSING Oct 24 ROYALTY INTEREST Nov 24 FRACTIONATION FEE Nov 24 FUEL OCT 24 FRACTIONATION FEE Nov 24 FRACTIONATION FEE Nov 24 FUEL OCT 24 FRACTIONATION FEE Nov 24 FRACTIONATION FEE Nov 24 FRACTIONATION FEE Nov 24 FUEL OCT 24 FRACTIONATION FEE Nov 24 FUEL Nov	ROYALTY INTEREST	Oct 24	1.1390	284.00	2.25		0.00001445	0.00001445	0.00	0.01		
FRACTIONATION FEE Oct 24 CONSERVATION TAX Oct 24 PWH EXP CREDIT TO RI/OR Oct 24 SEVERANCE TAX Oct 24 FUEL Oct 24 PROCESSING Oct 24 ROYALTY INTEREST Nov 24 FRACTIONATION FEE Nov 24 FRACTIONATION FEE Nov 24 FRACTIONATION FEE Nov 24 FRACTIONATION FEE Nov 24 SEVERANCE TAX Nov 24 FRACTIONATION TOR Nov 24 FRACTIONATION TAX Nov 24 FRACTIONATION TOR NOV 24 FRACTION TOR NOV 24	AD VALOREM TAX	Oct 24				(38.27)	0.00001445			0.00		
CONSERVATION TAX Oct 24 PWH EXP CREDIT TO RI/OR Oct 24 PWH EXP CREDIT TO RI/OR Oct 24 SEVERANCE TAX Oct 24 FUEL Oct 24 PROCESSING Oct 24 ROYALTY INTEREST Nov 24 AD VALOREM TAX Nov 24 FRACTIONATION FEE Nov 24 CONSERVATION TAX Nov 24 FRACTIONATION TAX Nov 24 FUEL Nov 24 F	FRACTIONATION FEE	Oct 24				(8.03)	0.00001445	0.00001445		0.00		
PWH EXP CREDIT TO RI/OR Oct 24 SEVERANCE TAX Oct 25 SEVERANCE TAX Oct 25 SEVERANCE TAX Oct 26	CONSERVATION TAX					, ,	0.00001445	0.00001445		0.00		
FUEL Oct 24 PROCESSING Oct 24 PROCESSING Oct 24 ROYALTY INTEREST Nov 24 AD VALOREM TAX Nov 24 FRACTIONATION FEE Nov 24 CONSERVATION TAX Nov 24 PWH EXP CREDIT TO RI/OR SEVERANCE TAX Nov 24 PROCESSING Nov 24 PROCESSING Nov 24 ROYALTY INTEREST Nov 24 Nov 24 ROYALTY INTEREST Nov 24 Nov 24 ROYALTY INTEREST Nov 24 ROYALTY	PWH EXP CREDIT TO RI/OR	Oct 24					0.00001445	0.00001445		0.00		
FUEL Oct 24 PROCESSING Oct 24 PROCESSING Oct 24 ROYALTY INTEREST Nov 24 AD VALOREM TAX Nov 24 FRACTIONATION FEE Nov 24 CONSERVATION TAX Nov 24 PWH EXP CREDIT TO RI/OR Nov 24 SEVERANCE TAX Nov 24 FUEL Nov 24 PROCESSING Nov 24 FUEL Nov 24 PROCESSING (56.03) 0.00001445	SEVERANCE TAX	Oct 24				(6.38)	0.00001445	0.00001445		0.00		
PROCESSING Oct 24 ROYALTY INTEREST Nov 24 ROYALOREM TAX Nov 24 ROYALTY INTEREST NOV 24 ROYALTY INTERES	FUEL					, ,	0.00001445			0.00		
ROYALTY INTEREST Nov 24 1.1390 42.00 2.50 104.85 0.00001445 0.00001445 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						, ,				0.00		
AD VALOREM TAX Nov 24 (6.29) 0.00001445 0.000001445 0.000001445 0.000001445 0.00001445 0	ROYALTY INTEREST	Nov 24	1.1390	42.00	2.50	, ,	0.00001445	0.00001445	0.00	0.00		
FRACTIONATION FEE Nov 24 (1.16) 0.00001445 0.000001445 0.00001445 0.00001445 0.00001445 0.000001445 0.000001445 0.0000014	AD VALOREM TAX						0.00001445			0.00		
CONSERVATION TAX       Nov 24       (0.16)       0.00001445       0.00001445       0.00001445         PWH EXP CREDIT TO RI/OR       Nov 24       9.30       0.00001445       0.00001445       0.00001445         SEVERANCE TAX       Nov 24       (1.05)       0.00001445       0.00001445       0.00001445         FUEL       Nov 24       (9.24)       0.00001445       0.00001445       0.00001445         PROCESSING       Nov 24       (9.36)       0.00001445       0.00001445       0.00001445						, ,				0.00		
PWH EXP CREDIT TO RI/OR         Nov 24         9.30         0.00001445         0.00001445         0.00001445           SEVERANCE TAX         Nov 24         (1.05)         0.00001445         0.00001445         0.00001445           FUEL         Nov 24         (9.24)         0.00001445         0.00001445         0.00001445           PROCESSING         Nov 24         (9.36)         0.00001445         0.00001445         0.00001445						, ,				0.00		
SEVERANCE TAX         Nov 24         (1.05)         0.00001445         0.00001445         0.00001445           FUEL         Nov 24         (9.24)         0.00001445         0.00001445         0.00001445           PROCESSING         Nov 24         (9.36)         0.00001445         0.00001445         0.00001445										0.00		
FUEL         Nov 24         (9.24)         0.00001445         0.00001445         0           PROCESSING         Nov 24         (9.36)         0.00001445         0.00001445         0.00001445										0.00		
PROCESSING Nov 24 (9.36) 0.00001445 0.00001445										0.00		
						, ,				0.00		
ROYALTY INTEREST Nov 24 1.0910 370.00 1.80 664.70 0.00001445 0.00001445 0.01 0			1.0910	370.00	1.80				0.01	0.01		
										0.00		

			Prop	erty Values			Owner	Share	
	Туре	Production Date	BTU Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	RIMROCK GATH/PROC	Nov 24			(437.31)	0.00001445	0.00001445		(0.01)
	CONSERVATION TAX	Nov 24			(1.00)	0.00001445	0.00001445		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24			218.65	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Nov 24			(6.65)	0.00001445	0.00001445		0.00
0.40.1.54.05.1105						1	Total GAS	0.02	0.03
GAS LEASE USE	ROYALTY INTEREST	Sep 24	634.00		0.00	0.00001445	0.00001445	0.01	0.00
	ROYALTY INTEREST	Oct 24	644.00		0.00	0.00001116	0.00001116	0.01	0.00
	ROYALTY INTEREST	Nov 24	581.00		0.00	0.00001116	0.00001116	0.01	0.00
			001.00		0.00		S LEASE USE	0.03	0.00
OIL							3 227.02 002	0.00	0.00
	ROYALTY INTEREST	Oct 24	872.02	71.57	62,407.69	0.00001445	0.00001445	0.01	0.90
	AD VALOREM TAX	Oct 24			(3,744.46)	0.00001445	0.00001445		(0.05)
	CONSERVATION TAX	Oct 24			(93.61)	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Oct 24			(624.08)	0.00001445	0.00001445		(0.01)
	ROYALTY INTEREST	Nov 24	873.00	69.24	60,442.41	0.00001445	0.00001445	0.01	0.87
	AD VALOREM TAX	Nov 24			(3,626.54)	0.00001445	0.00001445		(0.05)
	CONSERVATION TAX	Nov 24			(90.66)	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Nov 24			(604.42)	0.00001445	0.00001445		(0.01)
	ROYALTY INTEREST	Dec 24	823.98	69.12	56,952.86	0.00001445	0.00001445	0.01	0.82
	AD VALOREM TAX	Dec 24			(3,417.17)	0.00001445	0.00001445		(0.05)
	CONSERVATION TAX	Dec 24			(85.43)	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Dec 24			(569.53)	0.00001445	0.00001445		(0.01)
PRODUCTS		I					Total OIL	0.03	2.41
TRODUCTO	ROYALTY INTEREST	Apr 24	(1,234.58)	0.62	(764.83)	0.00001445	0.00001445	(0.02)	(0.01)
	AD VALOREM TAX	Apr 24			45.89	0.00001445	0.00001445		0.00
	PWH EXP CREDIT TO RI/OR	Apr 24			(152.97)	0.00001445	0.00001445		0.00
	CONSERVATION TAX	Apr 24			1.15	0.00001445	0.00001445		0.00
	PROCESSING	Apr 24			305.93	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Apr 24			7.65	0.00001445	0.00001445		0.00
	ROYALTY INTEREST	Apr 24	1,234.58	0.66	813.92	0.00001445	0.00001445	0.02	0.01
	AD VALOREM TAX	Apr 24			(48.84)	0.00001445	0.00001445		0.00
	PWH EXP CREDIT TO RI/OR	Apr 24			162.78	0.00001445	0.00001445		0.00
	CONSERVATION TAX	Apr 24			(1.22)	0.00001445	0.00001445		0.00
	PROCESSING	Apr 24			(325.57)	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Apr 24			(8.14)	0.00001445	0.00001445		0.00
	ROYALTY INTEREST	Sep 24	1,838.00	0.56	1,035.69	0.00001445	0.00001445	0.03	0.01
	AD VALOREM TAX	Sep 24	,		(62.14)	0.00001445	0.00001445		0.00
	PWH EXP CREDIT TO RI/OR	Sep 24			166.58	0.00001445	0.00001445		0.00
	CONSERVATION TAX	Sep 24			(1.55)	0.00001445	0.00001445		0.00
	PROCESSING	Sep 24			(333.15)	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Sep 24			(10.36)	0.00001445	0.00001445		0.00
	ROYALTY INTEREST	Sep 24	1,966.04	0.57	1,113.85	0.00001445	0.00001445	0.03	0.02
	AD VALOREM TAX	Sep 24	.,	****	(66.83)	0.00001445	0.00001445		0.00

					Proper	rty Values			Owner	Share	
	Ту	pe	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
		PWH EXP CREDIT TO RI/OR	Sep 24				222.77	0.00001445	0.00001445		0.00
		CONSERVATION TAX	Sep 24				(1.67)	0.00001445	0.00001445		0.00
		PROCESSING	Sep 24				(445.54)	0.00001445	0.00001445		(0.01)
		SEVERANCE TAX	Sep 24				(11.14)	0.00001445	0.00001445		0.00
	RC	DYALTY INTEREST	Oct 24		1,159.00	0.65	752.17	0.00001445	0.00001445	0.02	0.01
		AD VALOREM TAX	Oct 24				(45.13)	0.00001445	0.00001445		0.00
		PWH EXP CREDIT TO RI/OR	Oct 24				109.44	0.00001445	0.00001445		0.00
		CONSERVATION TAX	Oct 24				(1.13)	0.00001445	0.00001445		0.00
		PROCESSING	Oct 24				(218.88)	0.00001445	0.00001445		0.00
		SEVERANCE TAX	Oct 24				(7.52)	0.00001445	0.00001445		0.00
	RO	DYALTY INTEREST	Oct 24		1,465.63	0.67	978.22	0.00001445	0.00001445	0.02	0.01
	ı	AD VALOREM TAX	Oct 24		•		(58.69)	0.00001445	0.00001445		0.00
		PWH EXP CREDIT TO RI/OR	Oct 24				195.64	0.00001445	0.00001445		0.00
		CONSERVATION TAX	Oct 24				(1.47)	0.00001445	0.00001445		0.00
		PROCESSING	Oct 24				(391.29)	0.00001445	0.00001445		(0.01)
		SEVERANCE TAX	Oct 24				(9.78)	0.00001445	0.00001445		0.00
		DYALTY INTEREST	Nov 24		220.58	0.67	147.79	0.00001445	0.00001445	0.00	0.00
		AD VALOREM TAX	Nov 24				(8.87)	0.00001445	0.00001445		0.00
		PWH EXP CREDIT TO RI/OR	Nov 24				29.56	0.00001445	0.00001445		0.00
		CONSERVATION TAX	Nov 24				(0.22)	0.00001445	0.00001445		0.00
		PROCESSING	Nov 24				(59.12)	0.00001445	0.00001445		0.00
		SEVERANCE TAX	Nov 24				(1.48)	0.00001445	0.00001445		0.00
	RO	DYALTY INTEREST	Nov 24		2,400.00	0.68	1,622.06	0.00001445	0.00001445	0.03	0.02
		AD VALOREM TAX	Nov 24		,		(97.32)	0.00001445	0.00001445		0.00
		PWH EXP CREDIT TO RI/OR	Nov 24				218.65	0.00001445	0.00001445		0.00
		CONSERVATION TAX	Nov 24				(2.43)	0.00001445	0.00001445		0.00
		PROCESSING	Nov 24				(437.31)	0.00001445	0.00001445		(0.01)
		SEVERANCE TAX	Nov 24				(16.22)	0.00001445	0.00001445		0.00
							(:::=)		al PRODUCTS	0.13	0.04
									Total Property		2.48
Property:	41950	COT EAS	ST X-30-29HN, State: CO, (	County: WELI	)						
GAS											
		DYALTY INTEREST	Apr 24	1.1490	(230.00)	1.39	(319.21)	0.00001445	0.00001445	0.00	0.00
		AD VALOREM TAX	Apr 24				19.15	0.00001445	0.00001445		0.00
		FRACTIONATION FEE	Apr 24				3.96	0.00001445	0.00001445		0.00
		CONSERVATION TAX	Apr 24				0.48	0.00001445	0.00001445		0.00
		PWH EXP CREDIT TO RI/OR	Apr 24				(21.50)	0.00001445	0.00001445		0.00
		SEVERANCE TAX	Apr 24				3.19	0.00001445	0.00001445		0.00
		FUEL	Apr 24				25.05	0.00001445	0.00001445		0.00
		PROCESSING	Apr 24				17.95	0.00001445	0.00001445		0.00
		DYALTY INTEREST	Apr 24	1.1490	420.00	0.18	75.34	0.00001445	0.00001445	0.01	0.00
	ي	AD VALOREM TAX	Apr 24				(4.52)	0.00001445	0.00001445		0.00
		FRACTIONATION FEE	Apr 24				(3.96)	0.00001445	0.00001445		0.00

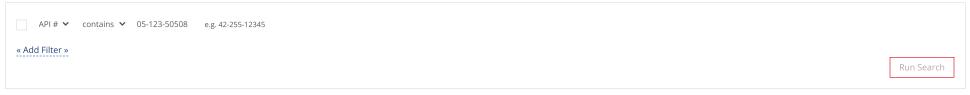
CONSERVATION TAX				Prope	rty Values			Owner	Share	
PMM EXP CREDIT TO RIJOR	Туре		вти	Volume	Price	Value			Volume	Value
SEVERANCE TAX	CONSERVATION TAX	Apr 24				(0.11)	0.00001445	0.00001445		0.00
FUEL AP 24 1,980 C,0001445 0,000 C,000 ROYALTY INTEREST Sep 24 1,980 243,00 1,70 413,18 0,0001445 0,00 0,001 A 1,00 A 1,0	PWH EXP CREDIT TO RI/OR	Apr 24				(100.43)	0.00001445	0.00001445		0.00
PROCESSING   Apr 24   1,990	SEVERANCE TAX	Apr 24				(0.75)	0.00001445	0.00001445		0.00
ROYALTY NITEREST Sep 24 1,0900 243.00 1.70 413.19 0,00001445 0,0001445 0,000 1445 0,000	FUEL	Apr 24				218.82	0.00001445	0.00001445		0.00
AD VALOREM TAX RIMMOCK GAITHPROC SB 24 (271.00) CONSERVATION TAX SB 24 (0.62) PWH EXP CREDIT TO RICIO SB 24 (1.130) ROYALTY INTEREST	PROCESSING	Apr 24				(17.95)	0.00001445	0.00001445		0.00
RIMROCK GATH/PROC CONSERVATION TXX Sep 24 PWH EXP CREDIT TO RUOR Sep 24 ROYALTY INTEREST ROYALT	ROYALTY INTEREST	Sep 24	1.0900	243.00	1.70	413.19	0.00001445	0.00001445	0.00	0.01
CONSERVATION TAX PWH EXP CREDIT TO RIDOR Sep 24 ROYALTY INTEREST ROY	AD VALOREM TAX	Sep 24				(24.79)	0.00001445	0.00001445		0.00
PWH EXP CREDIT TO RIOR	RIMROCK GATH/PROC	Sep 24				(271.60)	0.00001445	0.00001445		0.00
SEVERANCE TAX	CONSERVATION TAX	Sep 24				(0.62)	0.00001445	0.00001445		0.00
ROYALTY INTEREST	PWH EXP CREDIT TO RI/OR	Sep 24				135.80	0.00001445	0.00001445		0.00
AD VALOREM TAX	SEVERANCE TAX	Sep 24				(4.13)	0.00001445	0.00001445		0.00
FRACTIONATION FEE	ROYALTY INTEREST	Sep 24	1.1390	314.00	1.60	501.71	0.00001445	0.00001445	0.00	0.01
CONSERVATION TAX	AD VALOREM TAX	Sep 24				(30.10)	0.00001445	0.00001445		0.00
PWH EXP CREDIT TO RI/OR  SEVERANCE TAX  Sep 24  (502)  (602)  (602)  (600)  (60	FRACTIONATION FEE	Sep 24				(7.27)	0.00001445	0.00001445		0.00
SEVERANCE TAX	CONSERVATION TAX	Sep 24				(0.75)	0.00001445	0.00001445		0.00
FUEL Sep 24 (43.93) 0.0001445 0.0001445 0.000 PROCESSING Sep 24 (43.97) 0.0001445 0.0001445 0.000 PROCESSING Sep 24 (43.97) 0.0001445 0.00001445 0.000 PROCESSING ROYALTY INTEREST Oct 24 1.0910 367.00 1.80 661.47 0.0001445 0.00001445 0.000 PROVALTY INTEREST Oct 24 (39.89) 0.0001445 0.00001445 0.000 PROVALTY INTEREST Oct 24 (42.26) 0.0001445 0.00001445 0.000 PROVALTY INTEREST Oct 24 (0.99) 0.00001445 0.00001445 0.000 PROVALTY INTEREST Oct 24 1.1390 546.00 2.25 1.227.77 0.00001445 0.00001445 0.000 PROVALTY INTEREST Oct 24 1.1390 546.00 2.25 1.227.77 0.00001445 0.00001445 0.000 PROVALTY INTEREST Oct 24 1.1390 546.00 2.25 1.227.77 0.00001445 0.00001445 0.000 PROVALTY INTEREST Oct 24 1.1390 546.00 2.25 1.227.77 0.00001445 0.00001445 0.000 PROVALTY INTEREST Oct 24 1.1390 546.00 2.25 1.227.77 0.00001445 0.00001445 0.000 PROVALTY INTEREST Oct 24 1.1390 546.00 2.25 1.227.77 0.00001445 0.00001445 0.000 PROVALTY INTEREST Oct 24 1.1390 546.00 2.25 1.227.77 0.00001445 0.00001445 0.000 PROVALTY INTEREST OCT 24 1.1390 546.00 2.25 1.227.77 0.00001445 0.00001445 0.000 PROVALTY INTEREST OCT 24 1.1390 8.00 0.00001445 0.00001445 0.00001445 0.000 PROVALTY INTEREST OCT 24 1.1390 8.00 0.00001445 0.00001445 0.00001445 0.000 PROVALTY INTEREST OCT 24 1.1390 8.00 0.00001445 0.0000144	PWH EXP CREDIT TO RI/OR	Sep 24				43.75	0.00001445	0.00001445		0.00
PROCESSING   Sep 24   (43.57)   0.00001445   0.00001445   0.000   0.	SEVERANCE TAX	Sep 24				(5.02)	0.00001445	0.00001445		0.00
ROYALTY INTEREST	FUEL	Sep 24				(43.93)	0.00001445	0.00001445		0.00
AD VALOREM TAX OCI 24 RIMROCK GATH/PROC OCI 24 ROMOCH CALL PWH EXP CREDIT TO RI/OR OCI 24 ROMOCH CALL ROMOC	PROCESSING	Sep 24				(43.57)	0.00001445	0.00001445		0.00
RIMROCK GATH/PROC Oct 24 CONSERVATION TAX Oct 24 PWH EXP CREDIT TO RI/OR Oct 24 SEVERANCE TAX Oct 24 AD VALOREM TAX AD CREDIT TO RI/OR AD CREDIT TO RI/OR AD VALOREM TAX AD CREDIT TO RI/OR AD VALOREM TAX AD CREDIT TO RI/OR AD VALOREM TAX AND CREDIT TO RI/OR AD CRED	ROYALTY INTEREST	Oct 24	1.0910	367.00	1.80	661.47	0.00001445	0.00001445	0.01	0.01
CONSERVATION TAX Oct 24 (0.99) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 210.63 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 1.1390 546.00 2.25 1,227.77 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 1.1390 546.00 2.25 1,227.77 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 1.1390 546.00 2.25 1,227.77 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (15.45) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (15.45) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (10.784) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (10.784) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (10.784) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (10.784) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (10.784) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (10.784) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (10.784) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (10.784) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (10.784) 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (10.784) 0.00001445 0.00001445 0.00001445 0.00001445 0.000 PWH EXP CREDIT TO RI/OR Oct 24 (10.32) 0.00001445 0.00	AD VALOREM TAX	Oct 24				(39.69)	0.00001445	0.00001445		0.00
PWH EXP CREDIT TO RI/OR SEVERANCE TAX Oct 24 ROYALTY INTEREST Oct 24 AD VALOREM TAX Oct 24 AD VALOREM TAX Oct 24 CONSERVATION TAX Oct 24 CONSERVATION TAX Oct 24 CONSERVATION TO RI/OR FRACTIONATION FEE Oct 24 CONSERVATION TAX Oct 24 CONSERVATION TO RI/OR FUEL Oct 24 FUEL AD VALOREM TAX Oct 24 CONSERVATION TO RI/OR FUEL Oct 24 FUEL CONSERVATION TO RI/OR ROYALTY INTEREST Nov 24 FRACTIONATION FEE Oct 24 CONSERVATION TO RI/OR ROYALTY INTEREST Nov 24 FRACTIONATION FEE Oct 24 CONSERVATION TO RI/OR ROYALTY INTEREST Nov 24 FRACTIONATION FEE Nov 24 FRACTIONATION FEE Nov 24 FRACTIONATION FEE Nov 24 FRACTIONATION FEE Nov 24 FUEL ROW 24 FRACTIONATION FEE Nov 24 FUEL ROW 24 FRACTIONATION FEE Nov 24 FUEL ROW 25 FUEL ROW 25 FUEL ROW 26 FUEL ROW	RIMROCK GATH/PROC	Oct 24				(421.26)	0.00001445	0.00001445		(0.01)
SEVERANCE TAX	CONSERVATION TAX	Oct 24				(0.99)	0.00001445	0.00001445		0.00
ROYALTY INTEREST Oct 24 1.1390 546.00 2.25 1,227.77 0.00001445 0.00001445 0.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	PWH EXP CREDIT TO RI/OR	Oct 24				210.63	0.00001445	0.00001445		0.00
AD VALOREM TAX Oct 24 FRACTIONATION FEE Oct 24 CONSERVATION TAX Oct 24 PWH EXP CREDIT TO RI/OR Oct 24 FUEL Oct 24 ROYALOREM TAX Nov 24 FRACTIONATION FEE Nov 24 FWH EXP CREDIT TO RI/OR Nov 24 FWH EXP CREDIT TO RI/OR Nov 24 FRACTIONATION FEE NOV 24 FRACTION	SEVERANCE TAX	Oct 24				(6.61)	0.00001445	0.00001445		0.00
AD VALOREM TAX Oct 24 (73.67) 0.0001445 0.0001445 0.0001445 0.000	ROYALTY INTEREST	Oct 24	1.1390	546.00	2.25	1,227.77	0.00001445	0.00001445	0.01	0.02
CONSERVATION TAX Oct 24 PWH EXP CREDIT TO RI/OR Oct 24 SEVERANCE TAX Oct 24 FUEL Oct 24 FUEL (107.84) 0.00001445 0.00001445 0.00001445 0.000 PROCESSING Oct 24 FOYALTY INTEREST Nov 24 FRACTIONATION FEE Nov 24 CONSERVATION TAX Nov 24 FRACTIONATION TAX Nov 24 FWH EXP CREDIT TO RI/OR Nov 24 FUEL (107.84) 0.00001445 0.00001445 0.00001445 0.000 FRACTIONATION FEE Nov 24 FRACTIONATION TAX Nov 24 FRACTIONATION TAX Nov 24 FWH EXP CREDIT TO RI/OR Nov 24 FUEL Nov 24 FRACTIONATION FOR Nov 24 FUEL Nov 24 FRACTIONATION FOR Nov 24 FUEL Nov 24 FUEL Nov 24 FRACTIONATION FOR Nov 24 FUEL Nov 24 FRACTIONATION FOR Nov 24 FUEL Nov 24	AD VALOREM TAX	Oct 24				(73.67)	0.00001445	0.00001445		0.00
PWH EXP CREDIT TO RI/OR SEVERANCE TAX Oct 24 FUEL Oct 24 PROCESSING Oct 24 PROCESSING Oct 24 ROYALTY INTEREST Nov 24 AD VALOREM TAX Nov 24 FRACTIONATION FEE Nov 24 CONSERVATION TAX Nov 24 PWH EXP CREDIT TO RI/OR Nov 24 FUEL FUEL Nov 24 FUEL FUEL FUEL FUEL FUEL FUEL FUEL FUEL	FRACTIONATION FEE	Oct 24				(15.45)	0.00001445	0.00001445		0.00
SEVERANCE TAX         Oct 24         (12.28)         0.00001445         0.00001445         0.00           FUEL         Oct 24         (107.84)         0.00001445         0.00001445         0.00           PROCESSING         Oct 24         (107.98)         0.00001445         0.00001445         0.00           ROYALTY INTEREST         Nov 24         1.1390         86.00         2.48         213.64         0.00001445         0.00001445         0.00         0.00           AD VALOREM TAX         Nov 24         (12.82)         0.00001445         0.00001445         0.00         0.00           FRACTIONATION FEE         Nov 24         (2.36)         0.00001445         0.00001445         0.00           CONSERVATION TAX         Nov 24         (0.32)         0.00001445         0.00001445         0.00           PWH EXP CREDIT TO RI/OR         Nov 24         18.95         0.00001445         0.00001445         0.00           SEVERANCE TAX         Nov 24         (2.14)         0.00001445         0.00001445         0.00           FUEL         Nov 24         (18.83)         0.00001445         0.00001445         0.00           PROCESSING         Nov 24         (19.06)         0.00001445         0.00001445         0.00001445<	CONSERVATION TAX	Oct 24				(1.84)	0.00001445	0.00001445		0.00
FUEL Oct 24 PROCESSING Oct 24 PROYALTY INTEREST Nov 24 AD VALOREM TAX Nov 24 FRACTIONATION FEE Nov 24 CONSERVATION TAX Nov 24 Nov 24 Nov 24 FWH EXP CREDIT TO RI/OR SEVERANCE TAX Nov 24	PWH EXP CREDIT TO RI/OR	Oct 24				107.91	0.00001445	0.00001445		0.00
PROCESSING Oct 24 ROYALTY INTEREST Nov 24 AD VALOREM TAX Nov 24 FRACTIONATION FEE CONSERVATION TAX Nov 24 PWH EXP CREDIT TO RI/OR SEVERANCE TAX Nov 24 FUEL PROCESSING  Oct 24  (107.98) 0.00001445 0.00001445 0.00001445 0.00001445 0.00001445 0.000 0.00 0.00 0.00 0.00 0.00 0.00	SEVERANCE TAX	Oct 24				(12.28)	0.00001445	0.00001445		0.00
ROYALTY INTEREST Nov 24 1.1390 86.00 2.48 213.64 0.00001445 0.00001445 0.00 0.00 AD VALOREM TAX Nov 24 (12.82) 0.00001445 0.00001445 0.00 FRACTIONATION FEE Nov 24 (2.36) 0.00001445 0.00001445 0.00 CONSERVATION TAX Nov 24 (0.32) 0.00001445 0.00001445 0.00 PWH EXP CREDIT TO RI/OR Nov 24 18.95 0.00001445 0.00001445 0.00 SEVERANCE TAX Nov 24 (2.14) 0.00001445 0.00001445 0.00 FUEL Nov 24 (18.83) 0.00001445 0.00001445 0.00 PROCESSING Nov 24 (19.06) 0.00001445 0.000001445 0.000001445 0.00001445 0.00001445 0.00001445 0.000001445 0.00001445 0	FUEL	Oct 24				(107.84)	0.00001445	0.00001445		0.00
AD VALOREM TAX Nov 24 (12.82) 0.00001445 0.00001445 0.000   FRACTIONATION FEE Nov 24 (2.36) 0.00001445 0.00001445 0.000   CONSERVATION TAX Nov 24 (0.32) 0.00001445 0.00001445 0.000   PWH EXP CREDIT TO RI/OR Nov 24 18.95 0.00001445 0.00001445 0.000   SEVERANCE TAX Nov 24 (2.14) 0.00001445 0.00001445 0.000   FUEL Nov 24 (18.83) 0.00001445 0.00001445 0.000   PROCESSING Nov 24 (19.06) 0.00001445 0.00001445 0.000   OUT TO RI/OR NOV 24 (19.06) 0.00001445 0.00001445 0.000   OUT TO RI/OR NOV 24 (19.06) 0.00001445 0.00001445 0.000   OUT TO RI/OR NOV 24 (19.06) 0.00001445 0.00001445 0.000   OUT TO RI/OR NOV 24 (19.06) 0.00001445 0.00001445 0.000   OUT TO RI/OR NOV 24 (19.06) 0.00001445 0.000001445 0.0000145 0.0000145 0.00001445 0.000001445 0.00001445 0.00001445 0.000001	PROCESSING	Oct 24				(107.98)	0.00001445	0.00001445		0.00
FRACTIONATION FEE         Nov 24         (2.36)         0.00001445         0.00001445         0.00           CONSERVATION TAX         Nov 24         (0.32)         0.00001445         0.00001445         0.00           PWH EXP CREDIT TO RI/OR         Nov 24         18.95         0.00001445         0.00001445         0.00           SEVERANCE TAX         Nov 24         (2.14)         0.00001445         0.00001445         0.00           FUEL         Nov 24         (18.83)         0.00001445         0.00001445         0.00           PROCESSING         Nov 24         (19.06)         0.00001445         0.00001445         0.00	ROYALTY INTEREST	Nov 24	1.1390	86.00	2.48	213.64	0.00001445	0.00001445	0.00	0.00
CONSERVATION TAX         Nov 24         (0.32)         0.00001445         0.00001445         0.00           PWH EXP CREDIT TO RI/OR         Nov 24         18.95         0.00001445         0.00001445         0.00           SEVERANCE TAX         Nov 24         (2.14)         0.00001445         0.00001445         0.00           FUEL         Nov 24         (18.83)         0.00001445         0.00001445         0.00           PROCESSING         Nov 24         (19.06)         0.00001445         0.00001445         0.00	AD VALOREM TAX	Nov 24				(12.82)	0.00001445	0.00001445		0.00
PWH EXP CREDIT TO RI/OR         Nov 24         18.95         0.00001445         0.00001445         0.00           SEVERANCE TAX         Nov 24         (2.14)         0.00001445         0.00001445         0.00           FUEL         Nov 24         (18.83)         0.00001445         0.00001445         0.00           PROCESSING         Nov 24         (19.06)         0.00001445         0.00001445         0.00001445	FRACTIONATION FEE	Nov 24				(2.36)	0.00001445	0.00001445		0.00
SEVERANCE TAX         Nov 24         (2.14)         0.00001445         0.00001445         0.00           FUEL         Nov 24         (18.83)         0.00001445         0.00001445         0.00           PROCESSING         Nov 24         (19.06)         0.00001445         0.00001445         0.00001445         0.00	CONSERVATION TAX	Nov 24				(0.32)	0.00001445	0.00001445		0.00
FUEL         Nov 24         (18.83)         0.00001445         0.00001445         0.00           PROCESSING         Nov 24         (19.06)         0.00001445         0.00001445         0.00	PWH EXP CREDIT TO RI/OR	Nov 24				18.95	0.00001445	0.00001445		0.00
PROCESSING Nov 24 (19.06) 0.00001445 0.00001445 0.000	SEVERANCE TAX	Nov 24				(2.14)	0.00001445	0.00001445		0.00
	FUEL	Nov 24				(18.83)	0.00001445	0.00001445		0.00
						, ,	0.00001445			0.00
			1.0910	753.00	1.80				0.01	0.02
AD VALOREM TAX Nov 24 (81.26) 0.00001445 0.00001445 0.000	AD VALOREM TAX									0.00
										(0.01)

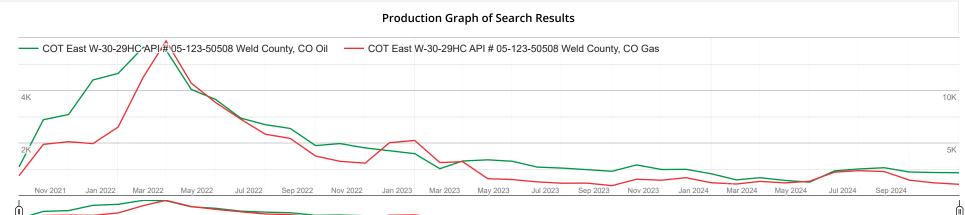
				Proper	rty Values			Owner	Share	
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	CONSERVATION TAX	Nov 24				(2.03)	0.00001445	0.00001445		0.00
	PWH EXP CREDIT TO RI/OR	Nov 24				445.53	0.00001445	0.00001445		0.01
	SEVERANCE TAX	Nov 24				(13.54)	0.00001445	0.00001445		0.00
040154051105								Total GAS	0.04	0.06
GAS LEASE USE	ROYALTY INTEREST	Sep 24		631.00		0.00	0.00001445	0.00001445	0.01	0.00
	ROYALTY INTEREST	Oct 24		661.00		0.00	0.00001116	0.00001116	0.01	0.00
	ROYALTY INTEREST	Nov 24		614.00		0.00	0.00001116	0.00001116	0.01	0.00
				011100		0.00		S LEASE USE	0.03	0.00
OIL										
	ROYALTY INTEREST	Oct 24		400.01	71.57	28,627.38	0.00001445	0.00001445	0.01	0.41
	AD VALOREM TAX	Oct 24				(1,717.64)	0.00001445	0.00001445		(0.02)
	CONSERVATION TAX	Oct 24				(42.94)	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Oct 24				(286.27)	0.00001445	0.00001445		0.00
	ROYALTY INTEREST	Nov 24		406.00	69.24	28,109.53	0.00001445	0.00001445	0.01	0.41
	AD VALOREM TAX	Nov 24				(1,686.57)	0.00001445	0.00001445		(0.02)
	CONSERVATION TAX	Nov 24				(42.16)	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Nov 24				(281.10)	0.00001445	0.00001445		0.00
	ROYALTY INTEREST	Dec 24		380.99	69.12	26,333.79	0.00001445	0.00001445	0.01	0.38
	AD VALOREM TAX	Dec 24				(1,580.03)	0.00001445	0.00001445		(0.02)
	CONSERVATION TAX	Dec 24				(39.50)	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Dec 24				(263.34)	0.00001445	0.00001445		0.00
PRODUCTS								Total OIL	0.03	1.14
PRODUCTS	ROYALTY INTEREST	Apr 24		(731.53)	0.62	(453.18)	0.00001445	0.00001445	(0.01)	(0.01)
	AD VALOREM TAX	Apr 24		( /		27.19	0.00001445	0.00001445	(3-3-)	0.00
	PWH EXP CREDIT TO RI/OR	Apr 24				(90.64)	0.00001445	0.00001445		0.00
	CONSERVATION TAX	Apr 24				0.68	0.00001445	0.00001445		0.00
	PROCESSING	Apr 24				181.27	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Apr 24				4.53	0.00001445	0.00001445		0.00
	ROYALTY INTEREST	Apr 24		731.53	0.66	482.27	0.00001445	0.00001445	0.01	0.01
	AD VALOREM TAX	Apr 24				(28.94)	0.00001445	0.00001445		0.00
	PWH EXP CREDIT TO RI/OR	Apr 24				96.45	0.00001445	0.00001445		0.00
	CONSERVATION TAX	Apr 24				(0.72)	0.00001445	0.00001445		0.00
	PROCESSING	Apr 24				(192.91)	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Apr 24				(4.82)	0.00001445	0.00001445		0.00
	ROYALTY INTEREST	Sep 24		1,499.00	0.56	844.36	0.00001445	0.00001445	0.02	0.01
	AD VALOREM TAX	Sep 24				(50.66)	0.00001445	0.00001445		0.00
	PWH EXP CREDIT TO RI/OR	Sep 24				135.80	0.00001445	0.00001445		0.00
	CONSERVATION TAX	Sep 24				(1.27)	0.00001445	0.00001445		0.00
	PROCESSING	Sep 24				(271.60)	0.00001445	0.00001445		0.00
	SEVERANCE TAX	Sep 24				(8.44)	0.00001445	0.00001445		0.00
	ROYALTY INTEREST	Sep 24		1,602.83	0.57	908.07	0.00001445	0.00001445	0.02	0.01
	AD VALOREM TAX	Sep 24				(54.48)	0.00001445	0.00001445		0.00
	PWH EXP CREDIT TO RI/OR	Sep 24				181.61	0.00001445	0.00001445		0.00

Total Property

			Prope	rty Values		Owner Share			
Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
CONSERVATION TAX	Sep 24				(1.36)	0.00001445	0.00001445		0.00
PROCESSING	Sep 24				(363.23)	0.00001445	0.00001445		(0.01)
SEVERANCE TAX	Sep 24				(9.08)	0.00001445	0.00001445		0.00
ROYALTY INTEREST	Oct 24		2,230.00	0.65	1,447.68	0.00001445	0.00001445	0.03	0.02
AD VALOREM TAX	Oct 24				(86.86)	0.00001445	0.00001445		0.00
PWH EXP CREDIT TO RI/OR	Oct 24				210.63	0.00001445	0.00001445		0.00
CONSERVATION TAX	Oct 24				(2.17)	0.00001445	0.00001445		0.00
PROCESSING	Oct 24				(421.26)	0.00001445	0.00001445		(0.01)
SEVERANCE TAX	Oct 24				(14.48)	0.00001445	0.00001445		0.00
ROYALTY INTEREST	Oct 24		2,820.84	0.67	1,882.74	0.00001445	0.00001445	0.04	0.03
AD VALOREM TAX	Oct 24				(112.96)	0.00001445	0.00001445		0.00
PWH EXP CREDIT TO RI/OR	Oct 24				376.55	0.00001445	0.00001445		0.01
CONSERVATION TAX	Oct 24				(2.82)	0.00001445	0.00001445		0.00
PROCESSING	Oct 24				(753.10)	0.00001445	0.00001445		(0.01)
SEVERANCE TAX	Oct 24				(18.83)	0.00001445	0.00001445		0.00
ROYALTY INTEREST	Nov 24		449.46	0.67	301.15	0.00001445	0.00001445	0.01	0.00
AD VALOREM TAX	Nov 24				(18.07)	0.00001445	0.00001445		0.00
PWH EXP CREDIT TO RI/OR	Nov 24				60.23	0.00001445	0.00001445		0.00
CONSERVATION TAX	Nov 24				(0.45)	0.00001445	0.00001445		0.00
PROCESSING	Nov 24				(120.46)	0.00001445	0.00001445		0.00
SEVERANCE TAX	Nov 24				(3.01)	0.00001445	0.00001445		0.00
ROYALTY INTEREST	Nov 24		4,891.00	0.68	3,305.14	0.00001445	0.00001445	0.07	0.05
AD VALOREM TAX	Nov 24				(198.31)	0.00001445	0.00001445		0.00
PWH EXP CREDIT TO RI/OR	Nov 24				445.53	0.00001445	0.00001445		0.01
CONSERVATION TAX	Nov 24				(4.96)	0.00001445	0.00001445		0.00
PROCESSING	Nov 24				(891.06)	0.00001445	0.00001445		(0.01)
SEVERANCE TAX	Nov 24				(33.05)	0.00001445	0.00001445		0.00
						Tota	al PRODUCTS	0.19	0.1



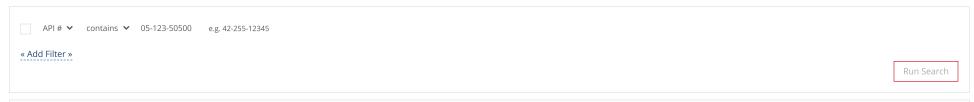


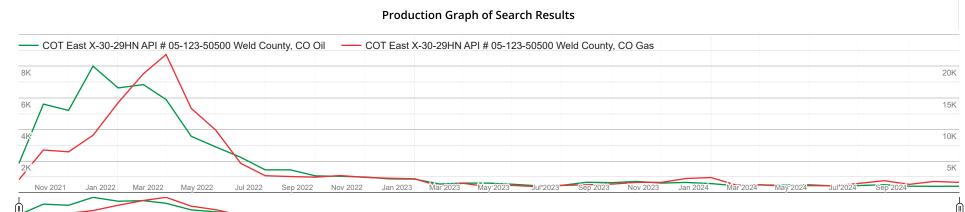


Date	COT East W-30-29HC API # 05-123-50508 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Nov 2024	871	1,080
Oct 2024	879	1,222
Sep 2024	898	1,473
Aug 2024	1,061	2,291
Jul 2024	1,014	2,372
Jun 2024	943	2,237
May 2024	512	1,366
Apr 2024	578	1,211
Mar 2024	682	1,356
Feb 2024	600	1,105
Date	COT East W-30-29HC API # 05-123-50508	
	Weld County, CO	

Date	COT East W-30-29HC API # 05-123-50508 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Jan 2024	832	1,227
Dec 2023	1,000	1,708
Nov 2023	993	1,468
Oct 2023	1,168	1,560
Sep 2023	926	951
Aug 2023	988	1,192
Jul 2023	1,048	1,183
Jun 2023	1,085	1,308
May 2023	1,307	1,532
Apr 2023	1,361	1,611
Mar 2023	1,316	3,228
Feb 2023	1,024	3,140
Jan 2023	1,595	5,243
Dec 2022	1,706	5,027
Nov 2022	1,813	3,084
Oct 2022	1,978	3,261
Sep 2022	1,901	3,763
Aug 2022	2,551	5,430
Jul 2022	2,698	5,839
Jun 2022	2,944	7,261
May 2022	3,653	8,844
Apr 2022	4,036	10,685
Mar 2022	5,524	14,687
Feb 2022	5,635	11,259
Jan 2022	4,643	6,515
Dec 2021	4,394	4,942
Nov 2021	3,082	5,123
Oct 2021	2,883	4,870
Sep 2021	1,089	1,892
Aug 2021	0	0
Jul 2021	0	0
Jun 2021	0	0
May 2021	0	0
Apr 2021	0	0
Mar 2021	0	0
Date	COT East W-30-29HC API # 05-123-50508 Weld County, CO	

Date	COT East W-30-29HC API # 05-123-50508 Weld County, CO					
	Oil Prod (BBLs)	Gas Prod (MCF)				
Feb 2021	0	0				
Jan 2021	0	0				
Dec 2020	0	0				
Nov 2020	0	0				
Oct 2020	0	0				
Sep 2020	0	0				
Aug 2020	0	0				
Jul 2020	0	0				
Jun 2020	0	0				
May 2020	0	0				
Apr 2020	0	0				
Mar 2020	0	0				
Feb 2020	0	0				
Jan 2020	0	0				
Dec 2019	0	0				
Nov 2019	0	0				
Date	COT East W-30-29HC API # 05-123-50508 Weld County, CO					



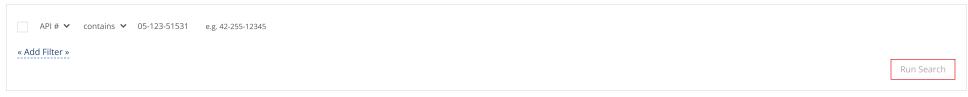


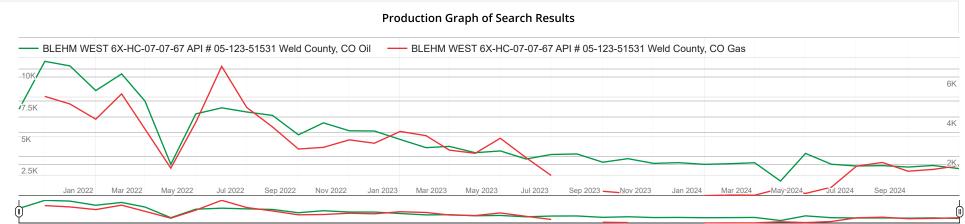
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Date	COT East X-30-29HN API # 05-123-50500 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Nov 2024	406	1,634
Oct 2024	403	1,775
Sep 2024	409	1,315
Aug 2024	502	1,892
Jul 2024	451	1,471
Jun 2024	421	1,092
May 2024	496	1,112
Apr 2024	470	1,013
Mar 2024	489	1,253
Feb 2024	436	1,180
Date	COT East X-30-29HN API # 05-123-50500 Weld County, CO	

	COT East X-30-29HN API # 05-123-50500	
Date	Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Jan 2024	573	2,391
Dec 2023	648	2,244
Nov 2023	607	1,629
Oct 2023	712	1,626
Sep 2023	632	1,354
Aug 2023	658	1,245
Jul 2023	461	1,143
Jun 2023	434	954
May 2023	535	1,151
Apr 2023	604	965
Mar 2023	606	1,487
Feb 2023	546	1,010
Jan 2023	856	2,195
Dec 2022	872	2,283
Nov 2022	989	2,416
Oct 2022	1,036	2,709
Sep 2022	1,061	2,455
Aug 2022	1,444	2,552
Jul 2022	1,444	2,679
Jun 2022	2,235	4,632
May 2022	2,898	9,924
Apr 2022	3,569	13,337
Mar 2022	5,895	21,858
Feb 2022	6,840	18,803
Jan 2022	6,629	14,238
Dec 2021	8,005	9,071
Nov 2021	5,206	6,463
Oct 2021	5,605	6,751
Sep 2021	1,855	2,063
Aug 2021	0	0
Jul 2021	0	0
Jun 2021	0	0
May 2021	0	0
Apr 2021	0	0
Mar 2021	0	0
Date	COT East X-30-29HN API # 05-123-50500	
	Weld County, CO	

Date	COT East X-30-29HN API # 05-123-50500 Weld County, CO					
	Oil Prod (BBLs)	Gas Prod (MCF)				
Feb 2021	0	0				
Jan 2021	0	0				
Dec 2020	0	0				
Nov 2020	0	0				
Oct 2020	0	0				
Sep 2020	0	0				
Aug 2020	0	0				
Jul 2020	0	0				
Jun 2020	0	0				
May 2020	0	0				
Apr 2020	0	0				
Mar 2020	0	0				
Feb 2020	0	0				
Jan 2020	0	0				
Dec 2019	0	0				
Nov 2019	0	0				
Date	COT East X-30-29HN API # 05-123-50500 Weld County, CO					

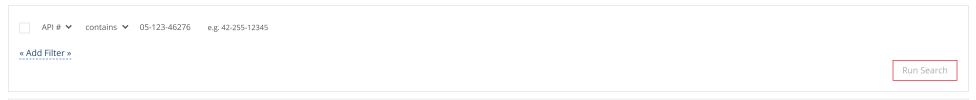


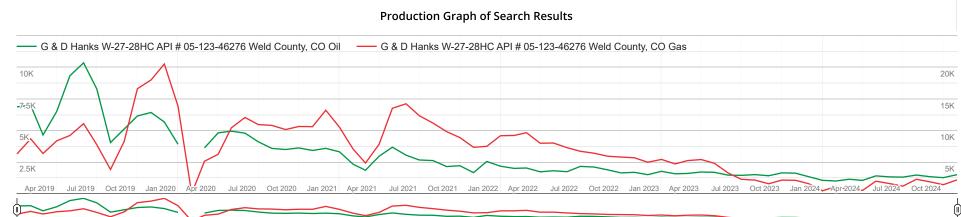




Date	BLEHM WEST 6X-HC-07-07-67 API # 05-123-51531 Weld County, CO	API # 05-123-51531						
	Oil Prod (BBLs)	Gas Prod (MCF)						
Nov 2024	2,144	1,516						
Oct 2024	2,386	1,329						
Sep 2024	2,264	1,239						
Aug 2024	2,378	1,681						
ul 2024	2,347	1,492						
un 2024	2,486	428						
May 2024	3,344	113						
Apr 2024	1,155	362						
Mar 2024	2,605	22						
Feb 2024	2,531	31						
Date	BLEHM WEST 6X-HC-07-07-67 API # 05-123-51531 Weld County, CO							

Date	BLEHM WEST 6X-HC-07-07-67  API # 05-123-51531  Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Jan 2024	2,476	3	
Dec 2023	2,612	0	
Nov 2023	2,553	0	
Oct 2023	2,927	120	
Sep 2023	2,646	222	
Aug 2023	3,300	0	
Jul 2023	3,257	1,021	
Jun 2023	2,900	1,923	
May 2023	3,539	2,908	
Apr 2023	3,398	2,146	
Mar 2023	3,899	2,305	
Feb 2023	3,798	3,038	
Jan 2023	4,446	3,252	
Dec 2022	5,115	2,655	
Nov 2022	5,133	2,825	
Oct 2022	5,760	2,446	
Sep 2022	4,813	2,361	
Aug 2022	6,349	3,478	
Jul 2022	6,620	4,468	
Jun 2022	6,948	6,547	
May 2022	6,470	3,715	
Apr 2022	2,480	1,394	
Mar 2022	7,483	3,374	
Feb 2022	9,632	5,154	
Jan 2022	8,313	3,873	
Dec 2021	10,267	4,642	
Nov 2021	10,626	5,027	
Oct 2021	6,841	0	
Sep 2021	0	0	
Aug 2021	0	0	
Jul 2021	0	0	
Jun 2021	0	0	
May 2021	0	0	
Apr 2021	0	0	
Date	BLEHM WEST 6X-HC-07-07-67 API # 05-123-51531 Weld County, CO		



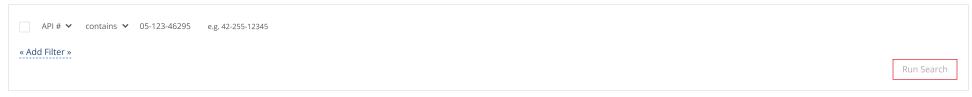


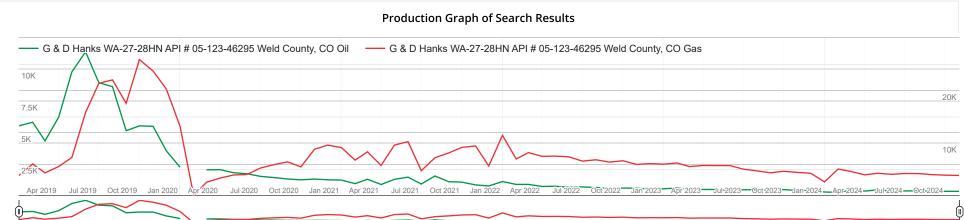
Date	<b>G &amp; D Hanks W-27-28HC</b> API # 05-123-46276 Weld County, CO	API # 05-123-46276		
	Oil Prod (BBLs)	Gas Prod (MCF)		
Nov 2024	1,503	2,180		
Oct 2024	1,266	1,418		
Sep 2024	1,341	1,868		
Aug 2024	1,473	2,277		
ul 2024	1,307	1,184		
un 2024	1,328	1,600		
May 2024	1,406	1,974		
Apr 2024	1,052	522		
Mar 2024	1,142	618		
Feb 2024	1,001	1,144		
Date	G & D Hanks W-27-28HC API # 05-123-46276 Weld County, CO			

Date	G & D Hanks W-27-28HC  API # 05-123-46276  Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Jan 2024	1,055	450	
Dec 2023	1,340	1,569	
Nov 2023	1,620	2,117	
Oct 2023	1,646	2,150	
Sep 2023	1,418	1,563	
Aug 2023	1,507	2,146	
Jul 2023	1,448	2,273	
Jun 2023	1,466	3,278	
May 2023	1,689	4,806	
Apr 2023	1,712	5,399	
Mar 2023	1,600	5,232	
Feb 2023	1,573	4,706	
Jan 2023	1,767	5,420	
Dec 2022	1,503	4,972	
Nov 2022	1,687	5,675	
Oct 2022	1,645	5,792	
Sep 2022	1,885	5,926	
Aug 2022	2,108	6,403	
Jul 2022	2,157	6,706	
Jun 2022	1,738	7,279	
May 2022	1,812	8,012	
Apr 2022	1,729	7,981	
Mar 2022	2,030	9,647	
Feb 2022	2,001	9,210	
Jan 2022	2,172	9,164	
Dec 2021	2,546	7,490	
Nov 2021	1,664	7,339	
Oct 2021	2,211	8,878	
Sep 2021	2,144	9,815	
Aug 2021	2,618	11,169	
Jul 2021	2,665	12,337	
Jun 2021	3,046	14,220	
May 2021	3,676	13,515	
Apr 2021	2,964	7,820	
Mar 2021	1,851	4,849	
Date	G & D Hanks W-27-28HC API # 05-123-46276 Weld County, CO	'	

Date	G & D Hanks W-27-28HC  API # 05-123-46276  Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Feb 2021	2,329	7,054	
Jan 2021	3,311	10,522	
Dec 2020	3,585	13,204	
Nov 2020	3,420	10,602	
Oct 2020	3,617	10,630	
Sep 2020	3,495	10,144	
Aug 2020	3,577	10,800	
Jul 2020	4,106	10,935	
Jun 2020	4,787	12,054	
May 2020	4,944	10,419	
Apr 2020	4,808	6,225	
Mar 2020	3,620	5,131	
Feb 2020	0	19	
Jan 2020	3,912	13,849	
Dec 2019	5,670	20,512	
Nov 2019	6,422	17,997	
Oct 2019	6,149	16,603	
Sep 2019	5,116	8,261	
Aug 2019	4,044	3,825	
Jul 2019	8,278	7,741	
Jun 2019	10,350	11,080	
May 2019	9,330	9,203	
Apr 2019	6,499	8,355	
Mar 2019	4,646	6,353	
Feb 2019	6,987	8,675	
Jan 2019	6,868	6,281	
Dec 2018	0	0	
Nov 2018	0	0	
Oct 2018	0	0	
Sep 2018	0	0	
Aug 2018	0	0	
Jul 2018	0	0	
Jun 2018	0	0	
May 2018	0	0	
Apr 2018	0	0	
Date	G & D Hanks W-27-28HC API # 05-123-46276 Weld County, CO		

Date	G & D Hanks W-27-28HC  API # 05-123-46276  Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Mar 2018	0 0	
Date	<b>G &amp; D Hanks W-27-28HC</b> API # 05-123-46276 Weld County, CO	



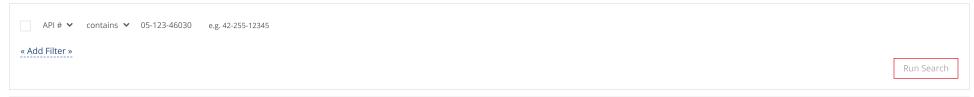


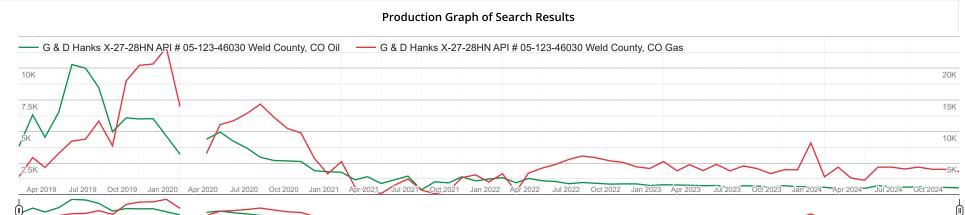
Date	<b>G &amp; D Hanks WA-27-28HN</b> API # 05-123-46295 Weld County, CO	API # 05-123-46295		
	Oil Prod (BBLs)	Gas Prod (MCF)		
Nov 2024	342	3,843		
Oct 2024	344	3,889		
Sep 2024	354	3,998		
Aug 2024	384	4,192		
ul 2024	374	4,209		
un 2024	369	4,053		
May 2024	452	4,254		
Apr 2024	366	3,956		
Mar 2024	436	4,600		
Feb 2024	256	5,055		
Date	G & D Hanks WA-27-28HN API # 05-123-46295 Weld County, CO			

	<b>G &amp; D Hanks WA-27-28HN</b> API # 05-123-46295			
Date	Weld County, CO	Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)		
Jan 2024	290	2,617		
Dec 2023	429	4,246		
Nov 2023	408	4,420		
Oct 2023	480	4,629		
Sep 2023	449	4,340		
Aug 2023	473	4,701		
Jul 2023	468	5,034		
Jun 2023	403	5,712		
May 2023	486	5,714		
Apr 2023	490	5,729		
Mar 2023	492	5,528		
Feb 2023	603	6,204		
Jan 2023	545	5,985		
Dec 2022	512	6,081		
Nov 2022	591	5,932		
Oct 2022	602	6,635		
Sep 2022	580	6,371		
Aug 2022	644	6,812		
Jul 2022	692	6,560		
Jun 2022	663	7,371		
May 2022	746	7,511		
Apr 2022	729	7,468		
Mar 2022	892	8,172		
Feb 2022	891	6,977		
Jan 2022	1,118	11,468		
Dec 2021	767	5,635		
Nov 2021	851	9,446		
Oct 2021	1,068	9,159		
Sep 2021	1,105	8,107		
Aug 2021	1,557	7,200		
Jul 2021	919	4,738		
Jun 2021	1,464	10,254		
May 2021	1,292	9,598		
Apr 2021	883	5,744		
Mar 2021	1,300	8,326		
Date	<b>G &amp; D Hanks WA-27-28HN</b> API # 05-123-46295			
	Weld County, CO			

Date	G & D Hanks WA-27-28HN API # 05-123-46295 Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Feb 2021	952	6,747	
Jan 2021	1,234	9,127	
Dec 2020	1,254	9,599	
Nov 2020	1,313	8,811	
Oct 2020	1,252	5,463	
Sep 2020	1,320	6,416	
Aug 2020	1,432	5,891	
Jul 2020	1,529	5,232	
Jun 2020	1,732	4,017	
May 2020	1,817	3,918	
Apr 2020	2,057	3,338	
Mar 2020	2,046	2,549	
Feb 2020	0	10	
Jan 2020	2,258	13,189	
Dec 2019	3,544	20,241	
Nov 2019	5,487	23,667	
Oct 2019	5,521	25,836	
Sep 2019	5,139	17,529	
Aug 2019	8,620	21,981	
Jul 2019	8,939	21,334	
Jun 2019	11,378	15,806	
May 2019	9,797	7,265	
Apr 2019	6,208	5,536	
Mar 2019	4,333	4,329	
Feb 2019	5,808	6,023	
Jan 2019	5,527	3,816	
Dec 2018	0	0	
Nov 2018	0	0	
Oct 2018	0	0	
Sep 2018	0	0	
Aug 2018	0	0	
Jul 2018	0	0	
Jun 2018	0	0	
May 2018	0	0	
Apr 2018	0	0	
Date	<b>G &amp; D Hanks WA-27-28HN</b> API # 05-123-46295 Weld County, CO		

Date	<b>G &amp; D Hanks WA-27-28HN</b> API # 05-123-46295 Weld County, CO	API # 05-123-46295	
	Oil Prod (BBLs)	Gas Prod (MCF)	
Mar 2018	0	0 0	
Date	<b>G &amp; D Hanks WA-27-28HN</b> API # 05-123-46295 Weld County, CO	API # 05-123-46295	



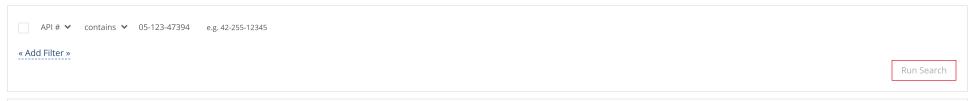


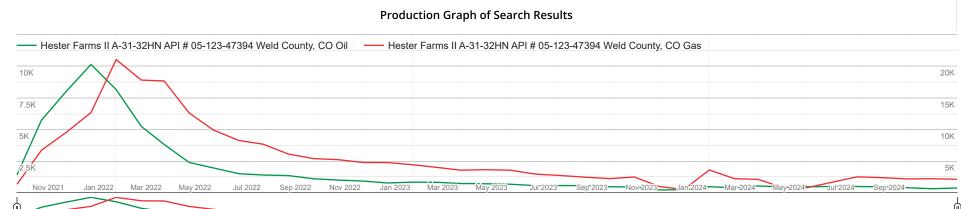
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Date	G & D Hanks X-27-28HN  API # 05-123-46030  Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Nov 2024	542	3,634	
Oct 2024	573	4,012	
Sep 2024	568	4,015	
Aug 2024	612	4,362	
Jul 2024	594	4,056	
Jun 2024	627	4,361	
May 2024	702	4,349	
Apr 2024	504	2,276	
Mar 2024	559	2,641	
Feb 2024	469	4,350	
Date	G & D Hanks X-27-28HN API # 05-123-46030 Weld County, CO		

Date	G & D Hanks X-27-28HN  API # 05-123-46030  Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Jan 2024	584	2,822	
Dec 2023	621	8,203	
Nov 2023	632	3,940	
Oct 2023	712	3,940	
Sep 2023	600	3,329	
Aug 2023	677	4,132	
Jul 2023	702	4,543	
Jun 2023	564	3,761	
May 2023	729	4,803	
Apr 2023	705	3,806	
Mar 2023	746	4,754	
Feb 2023	763	3,766	
Jan 2023	785	5,249	
Dec 2022	723	4,146	
Nov 2022	851	4,402	
Oct 2022	853	5,110	
Sep 2022	834	5,361	
Aug 2022	902	5,836	
Jul 2022	960	6,127	
Jun 2022	867	5,586	
May 2022	1,039	4,767	
Apr 2022	1,104	4,198	
Mar 2022	1,281	3,416	
Feb 2022	939	503	
Jan 2022	1,347	3,302	
Dec 2021	1,232	2,009	
Nov 2021	1,090	3,135	
Oct 2021	1,412	2,690	
Sep 2021	933	593	
Aug 2021	1,020	160	
Jul 2021	383	739	
Jun 2021	1,469	2,492	
May 2021	1,172	1,486	
Apr 2021	882	180	
Mar 2021	1,420	727	
Date	<b>G &amp; D Hanks X-27-28HN</b> API # 05-123-46030 Weld County, CO		

Date	G & D Hanks X-27-28HN  API # 05-123-46030  Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Feb 2021	1,175	1,169	
Jan 2021	1,773	5,230	
Dec 2020	1,816	3,295	
Nov 2020	1,897	5,710	
Oct 2020	2,625	9,792	
Sep 2020	2,671	10,457	
Aug 2020	2,702	12,246	
Jul 2020	2,962	14,319	
Jun 2020	3,680	12,870	
May 2020	4,228	11,676	
Apr 2020	4,952	11,098	
Mar 2020	4,391	6,515	
Feb 2020	0	0	
Jan 2020	3,200	13,959	
Dec 2019	4,638	23,259	
Nov 2019	6,014	20,676	
Oct 2019	5,990	20,460	
Sep 2019	6,077	18,006	
Aug 2019	4,979	7,734	
Jul 2019	8,472	11,638	
Jun 2019	10,003	8,804	
May 2019	10,292	8,469	
Apr 2019	6,520	6,521	
Mar 2019	4,545	4,311	
Feb 2019	6,312	5,852	
Jan 2019	3,816	2,868	
Dec 2018	0	0	
Nov 2018	0	0	
Oct 2018	0	0	
Sep 2018	0	0	
Aug 2018	0	0	
Jul 2018	0	0	
Jun 2018	0	0	
May 2018	0	0	
Apr 2018	0	0	
Date	G & D Hanks X-27-28HN API # 05-123-46030 Weld County, CO		

Date	G & D Hanks X-27-28HN  API # 05-123-46030  Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Mar 2018	0	0 0	
Date	G & D Hanks X-27-28HN  API # 05-123-46030  Weld County, CO		

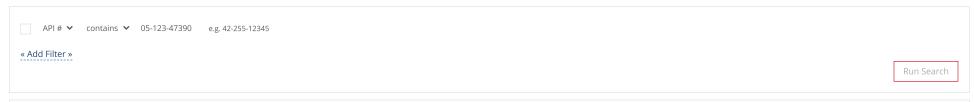


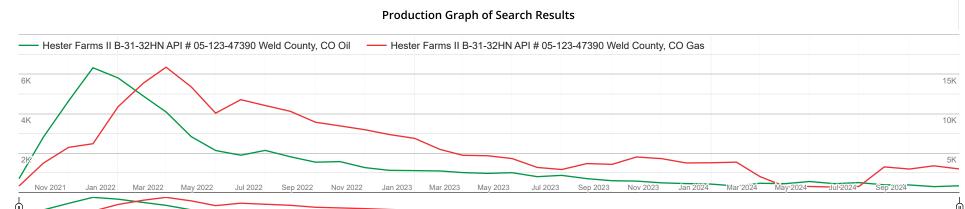


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Date	Hester Farms II A-31-32HN API # 05-123-47394 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Nov 2024	368	2,119
Oct 2024	311	2,200
Sep 2024	393	2,174
Aug 2024	464	2,373
Jul 2024	486	2,500
Jun 2024	494	1,672
May 2024	466	803
Apr 2024	464	823
Mar 2024	526	2,101
Feb 2024	383	2,215
Date	Hester Farms II A-31-32HN API # 05-123-47394 Weld County, CO	

Date	Hester Farms II A-31-32HN API # 05-123-47394 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Jan 2024	474	3,599
Dec 2023	233	506
Nov 2023	220	965
Oct 2023	452	2,477
Sep 2023	468	2,226
Aug 2023	555	2,448
Jul 2023	562	2,725
Jun 2023	556	2,939
May 2023	668	3,553
Apr 2023	703	3,630
Mar 2023	723	3,554
Feb 2023	817	3,982
Jan 2023	831	4,420
Dec 2022	767	4,757
Nov 2022	917	4,775
Oct 2022	997	5,224
Sep 2022	1,100	5,387
Aug 2022	1,351	6,115
Jul 2022	1,396	7,670
Jun 2022	1,501	8,259
May 2022	1,951	9,892
Apr 2022	2,386	12,592
Mar 2022	3,819	17,678
Feb 2022	5,240	17,813
Jan 2022	8,159	21,049
Dec 2021	10,142	12,655
Nov 2021	8,044	9,582
Oct 2021	5,722	6,701
Sep 2021	1,413	1,323
Aug 2021	0	0
Jul 2021	0	0
Jun 2021	0	0
May 2021	0	0
Apr 2021	0	0
Mar 2021	0	0
Date	Hester Farms II A-31-32HN API # 05-123-47394 Weld County, CO	, the second sec

Date	Hester Farms II A-31-32HN API # 05-123-47394 Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Feb 2021	0	0	
Jan 2021	0	0	
Dec 2020	0	0	
Nov 2020	0	0	
Oct 2020	0	0	
Sep 2020	0	0	
Aug 2020	0	0	
Jul 2020	0	0	
Jun 2020	0	0	
May 2020	0	0	
Apr 2020	0	0	
Mar 2020	0	0	
Feb 2020	0	0	
Jan 2020	0	0	
Dec 2019	0	0	
Nov 2019	0	0	
Oct 2019	0	0	
Sep 2019	0	0	
Aug 2019	0	0	
Jul 2019	0	0	
Jun 2019	0	0	
May 2019	0	0	
Apr 2019	0	0	
Mar 2019	0	0	
Feb 2019	0	0	
Jan 2019	0	0	
Dec 2018	0	0	
Nov 2018	0	0	
Oct 2018	0	0	
Date	Hester Farms II A-31-32HN API # 05-123-47394 Weld County, CO		

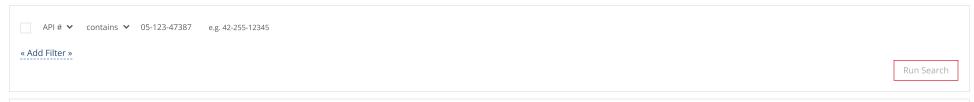


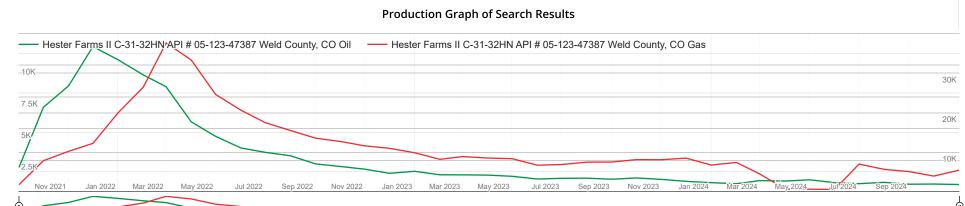


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Date	Hester Farms II B-31-32HN API # 05-123-47390 Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Nov 2024	347	3,004	
Oct 2024	306	3,401	
Sep 2024	390	2,988	
Aug 2024	395	3,261	
Jul 2024	509	794	
Jun 2024	455	707	
May 2024	565	783	
Apr 2024	454	774	
Mar 2024	475	2,036	
Feb 2024	336	3,861	
Date	Hester Farms II B-31-32HN API # 05-123-47390 Weld County, CO	API # 05-123-47390	

Date	Hester Farms II B-31-32HN API # 05-123-47390 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Jan 2024	433	3,786
Dec 2023	460	3,760
Nov 2023	497	4,307
Oct 2023	586	4,515
Sep 2023	604	3,584
Aug 2023	710	3,682
Jul 2023	876	2,930
Jun 2023	810	3,191
May 2023	1,011	4,316
Apr 2023	977	4,672
Mar 2023	1,017	4,733
Feb 2023	1,099	5,480
Jan 2023	1,117	6,872
Dec 2022	1,129	7,356
Nov 2022	1,267	7,963
Oct 2022	1,573	8,454
Sep 2022	1,543	8,915
Aug 2022	1,818	10,294
Jul 2022	2,140	11,033
Jun 2022	1,896	11,771
May 2022	2,135	10,066
Apr 2022	2,837	13,391
Mar 2022	4,087	15,880
Feb 2022	4,893	13,862
Jan 2022	5,808	10,888
Dec 2021	6,323	6,195
Nov 2021	4,641	5,734
Oct 2021	2,812	3,736
Sep 2021	705	838
Aug 2021	0	0
Jul 2021	0	0
Jun 2021	0	0
May 2021	0	0
Apr 2021	0	0
Mar 2021	0	0
Date	Hester Farms II B-31-32HN API # 05-123-47390 Weld County, CO	

Date	Hester Farms II B-31-32HN	
Feb 2021	0	0
Jan 2021	0	0
Dec 2020	0	0
Nov 2020	0	0
Oct 2020	0	0
Sep 2020	0	0
Aug 2020	0	0
Jul 2020	0	0
Jun 2020	0	0
May 2020	0	0
Apr 2020	0	0
Mar 2020	0	0
Feb 2020	0	0
Jan 2020	0	0
Dec 2019	0	0
Nov 2019	0	0
Oct 2019	0	0
Sep 2019	0	0
Aug 2019	0	0
Jul 2019	0	0
Jun 2019	0	0
May 2019	0	0
Apr 2019	0	0
Mar 2019	0	0
Feb 2019	0	0
Jan 2019	0	0
Dec 2018	0	0
Nov 2018	0	0
Oct 2018	0	0
Date	Hester Farms II B-31-32HN API # 05-123-47390 Weld County, CO	

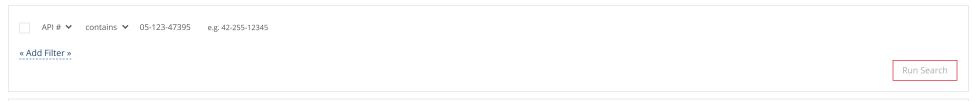


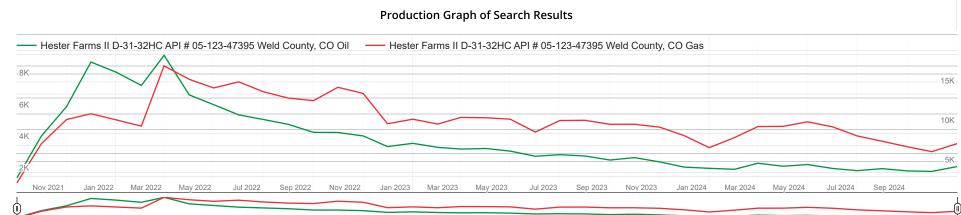


Date	Hester Farms II C-31-32HN API # 05-123-47387 Weld County, CO	API # 05-123-47387		
	Oil Prod (BBLs)	Gas Prod (MCF)		
Nov 2024	568	5,439		
Oct 2024	603	3,940		
Sep 2024	589	5,068		
Aug 2024	736	5,640		
Jul 2024	631	6,991		
Jun 2024	710	564		
May 2024	940	627		
Apr 2024	838	641		
Mar 2024	876	4,446		
Feb 2024	627	7,394		
Date	Hester Farms II C-31-32HN API # 05-123-47387 Weld County, CO			

Date	Hester Farms II C-31-32HN API # 05-123-47387 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Jan 2024	712	6,732
Dec 2023	817	8,496
Nov 2023	969	8,089
Oct 2023	1,085	8,112
Sep 2023	984	7,502
Aug 2023	1,066	7,472
Jul 2023	1,056	6,874
Jun 2023	999	6,706
May 2023	1,215	8,348
Apr 2023	1,309	8,509
Mar 2023	1,330	8,888
Feb 2023	1,334	8,186
Jan 2023	1,611	9,850
Dec 2022	1,450	10,976
Nov 2022	1,776	11,590
Oct 2022	1,996	12,729
Sep 2022	2,196	13,549
Aug 2022	2,840	15,490
Jul 2022	3,112	17,481
Jun 2022	3,460	20,648
May 2022	4,376	24,612
Apr 2022	5,525	33,335
Mar 2022	8,300	37,647
Feb 2022	9,232	26,480
Jan 2022 Dec 2021	10,430	19,981
	11,478	12,233
Nov 2021	8,370	10,210
Oct 2021	6,677	7,834
Sep 2021	1,917	1,758
Aug 2021	0	0
Jul 2021	0	0
Jun 2021	0	0
May 2021	0	0
Apr 2021	0	0
Mar 2021	0	0
Date	Hester Farms II C-31-32HN API # 05-123-47387 Weld County, CO	

Date	Hester Farms II C-31-32HN API # 05-123-47387 Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Feb 2021	0	0	
Jan 2021	0	0	
Dec 2020	0	0	
Nov 2020	0	0	
Oct 2020	0	0	
Sep 2020	0	0	
Aug 2020	0	0	
Jul 2020	0	0	
Jun 2020	0	0	
May 2020	0	0	
Apr 2020	0	0	
Mar 2020	0	0	
Feb 2020	0	0	
Jan 2020	0	0	
Dec 2019	0	0	
Nov 2019	0	0	
Oct 2019	0	0	
Sep 2019	0	0	
Aug 2019	0	0	
Jul 2019	0	0	
Jun 2019	0	0	
May 2019	0	0	
Apr 2019	0	0	
Mar 2019	0	0	
Feb 2019	0	0	
Jan 2019	0	0	
Dec 2018	0	0	
Nov 2018	0	0	
Oct 2018	0	0	
Date	Hester Farms II C-31-32HN API # 05-123-47387 Weld County, CO		

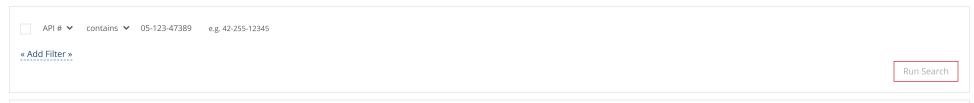


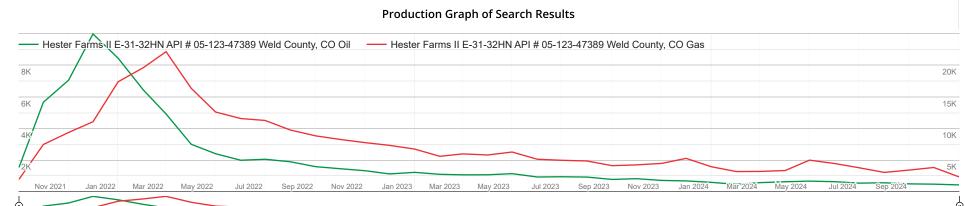


Date	Hester Farms II D-31-32HC  API # 05-123-47395  Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Nov 2024	1,650	6,207
Oct 2024	1,345	5,189
Sep 2024	1,377	5,806
Aug 2024	1,519	6,505
Jul 2024	1,393	7,183
Jun 2024	1,532	8,326
May 2024	1,781	8,970
Apr 2024	1,672	8,392
Mar 2024	1,863	8,369
Feb 2024	1,479	6,971
Date	Hester Farms II D-31-32HC API # 05-123-47395 Weld County, CO	

Date	Hester Farms II D-31-32HC API # 05-123-47395 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Jan 2024	1,540	5,698
Dec 2023	1,620	7,229
Nov 2023	1,947	8,293
Oct 2023	2,218	8,661
Sep 2023	2,065	8,651
Aug 2023	2,321	9,162
Jul 2023	2,404	9,130
Jun 2023	2,306	7,670
May 2023	2,631	9,306
Apr 2023	2,795	9,481
Mar 2023	2,759	9,519
Feb 2023	2,868	8,686
Jan 2023	3,122	9,299
Dec 2022	2,918	8,723
Nov 2022	3,591	12,571
Oct 2022	3,808	13,337
Sep 2022	3,818	11,653
Aug 2022	4,322	11,969
Jul 2022	4,634	12,777
Jun 2022	4,923	14,029
May 2022	5,571	13,254
Apr 2022	6,188	14,348
Mar 2022	8,693	16,057
Feb 2022	6,786	8,423
Jan 2022	7,625	9,216
Dec 2021	8,267	9,994
Nov 2021	5,446	9,253
Oct 2021	3,583	6,196
Sep 2021	939	1,254
Aug 2021	0	0
Jul 2021	0	0
Jun 2021	0	0
May 2021	0	0
Apr 2021	0	0
Mar 2021	0	0
Date	Hester Farms II D-31-32HC API # 05-123-47395 Weld County, CO	

Date	Hester Farms II D-31-32HC API # 05-123-47395 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Feb 2021	0	0
Jan 2021	0	0
Dec 2020	0	0
Nov 2020	0	0
Oct 2020	0	0
Sep 2020	0	0
Aug 2020	0	0
Jul 2020	0	0
Jun 2020	0	0
May 2020	0	0
Apr 2020	0	0
Mar 2020	0	0
Feb 2020	0	0
Jan 2020	0	0
Dec 2019	0	0
Nov 2019	0	0
Oct 2019	0	0
Sep 2019	0	0
Aug 2019	0	0
Jul 2019	0	0
Jun 2019	0	0
May 2019	0	0
Apr 2019	0	0
Mar 2019	0	0
Feb 2019	0	0
Jan 2019	0	0
Dec 2018	0	0
Nov 2018	0	0
Oct 2018	0	0
Date	Hester Farms II D-31-32HC API # 05-123-47395 Weld County, CO	

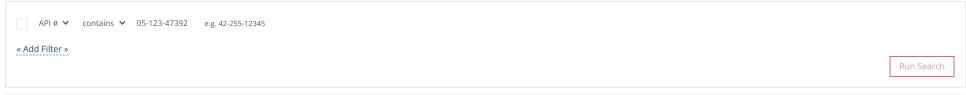


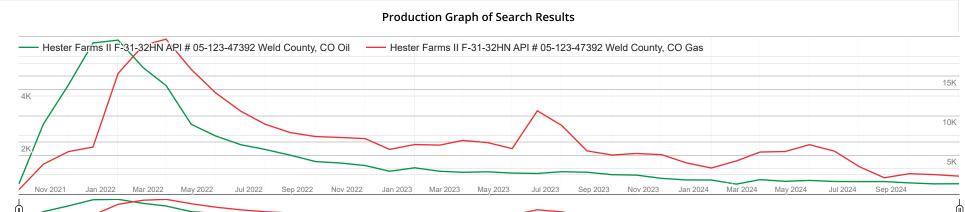


Date	Hester Farms II E-31-32HN API # 05-123-47389 Weld County, CO	API # 05-123-47389	
	Oil Prod (BBLs)	Gas Prod (MCF)	
Nov 2024	428	2,343	
Oct 2024	475	3,823	
Sep 2024	493	3,423	
Aug 2024	563	3,048	
ul 2024	539	3,783	
un 2024	631	4,450	
May 2024	667	4,986	
Apr 2024	627	3,342	
Mar 2024	571	3,204	
Feb 2024	462	3,181	
Date	Hester Farms II E-31-32HN API # 05-123-47389 Weld County, CO		

Date	Hester Farms II E-31-32HN API # 05-123-47389 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Jan 2024	591	3,946
Dec 2023	680	5,269
Nov 2023	711	4,471
Oct 2023	821	4,240
Sep 2023	774	4,115
Aug 2023	924	4,856
Jul 2023	945	4,964
Jun 2023	928	5,129
May 2023	1,139	6,271
Apr 2023	1,069	5,807
Mar 2023	1,066	5,974
Feb 2023	1,097	5,594
Jan 2023	1,222	6,735
Dec 2022	1,123	7,327
Nov 2022	1,325	7,759
Oct 2022	1,454	8,268
Sep 2022	1,583	8,833
Aug 2022	1,892	9,752
Jul 2022	2,051	11,266
Jun 2022	1,988	11,572
May 2022	2,401	12,601
Apr 2022	2,998	16,352
Mar 2022	4,916	22,150
Feb 2022	6,437	19,623
Jan 2022	8,446	17,388
Dec 2021	9,983	11,058
Nov 2021	7,053	9,365
Oct 2021	5,662	7,464
Sep 2021	1,535	1,950
Aug 2021	0	0
Jul 2021	0	0
Jun 2021	0	0
May 2021	0	0
Apr 2021	0	0
Mar 2021	0	0
Date	Hester Farms II E-31-32HN API # 05-123-47389 Weld County, CO	,

Date	Hester Farms II E-31-32HN API # 05-123-47389 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Feb 2021	0	0
Jan 2021	0	0
Dec 2020	0	0
Nov 2020	0	0
Oct 2020	0	0
Sep 2020	0	0
Aug 2020	0	0
Jul 2020	0	0
Jun 2020	0	0
May 2020	0	0
Apr 2020	0	0
Mar 2020	0	0
Feb 2020	0	0
Jan 2020	0	0
Dec 2019	0	0
Nov 2019	0	0
Oct 2019	0	0
Sep 2019	0	0
Aug 2019	0	0
Jul 2019	0	0
Jun 2019	0	0
May 2019	0	0
Apr 2019	0	0
Mar 2019	0	0
Feb 2019	0	0
Jan 2019	0	0
Dec 2018	0	0
Nov 2018	0	0
Oct 2018	0	0
Date	Hester Farms II E-31-32HN API # 05-123-47389 Weld County, CO	

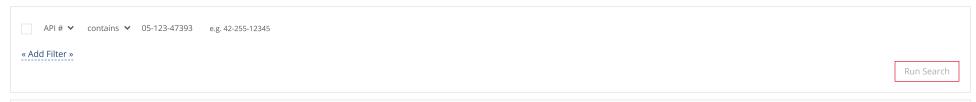


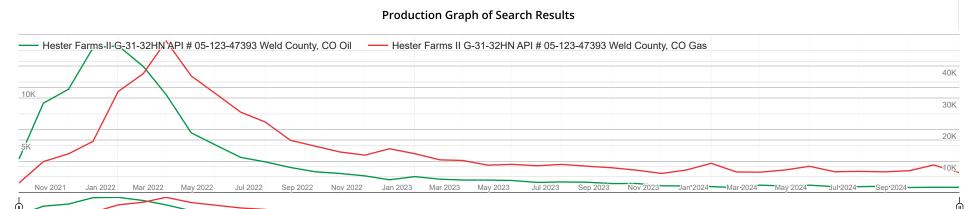


Date	Hester Farms II F-31-32HN API # 05-123-47392 Weld County, CO	API # 05-123-47392	
	Oil Prod (BBLs)	Gas Prod (MCF)	
Nov 2024	415	2,343	
Oct 2024	410	2,543	
Sep 2024	447	2,657	
Aug 2024	498	2,140	
ul 2024	495	3,559	
lun 2024	501	5,495	
May 2024	541	6,330	
Apr 2024	507	5,460	
Mar 2024	571	5,394	
Feb 2024	400	4,268	
Date	Hester Farms II F-31-32HN API # 05-123-47392 Weld County, CO		

Hester Farms II F-31-32HN API # 05-123-47392		
Weld County, CO		
BLs)	Gas Prod (MCF)	
	3,371	
	4,035	
	5,060	
	5,212	
	5,016	
	5,547	
	8,758	
	10,617	
	5,830	
	6,582	
	6,867	
	6,273	
	6,343	
	5,733	
	7,096	
	7,239	
	7,358	
	7,856	
	8,914	
	10,561	
	12,890	
	15,853	
	19,684	
	18,913	
	15,353	
	6,024	
	5,455	
	3,860	
	641	
	0	
	0	
	0	
	0	
	0	
	0	
<b>rns II F-31-32HN</b> 47392 CO		
47	7392	

Date	Hester Farms II F-31-32HN  API # 05-123-47392  Weld County, CO  Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Feb 2021	0	0
Jan 2021	0	0
Dec 2020	0	0
Nov 2020	0	0
Oct 2020	0	0
Sep 2020	0	0
Aug 2020	0	0
Jul 2020	0	0
Jun 2020	0	0
May 2020	0	0
Apr 2020	0	0
Mar 2020	0	0
Feb 2020	0	0
Jan 2020	0	0
Dec 2019	0	0
Nov 2019	0	0
Oct 2019	0	0
Sep 2019	0	0
Aug 2019	0	0
Jul 2019	0	0
Jun 2019	0	0
May 2019	0	0
Apr 2019	0	0
Mar 2019	0	0
Feb 2019	0	0
Jan 2019	0	0
Dec 2018	0	0
Nov 2018	0	0
Oct 2018	0	0
Date	Hester Farms II F-31-32HN API # 05-123-47392 Weld County, CO	

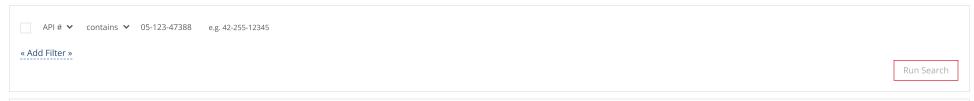


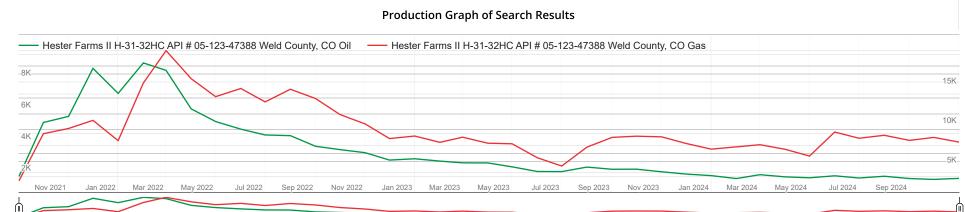


Date	Hester Farms II G-31-32HN API # 05-123-47393 Weld County, CO	API # 05-123-47393	
	Oil Prod (BBLs)	Gas Prod (MCF)	
Nov 2024	506	6,394	
Oct 2024	514	8,757	
Sep 2024	490	6,949	
Aug 2024	607	6,585	
Jul 2024	571	6,747	
Jun 2024	572	6,615	
May 2024	709	8,349	
Apr 2024	634	7,176	
Mar 2024	713	6,481	
Feb 2024	479	6,555	
Date	Hester Farms II G-31-32HN API # 05-123-47393 Weld County, CO		

Date	Hester Farms II G-31-32HN API # 05-123-47393 Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Jan 2024	576	9,287	
Dec 2023	635	7,150	
Nov 2023	654	6,084	
Oct 2023	872	7,114	
Sep 2023	864	7,877	
Aug 2023	991	8,376	
Jul 2023	1,018	8,950	
Jun 2023	972	8,519	
May 2023	1,154	8,953	
Apr 2023	1,193	8,706	
Mar 2023	1,199	10,189	
Feb 2023	1,282	10,386	
Jan 2023	1,523	12,348	
Dec 2022	1,224	13,897	
Nov 2022	1,590	11,878	
Oct 2022	1,826	12,880	
Sep 2022	1,977	14,687	
Aug 2022	2,391	16,578	
Jul 2022	2,924	22,379	
Jun 2022	3,348	25,453	
May 2022	4,520	31,323	
Apr 2022	5,683	36,947	
Mar 2022	9,320	48,009	
Feb 2022	11,981	37,681	
Jan 2022	13,955	32,007	
Dec 2021	13,741	16,219	
Nov 2021	9,823	12,305	
Oct 2021	8,493	9,831	
Sep 2021	3,191	3,057	
Aug 2021	0	0	
Jul 2021	0	0	
Jun 2021	0	0	
May 2021	0	0	
Apr 2021	0	0	
Mar 2021	0	0	
Date	Hester Farms II G-31-32HN API # 05-123-47393 Weld County, CO		

Date	Hester Farms II G-31-32HN API # 05-123-47393 Weld County, CO	
	Oil Prod (BBLs)	Gas Prod (MCF)
Feb 2021	0	0
Jan 2021	0	0
Dec 2020	0	0
Nov 2020	0	0
Oct 2020	0	0
Sep 2020	0	0
Aug 2020	0	0
Jul 2020	0	0
Jun 2020	0	0
May 2020	0	0
Apr 2020	0	0
Mar 2020	0	0
Feb 2020	0	0
Jan 2020	0	0
Dec 2019	0	0
Nov 2019	0	0
Oct 2019	0	0
Sep 2019	0	0
Aug 2019	0	0
Jul 2019	0	0
Jun 2019	0	0
May 2019	0	0
Apr 2019	0	0
Mar 2019	0	0
Feb 2019	0	0
Jan 2019	0	0
Dec 2018	0	0
Nov 2018	0	0
Oct 2018	0	0
Date	Hester Farms II G-31-32HN API # 05-123-47393 Weld County, CO	

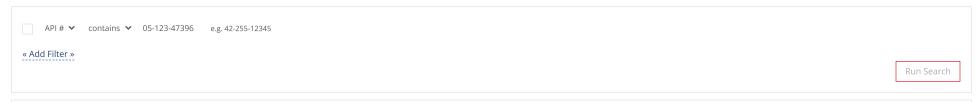


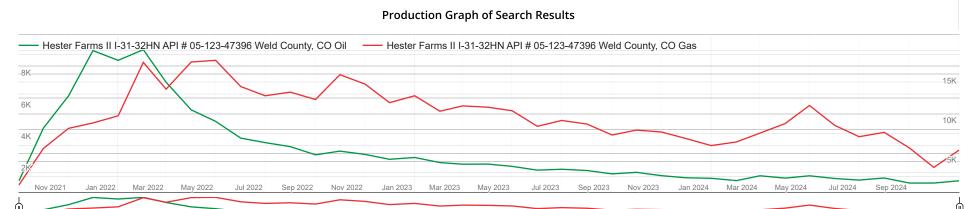


Date	Hester Farms II H-31-32HC API # 05-123-47388 Weld County, CO	API # 05-123-47388	
	Oil Prod (BBLs)	Gas Prod (MCF)	
Nov 2024	903	6,403	
Oct 2024	841	6,994	
Sep 2024	894	6,617	
Aug 2024	1,039	7,264	
Jul 2024	929	6,887	
Jun 2024	1,067	7,674	
May 2024	942	4,632	
Apr 2024	1,000	5,491	
Mar 2024	1,138	6,070	
Feb 2024	893	5,799	
Date	Hester Farms II H-31-32HC API # 05-123-47388 Weld County, CO		

	Hester Farms II H-31-32HC API # 05-123-47388			
Date	Weld County, CO	Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)		
Jan 2024	1,079	5,509		
Dec 2023	1,177	6,228		
Nov 2023	1,321	7,065		
Oct 2023	1,487	7,149		
Sep 2023	1,481	6,999		
Aug 2023	1,619	5,760		
Jul 2023	1,332	3,370		
Jun 2023	1,340	4,422		
May 2023	1,633	6,187		
Apr 2023	1,882	6,261		
Mar 2023	1,887	7,023		
Feb 2023	1,998	6,370		
Jan 2023	2,145	7,168		
Dec 2022	2,062	6,849		
Nov 2022	2,531	8,703		
Oct 2022	2,725	9,892		
Sep 2022	2,936	11,917		
Aug 2022	3,608	13,090		
Jul 2022	3,652	11,490		
Jun 2022	4,020	13,188		
May 2022	4,502	12,153		
Apr 2022	5,301	14,423		
Mar 2022	7,741	17,979		
Feb 2022	8,211	13,879		
Jan 2022	6,284	6,586		
Dec 2021	7,867	9,151		
Nov 2021	4,827	8,126		
Oct 2021	4,442	7,463		
Sep 2021	1,027	1,502		
Aug 2021	0	0		
Jul 2021	0	0		
Jun 2021	0	0		
May 2021	0	0		
Apr 2021	0	0		
Mar 2021	0	0		
Date	Hester Farms II H-31-32HC API # 05-123-47388 Weld County, CO			

Date	Hester Farms II H-31-32HC API # 05-123-47388 Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Feb 2021	0	0	
Jan 2021	0	0	
Dec 2020	0	0	
Nov 2020	0	0	
Oct 2020	0	0	
Sep 2020	0	0	
Aug 2020	0	0	
Jul 2020	0	0	
Jun 2020	0	0	
May 2020	0	0	
Apr 2020	0	0	
Mar 2020	0	0	
Feb 2020	0	0	
Jan 2020	0	0	
Dec 2019	0	0	
Nov 2019	0	0	
Oct 2019	0	0	
Sep 2019	0	0	
Aug 2019	0	0	
Jul 2019	0	0	
Jun 2019	0	0	
May 2019	0	0	
Apr 2019	0	0	
Mar 2019	0	0	
Feb 2019	0	0	
Jan 2019	0	0	
Dec 2018	0	0	
Nov 2018	0	0	
Oct 2018	0	0	
Date	Hester Farms II H-31-32HC  API # 05-123-47388  Weld County, CO		

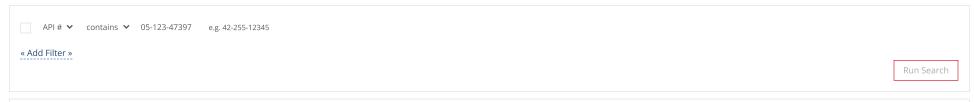


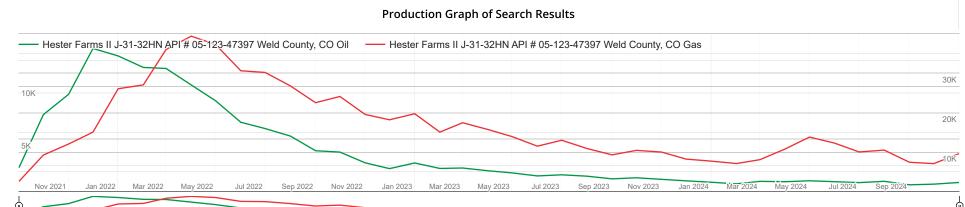


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Date			Hester Farms II I-31-32HN API # 05-123-47396 Weld County, CO	
			Oil Prod (BBLs)	Gas Prod (MCF)
Nov 2024			750	5,381
Oct 2024			609	3,194
Sep 2024			609	5,658
Aug 2024			929	7,633
Jul 2024			797	7,085
Jun 2024			897	8,524
May 2024			1,067	11,033
Apr 2024			923	8,748
Mar 2024			1,068	7,541
Feb 2024			762	6,418
Date			Hester Farms II I-31-32HN API # 05-123-47396 Weld County, CO	

	Hester Farms II I-31-32HN API # 05-173-47396	Hester Farms II I-31-32HN API # 05-123-47396		
Date	Weld County, CO			
	Oil Prod (BBLs)	Gas Prod (MCF)		
Jan 2024	909	5,959		
Dec 2023	943	6,850		
Nov 2023	1,074	7,675		
Oct 2023	1,287	7,919		
Sep 2023	1,189	7,297		
Aug 2023	1,402	8,687		
Jul 2023	1,482	9,141		
Jun 2023	1,424	8,401		
May 2023	1,665	10,367		
Apr 2023	1,810	10,820		
Mar 2023	1,801	10,982		
Feb 2023	1,905	10,309		
Jan 2023	2,226	12,264		
Dec 2022	2,112	11,393		
Nov 2022	2,420	13,743		
Oct 2022	2,630	14,933		
Sep 2022	2,395	11,790		
Aug 2022	2,912	12,725		
Jul 2022	3,168	12,265		
Jun 2022	3,451	13,429		
May 2022	4,514	16,752		
Apr 2022	5,240	16,538		
Mar 2022	6,990	13,103		
Feb 2022	9,050	16,496		
Jan 2022	8,374	9,728		
Dec 2021	8,992	8,826		
Nov 2021	6,126	8,139		
Oct 2021	4,084	5,594		
Sep 2021	750	987		
Aug 2021	0	0		
Jul 2021	0	0		
Jun 2021	0	0		
May 2021	0	0		
Apr 2021	0	0		
Mar 2021	0	0		
Date	Hester Farms II I-31-32HN API # 05-123-47396			
	Weld County, CO			

Date	Hester Farms II I-31-32HN API # 05-123-47396 Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Feb 2021	0	0	
Jan 2021	0	0	
Dec 2020	0	0	
Nov 2020	0	0	
Oct 2020	0	0	
Sep 2020	0	0	
Aug 2020	0	0	
Jul 2020	0	0	
Jun 2020	0	0	
May 2020	0	0	
Apr 2020	0	0	
Mar 2020	0	0	
Feb 2020	0	0	
Jan 2020	0	0	
Dec 2019	0	0	
Nov 2019	0	0	
Oct 2019	0	0	
Sep 2019	0	0	
Aug 2019	0	0	
Jul 2019	0	0	
Jun 2019	0	0	
May 2019	0	0	
Apr 2019	0	0	
Mar 2019	0	0	
Feb 2019	0	0	
Jan 2019	0	0	
Dec 2018	0	0	
Nov 2018	0	0	
Oct 2018	0	0	
Date	Hester Farms II I-31-32HN API # 05-123-47396 Weld County, CO		

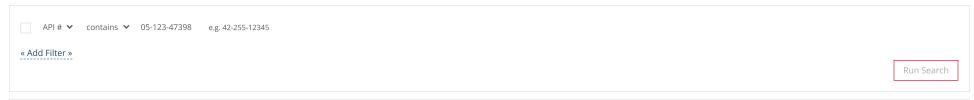


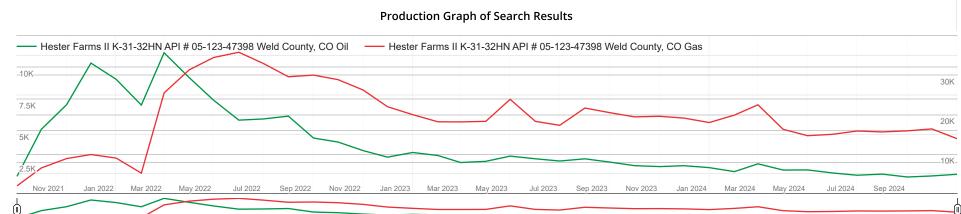


Date	Hester Farms II J-31-32HN API # 05-123-47397 Weld County, CO	API # 05-123-47397		
	Oil Prod (BBLs)	Gas Prod (MCF)		
Nov 2024	873	9,627		
Oct 2024	713	7,097		
Sep 2024	651	7,443		
Aug 2024	983	10,520		
Jul 2024	859	10,053		
Jun 2024	948	12,281		
May 2024	1,032	13,823		
Apr 2024	945	10,806		
Mar 2024	979	8,107		
Feb 2024	740	7,115		
Date	Hester Farms II J-31-32HN API # 05-123-47397 Weld County, CO			

	Hester Farms II J-31-32HN API # 05-123-47397		
Date	Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Jan 2024	896	7,729	
Dec 2023	1,029	8,246	
Nov 2023	1,169	10,022	
Oct 2023	1,317	10,459	
Sep 2023	1,216	9,318	
Aug 2023	1,470	10,928	
Jul 2023	1,600	13,014	
Jun 2023	1,494	11,517	
May 2023	1,782	13,936	
Apr 2023	1,986	15,751	
Mar 2023	2,246	17,447	
Feb 2023	2,204	15,075	
Jan 2023	2,724	19,726	
Dec 2022	2,188	18,193	
Nov 2022	2,739	19,560	
Oct 2022	3,757	24,102	
Sep 2022	3,888	22,524	
Aug 2022	5,280	26,775	
Jul 2022	5,990	30,178	
Jun 2022	6,589	30,608	
May 2022	8,628	37,252	
Apr 2022	10,131	39,365	
Mar 2022	11,697	35,996	
Feb 2022	11,795	27,037	
Jan 2022	12,886	26,055	
Dec 2021	13,594	15,069	
Nov 2021	9,236	12,057	
Oct 2021	7,313	9,265	
Sep 2021	2,284	2,613	
Aug 2021	0	0	
Jul 2021	0	0	
Jun 2021	0	0	
May 2021	0	0	
Apr 2021	0	0	
Mar 2021	0	0	
Date	Hester Farms II J-31-32HN API # 05-123-47397		
	API # U5-123-4/39/ Weld County, CO		

Date	Hester Farms II J-31-32HN API # 05-123-47397 Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Feb 2021	0	0	
Jan 2021	0	0	
Dec 2020	0	0	
Nov 2020	0	0	
Oct 2020	0	0	
Sep 2020	0	0	
Aug 2020	0	0	
Jul 2020	0	0	
Jun 2020	0	0	
May 2020	0	0	
Apr 2020	0	0	
Mar 2020	0	0	
Feb 2020	0	0	
Jan 2020	0	0	
Dec 2019	0	0	
Nov 2019	0	0	
Oct 2019	0	0	
Sep 2019	0	0	
Aug 2019	0	0	
Jul 2019	0	0	
Jun 2019	0	0	
May 2019	0	0	
Apr 2019	0	0	
Mar 2019	0	0	
Feb 2019	0	0	
Jan 2019	0	0	
Dec 2018	0	0	
Nov 2018	0	0	
Oct 2018	0	0	
Date	Hester Farms II J-31-32HN API # 05-123-47397 Weld County, CO		

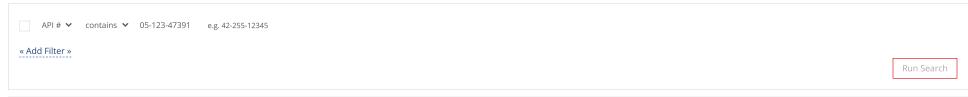


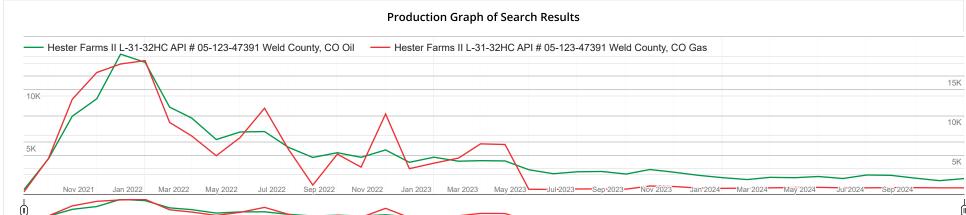


Date	Hester Farms II K-31-32HN API # 05-123-47398 Weld County, CO		
	Oil Prod (BBLs)	Oil Prod (BBLs) Gas Prod (MCF)	
Nov 2024	1,533	13,924	
Oct 2024	1,401	16,393	
Sep 2024	1,319	15,907	
Aug 2024	1,547	15,632	
Jul 2024	1,459	15,863	
un 2024	1,636	15,029	
May 2024	1,878	14,677	
Apr 2024	1,868	16,297	
Mar 2024	2,361	22,497	
Feb 2024	1,744	19,888	
Date	Hester Farms II K-31-32HN API # 05-123-47398 Weld County, CO		

Date	Hester Farms II K-31-32HN API # 05-123-47398 Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Jan 2024	2,060	18,006	
Dec 2023	2,213	19,129	
Nov 2023	2,141	19,589	
Oct 2023	2,216	19,442	
Sep 2023	2,496	20,494	
Aug 2023	2,756	21,680	
Jul 2023	2,583	17,302	
Jun 2023	2,760	18,306	
May 2023	2,970	23,881	
Apr 2023	2,557	18,306	
Mar 2023	2,463	18,166	
Feb 2023	3,019	18,196	
Jan 2023	3,258	20,002	
Dec 2022	2,889	22,014	
Nov 2022	3,408	26,246	
Oct 2022	4,087	28,871	
Sep 2022	4,399	30,015	
Aug 2022	6,135	29,597	
Jul 2022	5,909	32,984	
Jun 2022	5,818	35,799	
May 2022	7,393	34,468	
Apr 2022	9,181	31,351	
Mar 2022	11,146	25,497	
Feb 2022	7,010	5,198	
Jan 2022	9,049	9,008	
Dec 2021	10,330	9,914	
Nov 2021	7,033	8,879	
Oct 2021	5,094	6,513	
Sep 2021	1,369	1,975	
Aug 2021	0	0	
Jul 2021	0	0	
Jun 2021	0	0	
May 2021	0	0	
Apr 2021	0	0	
Mar 2021	0	0	
Date	Hester Farms II K-31-32HN API # 05-123-47398 Weld County, CO		

Date	Hester Farms II K-31-32HN API # 05-123-47398 Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Feb 2021	0	0	
Jan 2021	0	0	
Dec 2020	0	0	
Nov 2020	0	0	
Oct 2020	0	0	
Sep 2020	0	0	
Aug 2020	0	0	
Jul 2020	0	0	
Jun 2020	0	0	
May 2020	0	0	
Apr 2020	0	0	
Mar 2020	0	0	
Feb 2020	0	0	
Jan 2020	0	0	
Dec 2019	0	0	
Nov 2019	0	0	
Oct 2019	0	0	
Sep 2019	0	0	
Aug 2019	0	0	
Jul 2019	0	0	
Jun 2019	0	0	
May 2019	0	0	
Apr 2019	0	0	
Mar 2019	0	0	
Feb 2019	0	0	
Jan 2019	0	0	
Dec 2018	0	0	
Nov 2018	0	0	
Oct 2018	0	0	
Date	Hester Farms II K-31-32HN API # 05-123-47398 Weld County, CO		





Date	Hester Farms II L-31-32HC API # 05-123-47391 Weld County, CO	API # 05-123-47391		
	Oil Prod (BBLs)	Gas Prod (MCF)		
Nov 2024	1,525	860		
Oct 2024	1,330	863		
Sep 2024	1,562	884		
Aug 2024	1,833	891		
Jul 2024	1,868	863		
Jun 2024	1,533	865		
May 2024	1,725	923		
Apr 2024	1,611	907		
Mar 2024	1,645	864		
Feb 2024	1,434	823		
Date	Hester Farms II L-31-32HC API # 05-123-47391 Weld County, CO			

Date	Hester Farms II L-31-32HC  API # 05-123-47391  Weld County, CO		
	Oil Prod (BBLs)	Gas Prod (MCF)	
Jan 2024	1,611	800	
Dec 2023	1,839	840	
Nov 2023	2,126	1,028	
Oct 2023	2,387	1,094	
Sep 2023	1,959	701	
Aug 2023	2,201	726	
Jul 2023	2,172	721	
Jun 2023	1,988	661	
May 2023	2,367	685	
Apr 2023	3,201	6,349	
Mar 2023	3,229	6,430	
Feb 2023	3,178	4,627	
Jan 2023	3,555	3,985	
Dec 2022	3,072	3,290	
Nov 2022	4,246	10,210	
Oct 2022	3,546	3,484	
Sep 2022	3,983	5,127	
Aug 2022	3,535	1,213	
Jul 2022	4,502	5,788	
Jun 2022	5,992	10,941	
May 2022	5,950	7,216	
Apr 2022	5,231	4,927	
Mar 2022	7,268	7,424	
Feb 2022	8,312	9,145	
Jan 2022	12,562	16,970	
Dec 2021	13,337	16,541	
Nov 2021	9,105	15,463	
Oct 2021	7,445	12,073	
Sep 2021	3,416	4,595	
Aug 2021	480	358	
Jul 2021	0	0	
Jun 2021	0	0	
May 2021	0	0	
Apr 2021	0	0	
Mar 2021	0	0	
Date	Hester Farms II L-31-32HC API # 05-123-47391 Weld County, CO		

Date	Hester Farms II L-31-32HC           API # 05-123-47391           Weld County, CO						
	Oil Prod (BBLs)	Gas Prod (MCF)					
Feb 2021	0	0					
Jan 2021	0	0					
Dec 2020	0	0					
Nov 2020	0	0					
Oct 2020	0	0					
Sep 2020	0	0					
Aug 2020	0	0					
Jul 2020	0	0					
Jun 2020	0	0					
May 2020	0	0					
Apr 2020	0	0					
Mar 2020	0	0					
Feb 2020	0	0					
Jan 2020	0	0					
Dec 2019	0	0					
Nov 2019	0	0					
Oct 2019	0	0					
Sep 2019	0	0					
Aug 2019	0	0					
Jul 2019	0	0					
Jun 2019	0	0					
May 2019	0	0					
Apr 2019	0	0					
Mar 2019	0	0					
Feb 2019	0	0					
Jan 2019	0	0					
Dec 2018	0	0					
Nov 2018	0	0					
Oct 2018	0	0					
Date	Hester Farms II L-31-32HC API # 05-123-47391 Weld County, CO						



05/22

## **State of Colorado**

# Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

**APPLICATION FOR PERMIT TO** 





**Document Number:** 

403225894

Date Received:

11/11/2022

X Drill Deepen Re-enter Recomplete and Operate	Amend
TYPE OF WELL OIL X GAS COALBED OTHER:	Refile X
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES	Sidetrack
Well Name: BLEHM Well Number: 1X-HNC-10-07-67	
Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operat	or Number:10669
Address: 44 COOK ST STE 705	
City: DENVER State: CO Zip: 80206	
Contact Name: ERIN LIND Phone: (303)2267375 Fax: ( )	_
Email: erin.lind@nickelroadoperating.com	
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION	N
COGCC Financial Assurance	
X The Operator has provided or will provide Financial Assurance to the COGCC for this Well.	
Surety ID Number (if applicable):20200034	
Federal Financial Assurance	
In checking this box, the Operator certifies that it has provided or will provide at least this amount of F federal government for this Well. (Per Rule702.a.)	inancial Assurance to the
Amount of Federal Financial Assurance \$	
WELL LOCATION INFORMATION	
Surface Location	
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6	
FNL/FSL FEL/FWL	
Footage at Surface: 362 Feet FNL 702 Feet FEL	
Latitude: 40.594963 Longitude: -104.891157  GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date	-4 M
Type of Gr3 Quality value. 1901	of Measurement: 06/23/2020
Ground Elevation:5101 Field Number: 90750	
Field Name: WATTENBERG Field Number: 90750	
Well Plan: is Directional X Horizontal (highly deviated) Vertical  If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.	
Subsurface Locations	
Top of Productive Zone (TPZ)	
Sec: 9 Twp: 7N Rng: 67W Footage at TPZ: 629	FNL 460 FWL
Measured Depth of TPZ: 9414 True Vertical Depth of TPZ: 6894	FNL/FSL FEL/FWL

Base of P	roductive	Zone (	BPZ)										
	Sec:	10	Twp:	7N	Rng:	67W	Footage	e at BPZ:	629	FNL	460	FEL	
	Measu	red Dep	pth of BP2	Z: 1889	95		True Vertical De	epth of BP	Z: 7088	FNL/FSL		FEL/FWL	
Bottom Ho	ole Locat	ion (BHI	L)										
	Sec:	10	Twp:	7N	Rng:	67W	Footage	at BHL:	629	FNL	460	FEL	
			_							FNL/FSL		FEL/FWL	
LOCAL (	GOVEF	RNMEN	NT PER	MITTIN	IG INF	ORMAT	TION						
County: W	/ELD					Municipa	ality: N/A						
Is the Surfa	ace Loca	ition of t	his Well i	n an area	— a design	ated as o	ne of State interest	and subje	ct to the req	uirements o	of §		
24-65.1-10	08 C.R.S	.? No	0										
Per § 34-60 proposed C				e followii	ng ques	tions pert	ain to the Relevant	Local Gov	ernment ap <sub>l</sub>	oroval of the	e siting of	the	
							perators must includ local government d						
Does the R	Relevant I	_ocal G	overnmen	nt regulat	e the sit	ing of Oil	and Gas Locations,	with resp	ect to this Lo	ocation?	X Yes	No	
X If yes	s, in chec siting of th	king this	s box, I he osed oil ar	ereby cer nd gas lo	rtify that cation.	an applic	ation has been filed	with the le	ocal governi	ment with ju	urisdiction	to approve	
The dispos	sition of th	ne applio	cation file	d with the	e Releva	ant Local	Government is: A	pproved	Date of	Final Dispo	osition:	10/15/2020	-
Comments	: 1041	WOGLA	20-0076										
SURFAC LOCATION		MINE	RAL O	WNERS	SHIP A	T WELI	L'S OIL & GAS						
Surface Ow	wner of th	ne land a	at this We	ell's Oil ar	nd Gas I	_ocation:	X Fee	State	Federa	l Ind	ian		
Mineral Ow	vner bene	eath this	s Well's O	il and Ga	as Locati	on:	X Fee	State	Federa	l Ind	ian		
Surface Ow	wner Prot	ection E	Bond (if ap	oplicable)	):			Su —	rety ID Num	ber (if appli	cable):		
MINE WELL		DEVEI	LOPED	BY									
_	vnership  X Fee  State  Fede  India  N/A	ral	e minerals	s that will	be deve	eloped by	this Well is (check	all that ap	ply):				
LEASE I	INFOR	MATIC	ON										
* If this W	/ell is witl /ell is not	nin a uni subject	it, describ to a unit,	e a lease describe	e that wi e the lea	II be deve se that wi	cribe one entire min eloped by the Well. ill be produced by th ary.)		as follows:				
PLEASE	E SEE LI	EASE M	IAP ON F	II F									1
			, (i Oiti										
Total Acre	es in Des			2	[	Described	d Mineral Lease is:	X Fee	Sta	ate Fe	ederal [	Indian	

INFORMATION				
Distance from Well to ne	earest:		INSTRUCTIONS:	
	Building:	1009 Feet	- Specify all distances	
Bu	ilding Unit:	1009 Feet		ince greater than 1 mile. uilding of any type. If nearest
	ublic Road:	350 Feet		Unit, enter same distance for
			both.	S. 1: 400 S. : D. I
Above Gro		320 Feet	- Building Unit – as d	efined in 100 Series Rules.
	Railroad:	5280 Feet		
	perty Line:	343 Feet		
OBJECTIVE FORM	MATIONS			
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR	407-3028	640	T7N R67W: Sec.9 & 10: N/2
Federal or State Uni	it Name (if annl):		1	Init Number:
				TIII NUITIDEI.
SUBSURFACE MIN SETBACKS	NEKAL	Enter 5280 for distai	nce greater than 1 mile.	
Enter the minimounit permitted or If NO:	um distance from to completed in the distance from the	same formation: 176  Completed Zone of this Well	Vell to the Unit Boundary:  Vell to the Completed Zone of a  Feet  I to the Lease Line of the descr	ibed lease: Feet
		•	·	onset well producing from
the same lease an		npleted in the same formation	•	orrset vveii producing from
the same lease an <b>Exception Location</b>	d permitted or cors	npleted in the same formation Rule 401.c Exception Locat	·	·
the same lease an  Exception Location  If this Well require  Exception Location	d permitted or constituted or constituted or a street approval of a street and Wa	npleted in the same formation  Rule 401.c Exception Locat	n: Feet	·
the same lease an  Exception Location  If this Well require  Exception Location	d permitted or constituted or constituted or a street approval of a street and Wa	npleted in the same formation  Rule 401.c Exception Locat	n: Feet	·
the same lease an  Exception Location  If this Well require  Exception Location	d permitted or constituted or constituted or a street approval of a street and Wa	npleted in the same formation  Rule 401.c Exception Locat	n: Feet	·
the same lease an  Exception Location  If this Well require  Exception Location	d permitted or constituted or constituted or a street approval of a street and Wa	npleted in the same formation  Rule 401.c Exception Locat	n: Feet	·
the same lease an  Exception Location  If this Well require  Exception Location	d permitted or constituted or constituted or a street approval of a street and Wa	npleted in the same formation  Rule 401.c Exception Locat	n: Feet	·
the same lease an  Exception Location  If this Well require  Exception Location	d permitted or constituted or constituted or a street approval of a street and Wa	npleted in the same formation  Rule 401.c Exception Locat	n: Feet	·
the same lease an  Exception Location  If this Well require	d permitted or constituted or constituted or a street approval of a street and Wa	npleted in the same formation  Rule 401.c Exception Locat	n: Feet	·
the same lease an  Exception Location  If this Well require  Exception Location	d permitted or constituted or constituted or a street approval of a street and Wa	npleted in the same formation  Rule 401.c Exception Locat	n: Feet	·

DRILLING PROGRAM
Proposed Total Measured Depth:18895 _ Feet
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet:1107 Feet
Will a closed-loop drilling system be used? Yes
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than
or equal to 100 ppm? No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No
Will salt sections be encountered during drilling?No
Will salt based (>15,000 ppm Cl) drilling fluids be used? No
Will oil based drilling fluids be used? Yes
BOP Equipment Type: 🔀 Annular Preventor 💢 Double Ram 💢 Rotating Head
Beneficial reuse or land application plan submitted?
Reuse Facility ID: or Document Number:
CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	16	NA	42	0	80	100	80	0
SURF	13+1/2	9+5/8	K-55	36	0	1500	415	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	18895	2450	18895	1000

Conductor Casing is NOT planned

#### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> /Hazard	<u>Тор</u> <u>М.D.</u>	<u>Top</u> T.V.D	Bottom M.D.	Bottom T.V.D		Data Source	Comment
Groundwater	Laramie-Fox Hills	0	0	139	139	1001-10000	Other	CSU - Domestic Water Analysis Report - Larry Moore Well - 176559
Groundwater	Upper Pierre	300	300	1314	1314	1001-10000	Other	Water Quality and the Presence and Origin of Methane in the Upper Pierre Aquifer in Northeastern Weld County, Morgan County and Logan County, Colorado COGCC Project Number 2141 October 2017
Confining Layer	Pierre Shale	1314	1314	4612	4088			
Hydrocarbon	Sussex	4612	4088	5276	4437			
Hydrocarbon	Shannon	5276	4437	5331	4466			
Confining Layer	Pierre Shale	5331	4466	8942	6703			
Hydrocarbon	Niobrara	8942	6703	18895	7088			Btm MD=TD, Btm TVD=TVD @ BHL

#### OPERATOR COMMENTS AND SUBMITTAL

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 1X-HNB-10-07-67. Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured to the Arkansas 8-67-33-4N (Enerplus, PR, 05-123-449036). There are no other operator wells with treated interval less 175' from the treated interval of the proposed well. Distances measured in 2D map view.

This location has been built and contains 10 wells in PR status. The following changes from the previously approved Form 2 are being made via this refile:

- Offset Well Evaluation: new template attached
- Updated distance to nearest Building and Building Unit

No other changes to this Form 2 are proposed at this time. Attachments have not been provided except as identified above as no changes are proposed.

This applic	cation is in a Comprehensive Area Plan		CAP #:		_	
Oil and Ga	as Development Plan Name		OGDP ID#:			
Location I	D:478497					
I hereby o	certify all statements made in this form are, t	o the best of m	ny knowledge, true,	correct, ar	nd complete.	
Signed:			Print Name: ER	IN LIND		
Title:	SR REGULATORY ANALYST	Date: _	11/11/2022	Email:	erin.lind@nickelroadoperating	.c
water righ law. Oper for a chan Based on t	must have a valid water right or permit allow to r permit allowing for industrial use, other ator must also use the water in the location use in place of use is required under Color the information provided herein, this Application and is hereby approved.	erwise an app on set forth in rado law. Sect	lication for a chang the water right dec tion 37-92-103(5),	ge in type cree or wel C.R.S. (20	of use is required under Color: Il permit, otherwise an applicat 011).	ado
COGCC A <sub>l</sub>	pproved:	Dir	ector of COGCC	Date:	3/1/2023	
05 12	<b>API NUMBER</b> 23 51461 00		Expira	ation Date:	02/28/2026	

#### **Conditions Of Approval**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017).
Construction	If conductors are preset, operator shall comply with Rule 406.e.
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 48 hour spud notice for all subsequent wells drilled on the pad. 2) Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log. 3) Oil-based drilling fluid is to be used only after all aquifers are covered.
4 COAs	

# **Best Management Practices**

No.	BMP/COA Type	<u>Description</u>
1	Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.
2	Prilling/Completion Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.
3	Drilling/Completion Operations	Operator acknowledges and will comply with COGCC policy for Bradenhead Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area dated May 29, 2012.

Total: 3 comment(s)

#### **Attachment List**

Att Doc Num	<u>Name</u>
403225894	FORM 2 SUBMITTED
403225966	OffsetWellEvaluations Data
403333777	OFFSET WELL EVALUATION

Total Attach: 3 Files

	<b>General Comments</b>	
<u>User Group</u>	Comment	Comment Date
Permit	Final Review Completed.	02/27/2023
OGLA	This Location and its associated materials was fully reviewed in the review of this APD. See Sundry doc #403275510 in Location #478497 file for additional information. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	02/23/2023
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Permit	be utilized.  Made the following changes with concurrence from the operator: - Selected NO for sidetrack under Well Name & Contact Info tab Revised Unit Configuration box to include Twp & Rng.	12/21/2022
	Permit Review Complete	
Permit	Emailed Operator for the following: - Confirm Sidetrack is NO - Confirm revising Unit Configuration box to include Twp & Rng Form 2A distances are greater than reported distances to Building & Building Unit. Advised operator to submit sundry to have Form 2A updated. Notified OGLA.	12/20/2022
OGLA	The Location and its associated Form 2A materials was fully reviewed during the review of this APD. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	12/13/2022
Engineer	Offset Wells re-Evaluated with this APD.	11/14/2022

Total: 7 comment(s)

05/22

# State of Colorado

# Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

**APPLICATION FOR PERMIT TO** 





**Document Number:** 

403225994

Date Received:

11/11/2022

X Drill Deepen Re-enter Recomplete and Operate Amend	
TYPE OF WELL OIL X GAS COALBED OTHER:	
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES Sidetrack	
Well Name: BLEHM Well Number: 2X-HC-10-07-67	
Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operator Number: 10669	
Address: 44 COOK ST STE 705	
City:DENVER State:CO Zip:80206	
Contact Name: <u>ERIN LIND</u> Phone: <u>(303)2267375</u> Fax: <u>(</u> )	
Email: erin.lind@nickelroadoperating.com	
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION	
COGCC Financial Assurance	
X The Operator has provided or will provide Financial Assurance to the COGCC for this Well.	
Surety ID Number (if applicable):20200034	
Federal Financial Assurance	
In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for this Well. (Per Rule702.a.)	;
Amount of Federal Financial Assurance \$	
WELL LOCATION INFORMATION	
Surface Location	
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6	
FNL/FSL FEL/FWL	
Footage at Surface: 377 Feet FNL 703 Feet FEL	
Latitude: 40.594921 Longitude: -104.891161  GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 06/23/2	2020
GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 06/23/2  Ground Elevation: 5101	
Field Name: WATTENBERG Field Number: 90750	
Well Plan: is Directional X Horizontal (highly deviated) Vertical  If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.	
Subsurface Locations	
Top of Productive Zone (TPZ)	
	-WL
	L/FWL
· ——	

Base of Pi	roductive	e Zone (	BPZ)									
	Sec:	_10_	Twp:	7N	Rng:	67W	Footage at	BPZ:	940	FNL	460	FEL
	Meası	ured Dep	oth of BP2	Z: 1898	32		True Vertical Depth	of BPZ	: 7204	FNL/FSL		FEL/FWL
Bottom Ho	ole Locat	ion (BH	L)									
	Sec:	10	Twp:	7N	Rng:	67W	Footage at	BHL:	940	FNL	460	FEL
			_					_		FNL/FSL		FEL/FWL
LOCAL (	GOVEF	RNMEN	NT PER	MITTIN	G INF	ORMAT	TON					
County: W	/ELD					Municipa	ality: N/A					
Is the Surfa	ace Loca	ation of t	his Well i	n an area	_ a design	ated as o	ne of State interest and	l subjec	t to the req	uirements o	of §	
24-65.1-10	8 C.R.S	.? No	O									
Per § 34-60 proposed C				e followir	ng quest	tions pert	ain to the Relevant Loc	al Gove	rnment apı	oroval of the	e siting of	the
							perators must include p local government does					
Does the R	elevant	Local G	overnmen	nt regulate	e the siti	ing of Oil	and Gas Locations, wit	h respe	ct to this Lo	ocation?	X Yes	No
X If yes	s, in chec iting of th	king this	s box, I he osed oil ar	ereby cer	tify that cation.	an applic	ation has been filed wit	h the lo	cal governi	ment with ju	ırisdiction	to approve
The disposi	ition of th	ne applio	cation file	d with the	e Releva	int Local	Government is: Appr	oved	Date of	Final Dispo	osition:	10/15/2020
Comments:	: 1041	WOGLA	20-0076									
SURFAC		MINE	RAL O	WNERS	SHIP A	T WELI	L'S OIL & GAS					
Surface Ow	vner of th	ne land a	at this We	ell's Oil ar	nd Gas L	ocation:	X Fee	State	Federa	I Ind	ian	
Mineral Ow	ner ben	eath this	Well's O	il and Ga	s Locati	on:	X Fee	State	Federa	l Ind	ian	
Surface Ow	vner Pro	tection E	Bond (if ap	oplicable)	):			Sure	ety ID Num	ber (if appli	cable):	
MINE WELL		DEVE	LOPED	BY								
_	vnership X Fee State Fede India N/A	ral	e minerals	s that will	be deve	eloped by	this Well is (check all t	hat app	ly):			
LEASE I	INFOR	MATIC	N									
* If this W	/ell is wit /ell is not	hin a un subject	it, describ to a unit,	e a lease describe	that wi the lea	II be deve se that wi	cribe one entire mineral eloped by the Well. ill be produced by the Vary.)		as follows:			
PLEASE	E SEE L	EASE M	IAP ON F	ILE								
Total Acre	s in Des	cribed L	ease:	2		Described	Mineral Lease is:	Fee	Sta	ate Fe	ederal	Indian
Federal or											· ·	

SAFETY SETBACK INFORMATION	,			
Distance from Well to ne	earest:		INSTRUCTIONS:	a man Bula 200 h (1)
	Building:	1015 Feet	- Specify all distances - Enter 5280 for dista	ance greater than 1 mile.
Bu	ilding Unit:	1015 Feet	- Building - nearest b	uilding of any type. If nearest
Pu	ıblic Road:	365 Feet	Building is a Building both.	Unit, enter same distance for
Above Gro	und Utility:	335 Feet	- Building Unit – as d	efined in 100 Series Rules.
	Railroad:	5280 Feet		
Pro	perty Line:	358 Feet		
OBJECTIVE FORM	MATIONS			
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
CODELL	CODL	407-3028	640	T7N R67W: Sec.9 & 10: N/2
Federal or State Uni	it Name (if appl):		U	Init Number:
SUBSURFACE MIN	IERAL	Enter 5280 for dista	nce greater than 1 mile.	
SETBACKS				
Enter the minimounit permitted or If NO:	um distance from t completed in the	same formation: 258	Vell to the Unit Boundary:  Vell to the Completed Zone of a  Feet  I to the Lease Line of the descr	
Enter the minimum	distance from the	Completed Zone of this Well	I to the Completed Zone of an o	offset Well producing from
the same lease an	d permitted or con	npleted in the same formation	n: Feet	
Exception Location				
If this Well require Exception Location		·	ion, enter the Rule or spacing o	order number and attach the
SPACING & FORM	ATIONS COM	MENTS		

DRILLING PROGRAM
Proposed Total Measured Depth:18982
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet:1418 Feet
Will a closed-loop drilling system be used? Yes
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than
or equal to 100 ppm?No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No
Will salt sections be encountered during drilling? No
Will salt based (>15,000 ppm Cl) drilling fluids be used? No
Will oil based drilling fluids be used? Yes
BOP Equipment Type: X Annular Preventor X Double Ram X Rotating Head None
Beneficial reuse or land application plan submitted?
Reuse Facility ID: or Document Number:

#### CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	<u>Setting</u> <u>Depth</u>	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	16	NA	42	0	80	100	80	0
SURF	13+1/2	9+5/8	K-55	36	0	1500	415	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	18982	2460	18982	1000

Conductor Casing is NOT planned

#### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> <u>/Hazard</u>	<u>Top</u> <u>M.D.</u>	<u>Top</u> <u>T.V.D</u>	Bottom M.D.	Bottom T.V.D.	<u>TDS</u> (mg/L)	Data Source	Comment
Groundwater	Laramie-Fox Hills	0	0	139	139	1001-10000	Other	CSU - Domestic Water Analysis Report - Larry Moore Well - 176559
Groundwater	Upper Pierre	300	300	1314	1314	1001-10000	Other	Water Quality and the Presence and Origin of Methane in the Upper Pierre Aquifer in Northeastern Weld County, Morgan County and Logan County, Colorado COGCC Project Number 2141 October 2017
Confining Layer	Pierre Shale	1314	1314	4626	4100			
Hydrocarbon	Sussex	4626	4100	5263	4449			
Hydrocarbon	Shannon	5263	4449	5316	4478			
Confining Layer	Pierre Shale	5316	4478	8886	6715			
Hydrocarbon	Niobrara	8886	6715	9313	6986			
Confining Layer	Fort Hays	9313	6986	9402	7009			
Hydrocarbon	Codell	9402	7009	18982	7204			Btm MD=TD, Btm TVD=TVD @ BHL

#### **OPERATOR COMMENTS AND SUBMITTAL**

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 1X-HNB-10-07-67. Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured to the Arkansas 8-67-33-4N (Enerplus, PR, 05-123-449036). There are no other operator wells with treated interval less 175' from the treated interval of the proposed well. Distances measured in 2D map view.

This location has been built and contains 10 wells in PR status. The following changes from the previously approved Form 2 are being made via this refile:

- Offset Well Evaluation: new template attached
- Updated distance to nearest Building and Building Unit

No other changes to this Form 2 are proposed at this time. Attachments have not been provided except as identified above as no changes are proposed.

cation is in a Comprehensive Area Plan		CAP #:		_	
as Development Plan Name			OGDP ID#	#:	
D:478497					
certify all statements made in this form are, t	to the best of m	ny knowledge, true,	correct, ar	nd complete.	
		Print Name: ER	IN LIND		
SR REGULATORY ANALYST	Date:	11/11/2022	Email:	erin.lind@nickelroadoperat	ing.c
at or permit allowing for industrial use, other ator must also use the water in the location age in place of use is required under Color	erwise an app on set forth in rado law. Sect	lication for a chang the water right dec tion 37-92-103(5),	ge in type cree or wel C.R.S. (20	of use is required under Co Il permit, otherwise an appli 011).	olorado ication
pproved:	Dir	ector of COGCC	Date:	3/1/2023	
<b>API NUMBER</b> 23 51458 00		Expira	ation Date:	02/28/2026	
	as Development Plan Name  D: 478497  certify all statements made in this form are, to service and in this form are, to service at the service	as Development Plan Name  D:478497  certify all statements made in this form are, to the best of mage in the statements made in the statement made in the statem	D:	D:478497  certify all statements made in this form are, to the best of my knowledge, true, correct, an	D:478497

#### **Conditions Of Approval**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017).
Construction	If conductors are preset, operator shall comply with Rule 406.e.
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 48 hour spud notice for all subsequent wells drilled on the pad. 2) Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log. 3) Oil-based drilling fluid is to be used only after all aquifers are covered.
4 COAs	

# **Best Management Practices**

No BMP/COA Type	<u>Description</u>
1 Drilling/Completi Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.
2 Drilling/Completi Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.
3 Drilling/Completi Operations	Operator acknowledges and will comply with COGCC policy for Bradenhead Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area dated May 29, 2012.

Total: 3 comment(s)

#### **Attachment List**

Att Doc Num	<u>Name</u>
403225994	FORM 2 SUBMITTED
403226025	OffsetWellEvaluations Data
403333779	OFFSET WELL EVALUATION

Total Attach: 3 Files

Permit Final Review Completed. 02/27/202  OGLA This Location and its associated materials was fully reviewed in the review of this APD. See Sundry doc #403275510 in Location #478497 file for additional information. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.  OR HOLD: This application has been reviewed by COGCC staff and cannot be approved based on the information submitted; therefore, the COGCC is placing this form ON HOLD until additional information is received from the applicant.  In compliance with § 24-65.1-108(1), C.R.S., the COGCC is providing this written request for all additional information necessary for the COGCC to respond to this application. The applicant may provide all requested additional information to COGCC via email. Upon receipt of all requested information, the COGCC will have 60 days in which to approve, deny, or request all additional information necessary to complete the regulatory review. If the applicant no longer requires this application be approved, the applicant may request to withdraw the application.  In addition to all standard required information and attachments, the COGCC hereby confirms the following information is necessary for review:  1, Sundry for the Location with updated Noise, Light, and Dust BMPs to demonstrate compliance with the Rules that are protective of nearby residential building units. Please provide a plan for Sound Monitoring for the Location. Please provide clarification as to whether oil based or water based drilling muds will be utilized, if oil based what group will be utilized.  Permit Made the following changes with concurrence from the operator:  - Selected NO for sidetrack under Well Name & Contact Info tab.  - Revised Unit Configuration box to include Twp & Rng.  - Permit Additional information box to include Twp & Rng.  - Form 2A distances are greater than reported distances to Building & Building Unit.  - Advised operator to su		<b>General Comments</b>	
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Engineer Offset Wells re-Evaluated with this APD. 11/14/202	OGLA	of this APD. This APD complies with all COGCC Rules and is adequately protective of	12/13/2022
	Engineer	Offset Wells re-Evaluated with this APD.	11/14/2022

Total: 7 comment(s)

05/22

## **State of Colorado**

# Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

**APPLICATION FOR PERMIT TO** 





**Document Number:** 

403226440

Date Received:

11/11/2022

X   Drill   Deepen   Re-enter   Recomplete and Operate   Amend
TYPE OF WELL OIL X GAS COALBED OTHER: Refile X
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES Sidetrack
Well Name: BLEHM Well Number: 8X-HNA-10-07-67
Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operator Number: 10669
Address: 44 COOK ST STE 705
City: DENVER State: CO Zip: 80206
Contact Name: ERIN LIND Phone: (303)2267375 Fax: ( )
Email: erin.lind@nickelroadoperating.com
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION
COGCC Financial Assurance
X The Operator has provided or will provide Financial Assurance to the COGCC for this Well.
Surety ID Number (if applicable):20200034
Federal Financial Assurance
In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for this Well. (Per Rule702.a.)
Amount of Federal Financial Assurance \$
WELL LOCATION INFORMATION
Surface Location
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6
FNL/FSL FEL/FWL
Footage at Surface: 515 Feet FNL 661 Feet FEL
Latitude: 40.594544 Longitude: -104.891009  GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: PDQP Date of Measurement: 11/14/2020
Type of Gr3 Quality Value. 1901 Date of Moded of
Ground Elevation: 5088
Field Name: WATTENBERG Field Number: 90750
Well Plan: is Directional X Horizontal (highly deviated) Vertical
If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.
Subsurface Locations
Top of Productive Zone (TPZ)
Sec: 9 Twp: 7N Rng: 67W Footage at TPZ: 470 FSL 460 FWL
Measured Depth of TPZ: 10591 True Vertical Depth of TPZ: 6832

Base of Pro	oductive Zone (	BPZ)									
	Sec: 10	Twp:	7N	Rng:	67W	Footage	at BPZ:	470	FSL	460	FEL
	Measured Dep	oth of BPZ	Z: 2019	5		True Vertical De	pth of BPZ:	6920	FNL/FSL		FEL/FWL
Bottom Hole	e Location (BHI	L)									
	Sec: 10	Twp:	7N	Rng:	67W	Footage	at BHL:	470	FSL	460	FEL
		_					_		FNL/FSL		FEL/FWL
LOCAL G	OVERNMEN	NT PERI	MITTING	G INF	ORMAT	TON					
County: WE	LD				Municipa	ality: N/A					
Is the Surface	ce Location of t	his Well ir	n an area	– designa	ated as o	ne of State interest	and subject	to the req	— <sub>l</sub> uirements o	f§	
24-65.1-108	C.R.S.? No	)									
	-106(1)(f)(I)(A) ( I and Gas Loca		e followin	g quest	ions pert	ain to the Relevant I	₋ocal Gover	nment ap	proval of the	siting of t	he
						perators must includ local government d					
Does the Re	elevant Local Go	overnmen	t regulate	the siti	ng of Oil	and Gas Locations,	with respec	t to this L	ocation?	X Yes	No
X If yes, the siti	in checking this	s box, I he sed oil an	ereby cert ad gas loc	ify that ation.	an applic	ation has been filed	with the loc	al govern	ment with ju	risdiction t	o approve
The dispositi	ion of the applic	cation filed	d with the	Releva	nt Local	Government is: A	oproved	Date of	Final Dispo	sition:	10/15/2020
Comments:	1041WOGLA	20-0076									
SURFACE		RAL OV	WNERS	HIP A	T WELI	L'S OIL & GAS					
Surface Owr	ner of the land a	at this Wel	ll's Oil an	d Gas L	ocation:	X Fee	State	Federa	al Indi	an	
Mineral Own	er beneath this	Well's Oi	I and Gas	s Locati	on:	<b>X</b> Fee	State	Federa	al 🔲 Indi	an	
Surface Owr	ner Protection E	Bond (if ap	plicable):	:			Suret	ty ID Num	ber (if applic	cable):	
MINEF WELL	RALS DEVE	LOPED	BY								
	ership of all the Fee State Federal Indian N/A	e minerals	that will I	be deve	eloped by	this Well is (check a	all that apply	<b>'</b> ):			
LEASE IN	NFORMATIC	N									
* If this We * If this We	ell is within a un	it, describe to a unit,	e a lease describe	that wil	I be deve se that w	cribe one entire mine eloped by the Well. ill be produced by the ary.)		s follows:			
T7N-R67	W-SEC.10: S/2	2									
Total Acres	in Described L	.ease:	320	_ [	Described	Mineral Lease is:	X Fee	St	ate	deral	Indian
Federal or S	State Lease #										

SAFETY SETBACK INFORMATION				
Distance from Well to ne	arest:		INSTRUCTIONS:	
	Building:	1128 Feet	- Specify all distances	
Rui		1128 Feet		nce greater than 1 mile. uilding of any type. If nearest
	blic Road:	503 Feet	_	Unit, enter same distance for
			both.	efica dia 400 Caria Bula
Above Grou	-	472 Feet	- Building Unit – as de	efined in 100 Series Rules.
		5280 Feet		
Prop	perty Line:	494 Feet		
OBJECTIVE FORM	ATIONS			
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR	407-2905	640	T7N R67W: Sec.9 & 10: S/2
Federal or State Unit			U	nit Number:
SUBSURFACE MIN	ERAL	Enter 5280 for dista	nce greater than 1 mile.	
SETBACKS				
Enter the minimu	m distance from the	·	Vell to the Unit Boundary:  Vell to the Completed Zone of a	460 Feet n offset Well within the same
If NO:				
Enter the minimum	distance from the	Completed Zone of this Wel	I to the Lease Line of the descri	bed lease: Feet
Enter the minimum	distance from the	Completed Zone of this Wel	I to the Completed Zone of an o	offset Well producing from
the same lease and	d permitted or com	pleted in the same formation	n: Feet	
<b>Exception Location</b>				
-	the approval of a	Rule 401.c Exception Locat	ion, enter the Rule or spacing o	order number and attach the
Exception Location		•	, ,	
	1 1 2 1			
SPACING & FORMA	ATIONS COMM	MENTS		

DRILLING PROGRAM
Proposed Total Measured Depth: 20195 Feet TVD at Proposed Total Measured Depth 6920 Feet
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet:130 Feet
Will a closed-loop drilling system be used? Yes
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than
or equal to 100 ppm?No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?No
Will salt sections be encountered during drilling?No
Will salt based (>15,000 ppm Cl) drilling fluids be used?No
Will oil based drilling fluids be used? Yes
BOP Equipment Type: 🔀 Annular Preventor 😾 Double Ram 💢 Rotating Head 🔲 None
Beneficial reuse or land application plan submitted?
Reuse Facility ID: or Document Number:
CASING DDOGDAM

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	16	NA	42	0	80	100	80	0
SURF	13+1/2	9+5/8	K-55	36	0	1500	415	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	20195	2600	20195	1000

Conductor Casing is NOT planned

#### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> / <u>Hazard</u>	<u>Top</u> <u>M.D.</u>	<u>Top</u> T.V.D	Bottom M.D.	Bottom T.V.D		Data Source	Comment
Groundwater	Laramie-Fox Hills	0	0	139	139	1001-10000	Other	CSU - Domestic Water Analysis Report - Larry Moore Well - 176559
Groundwater	Upper Pierre	300	300	1314	1314	1001-10000	Other	Water Quality and the Presence and Origin of Methane in the Upper Pierre Aquifer in Northeastern Weld County, Morgan County and Logan County, Colorado COGCC Project Number 2141 October 2017
Confining Layer	Pierre Shale	1314	1314	4865	4204			
Hydrocarbon	Sussex	4865	4204	5643	4553			
Hydrocarbon	Shannon	5643	4553	5707	4582			
Confining Layer	Pierre Shale	5707	4582	10515	6819			
Hydrocarbon	Niobrara	10515	6819	20195	6920			Btm MD=TD, Btm TVD=TVD @ BHL

#### OPERATOR COMMENTS AND SUBMITTAL

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation measured at 237' to the existing Blehm 8X-HNB-10-07-67 (05-123-51466, PR). Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured at 130' to K&M Co. #1-10 (Boswell, DA, 05-123-14474). Other operator wells within 175' of the proposed wellbore: K&M Co. #1 (Vessels, PA, 05-123-10841) at 140'. Distance measured in 2D map view.

This location has been built and contains 10 wells in PR status. The following changes from the previously approved Form 2 & Form 4 are being made via this refile:

- Offset Well Evaluation: new template attached
- Updated distance to nearest Building and Building Unit

No other changes to this Form 2 are proposed at this time. Attachments have not been provided except as identified above as no changes are proposed.

This appl	lication is in a (	Comprehensiv	e Area Plan		CAP #:				
Oil and G	Sas Developme	ent Plan Name	•			OGDI	P ID#	<del>-</del> #:	
Location	ID: 47849	7							
I hereby	certify all state	ements made i	n this form are, to t	he best of m	ny knowledge, t	true, corre	ct, ar	nd complete.	
Signed:					Print Name:	ERIN LIN	ND.		
Title:	SR REGUL	ATORY ANAL	YST	Date:	11/11/2022	Ema	ail:	erin.lind@nickelroa	adoperating.c
law. Ope	rator must als	o use the wat		set forth in t	he water right	decree o	r wel	of use is required u Il permit, otherwise 011).	
	the information 1 and is hereby		ein, this Application	n for Permit-	to-Drill complie	s with CO	GCC	Rules, applicable o	rders, and
COGCC A	Approved:	Murpu	7	Dir	ector of COG	CC D	ate:	3/1/2023	
	API NUI	MBER			E	xpiration D	Date:	02/28/2026	-
05 1	123 51477	00							

# **Conditions Of Approval**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017).
Construction	If conductors are preset, operator shall comply with Rule 406.e.
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
3 COAs	

	Best Management Practices								
No B	BMP/COA Type	<u>Description</u>							
II I	Orilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.							
	Orilling/Completion Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.							
II I	Orilling/Completion Operations	Operator acknowledges and will comply with COGCC policy for Bradenhead Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area dated May 29, 2012.							

Total: 3 comment(s)

# **Attachment List**

Att Doc Num	<u>Name</u>
403226440	FORM 2 SUBMITTED
403226445	OffsetWellEvaluations Data
403333785	OFFSET WELL EVALUATION

Total Attach: 3 Files

Date Run: 3/1/2023 Doc [#403226440] Well Name: BLEHM 8X-HNA-10-07-67

General Comments							
<u>User Group</u>	Comment	<b>Comment Date</b>					
Permit	Final Review Completed.	02/27/2023					
OGLA	This Location and its associated materials was fully reviewed in the review of this APD. See Sundry doc #403275510 in Location #478497 file for additional information. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	02/23/2023					
OGLA	ON HOLD: This application has been reviewed by COGCC staff and cannot be approved based on the information submitted; therefore, the COGCC is placing this form ON HOLD until additional information is received from the applicant.  In compliance with § 24-65.1-108(1), C.R.S., the COGCC is providing this written request for all additional information necessary for the COGCC to respond to this application. The applicant may provide all requested additional information to COGCC via email. Upon receipt of all requested information, the COGCC will have 60 days in which to approve, deny, or request all additional information necessary to complete the regulatory review. If the applicant no longer requires this application be approved, the applicant may request to withdraw the application.  In addition to all standard required information and attachments, the COGCC hereby confirms the following information is necessary for review:	01/05/2023					
	1.) Sundry for the Location with updated Noise, Light, and Dust BMPs to demonstrate compliance with the Rules that are protective of nearby residential building units. Please provide a plan for Sound Monitoring for the Location. Please provide clarification as to whether oil based or water based drilling muds will be utilized, if oil based what group will be utilized.						
Permit	Made the following changes with concurrence from the operator: - Selected NO for sidetrack under Well Name & Contact Info tab Revised Unit Configuration box to include Twp & Rng.  Permit Review Complete	12/21/2022					
Permit	Emailed Operator for the following:  - Confirm Sidetrack is NO  - Confirm revising Unit Configuration box to include Twp & Rng.  - Form 2A distances are greater than reported distances to Building & Building Unit.  Advised operator to submit sundry to have Form 2A updated. Notified OGLA.	12/19/2022					
OGLA	The Location and its associated Form 2A materials was fully reviewed during the review of this APD. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	12/13/2022					
Engineer	Offset Wells re-Evaluated with this APD.	11/14/2022					

Total: 7 comment(s)

05/22

# State of Colorado

# Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

**APPLICATION FOR PERMIT TO** 





**Document Number:** 

403225560

Date Received:

11/11/2022

X Drill Deepen Re-enter Recomplete and Operate Amend	
TYPE OF WELL OIL X GAS COALBED OTHER:	X
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES Sidetrack	
Well Name: BLEHM Well Number: 1X-HC-10-07-67	
Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operator Number:	10669
Address: 44 COOK ST STE 705	
City: DENVER State: CO Zip: 80206	
Contact Name:         ERIN LIND         Phone:         (303)2267375         Fax:         ( )	
Email: erin.lind@nickelroadoperating.com	
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION	
COGCC Financial Assurance	
X The Operator has provided or will provide Financial Assurance to the COGCC for this Well.	
Surety ID Number (if applicable): 20200034	
Federal Financial Assurance	
In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance federal government for this Well. (Per Rule702.a.)	e to the
Amount of Federal Financial Assurance \$	
WELL LOCATION INFORMATION	
Surface Location	
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6	
FNL/FSL FEL/FWL	
Footage at Surface: 347 Feet FNL 702 Feet FEL	
Latitude: 40.595004 Longitude: -104.891154  GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement:	06/23/2020
Ground Elevation: 5100	
Field Name: WATTENBERG Field Number: 90750	
Well Plan: is Directional X Horizontal (highly deviated) Vertical  If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.	
Subsurface Locations	
Top of Productive Zone (TPZ)	
Sec: 9 Twp: 7N Rng: 67W Footage at TPZ: 474 FNL 460	FWL
Measured Depth of TPZ: 9473 True Vertical Depth of TPZ: 7011	FEL/FWL

Base of Productive Z	one (BPZ)									
Sec:	0 Twp:	7N	Rng:	67W	Footage	at BPZ:	474	FNL	460	FEL
Measure	d Depth of BP	Z: 1895	7		True Vertical Dep	oth of BPZ	Z: 7205	FNL/FSL		FEL/FWL
Bottom Hole Location	(BHL)									
Sec:	10 Twp:	7N	Rng:	67W	Footage	at BHL:	474	FNL	460	FEL
_								FNL/FSL		FEL/FWL
LOCAL GOVERN	MENT PER	MITTIN	G INF	ORMAT	ΓΙΟΝ					
County: WELD				Municip	ality: N/A					
Is the Surface Location	n of this Well i	in an area	_ designa	ated as o	one of State interest a	ınd subjed	ct to the req	— <sub>l</sub> uirements c	of §	
24-65.1-108 C.R.S.?	No									
Per § 34-60-106(1)(f)( proposed Oil and Gas	, , ,	ne followir	ng quest	tions pert	ain to the Relevant L	ocal Gove	ernment ap	proval of the	e siting of t	he
SB 19-181 provides the permit and the disposition (A) C.R.S.										
Does the Relevant Loc	al Governmer	nt regulate	e the siti	ing of Oil	and Gas Locations,	with respe	ect to this L	ocation?	X Yes	No
If yes, in checking the siting of the	g this box, I he proposed oil ar	ereby ceri nd gas loc	tify that cation.	an applic	cation has been filed	with the lo	ocal govern	ment with ju	risdiction t	o approve
The disposition of the	application file	d with the	Releva	int Local	Government is: Ap	proved	Date of	Final Dispo	sition:	10/15/2020
Comments: 1041W0	OGLA20-0076									
SURFACE AND N LOCATION	IINERAL O	WNERS	SHIP A	T WEL	L'S OIL & GAS					
Surface Owner of the	and at this We	ell's Oil an	ıd Gas L	ocation:	X Fee	State	Federa	al Ind	ian	
Mineral Owner beneat	n this Well's O	il and Ga	s Locati	on:	X Fee	State	Federa	al Ind	ian	
Surface Owner Protect	ion Bond (if a	pplicable)	:			Sur —	ety ID Num	ber (if appli	cable):	
MINERALS DE WELL	:VELOPED	BY								
The ownership of a  X Fee  State  Federal  Indian  N/A	ıll the minerals	s that will	be deve	eloped by	this Well is (check a	ll that app	oly):			
LEASE INFORMA	ATION									
Using standard QtrQt * If this Well is within * If this Well is not su (Attach a Lease Map	a unit, describ bject to a unit,	oe a lease , describe	that wi	II be deve se that w	eloped by the Well. vill be produced by the		as follows:			
	or Lease Desc	cription or	Lease		, ,					
PLEASE SEE LEA		•	Lease							
PLEASE SEE LEA	SE MAP ON F	•			d Mineral Lease is:	X Fee	St	ate Fe	ederal [	Indian

SAFETY SETBACK INFORMATION	,			
Distance from Well to ne	earest:		INSTRUCTIONS:	
	Building:	1002 Feet	- Specify all distance	
Bu	ilding Unit:	1002 Feet		ance greater than 1 mile. building of any type. If nearest
	ıblic Road:	335 Feet	Building is a Building	g Unit, enter same distance for
Above Ground Utility:		305 Feet	both.	lefined in 100 Series Rules.
· —			- Building Offit – as d	lefified iii 100 Series Rules.
Pro	Railroad: perty Line:	5280 Feet 328 Feet		
OBJECTIVE FORM	MATIONS	<del></del>		
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
CODELL	CODL	407-3028	640	T7N R67W: Sec.9 & 10: N/2
Federal or State Un	it Name (if appl):		ι	Jnit Number:
SUBSURFACE MIN SETBACKS	IERAL	Enter 5280 for dista	nce greater than 1 mile.	
Enter the minim		•	Vell to the Unit Boundary:  Vell to the Completed Zone of a	460 Feet an offset Well within the same
	distance from the	Completed Zone of this Wel	I to the Lease Line of the decay	sibad lagger
		•	I to the Lease Line of the descr	
		recompleted Zone of this wei	I to the Completed Zone of an one of	onset vveil producing from
Exception Location	- F		1 661	
-		•	tion, enter the Rule or spacing	order number and attach the
SPACING & FORM	ATIONS COMI	MENTS		

DRILLING PROGRAM
Proposed Total Measured Depth:18957
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet:952 Feet
Will a closed-loop drilling system be used? Yes
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than
or equal to 100 ppm?No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No
Will salt sections be encountered during drilling? No
Will salt based (>15,000 ppm Cl) drilling fluids be used? No
Will oil based drilling fluids be used? Yes
BOP Equipment Type: X Annular Preventor X Double Ram X Rotating Head None
Beneficial reuse or land application plan submitted? No
Reuse Facility ID: or Document Number:

#### CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	<u>Setting</u> <u>Depth</u>	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	16	N/A	42	0	80	100	80	0
SURF	13+1/2	9+5/8	K-55	36	0	1500	415	1500	0
1ST	8+1/2	5+1/2	HCP-11	20	0	18957	2450	18957	1000

Conductor Casing is NOT planned

#### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> <u>/Hazard</u>	<u>Тор</u> <u>М.D.</u>	<u>Top</u> <u>T.V.D</u>	Bottom M.D.	Bottom T.V.D.	<u>TDS</u> (mg/L)	Data Source	Comment
Groundwater	Laramie-Fox Hills	0	0	139	139	1001-10000	Other	CSU - Domestic Water Analysis Report - Larry Moore Well - 176559
Groundwater	Upper Pierre	300	300	1314	1314	1001-10000	Other	Water Quality and the Presence and Origin of Methane in the Upper Pierre Aquifer in Northeastern Weld County, Morgan County and Logan County, Colorado COGCC Project Number 2141 October 2017
Confining Layer	Pierre Shale	1314	1314	4614	4092			
Hydrocarbon	Sussex	4614	4092	5250	4441			
Hydrocarbon	Shannon	5250	4441	5303	4470			
Confining Layer	Pierre Shale	5303	4470	8866	6707			
Hydrocarbon	Niobrara	8866	6707	9293	6978			
Confining Layer	Fort Hays	9293	6978	9376	7001			
Hydrocarbon	Codell	9376	7001	18957	7205			Btm MD=TD, Btm TVD=TVD @ BHL

#### **OPERATOR COMMENTS AND SUBMITTAL**

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 1X-HNC-10-07-67. Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured to the Arkansas 8-67-33-4N (Enerplus, PR, 05-123-449036). There are no other operator wells with treated interval less 175' from the treated interval of the proposed well. Distances measured in 2D map view.

This location has been built and contains 10 wells in PR status. The following changes from the previously approved Form 2 are being made via this refile:

- Offset Well Evaluation: new template attached
- Updated distance to nearest Building and Building Unit

No other changes to this Form 2 are proposed at this time. Attachments have not been provided except as identified above as no changes are proposed.

This applic	cation is in a Comprehensive Area Plan		CAP #:			
Oil and Ga	as Development Plan Name			OGDP ID#	<b>#</b> :	
Location II	D:478497					
I hereby o	ertify all statements made in this form are, to	o the best of m	ny knowledge, true,	correct, ar	nd complete.	
Signed:			Print Name: ER	IN LIND		
Title:	SR REGULATORY ANALYST	Date: _	11/11/2022	Email:	erin.lind@nickelroadoperating.c	
water righ law. Opera for a chan Based on the	must have a valid water right or permit allot or permit allowing for industrial use, othe ator must also use the water in the locatio ge in place of use is required under Color ne information provided herein, this Applicat and is hereby approved.	erwise an appl on set forth in t rado law. Sect	lication for a chang the water right dec ion 37-92-103(5),	ge in type cree or we C.R.S. (20	of use is required under Colorado Il permit, otherwise an application 011).	
COGCC Ap	pproved:	Dir	ector of COGCC	Date:	3/1/2023	
05 12	<b>API NUMBER</b> 23 51481 00		Expira	tion Date:	02/28/2026	

#### **Conditions Of Approval**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017).
Construction	If conductors are preset, operator shall comply with Rule 406.e.
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 48 hour spud notice for all subsequent wells drilled on the pad. 2) Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log. 3) Oil-based drilling fluid is to be used only after all aquifers are covered.
4 COAs	

# **Best Management Practices**

No.	BMP/COA Type	<u>Description</u>
1	Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.
2	Prilling/Completion Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.
3	Drilling/Completion Operations	Operator acknowledges and will comply with COGCC policy for Bradenhead Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area dated May 29, 2012.

Total: 3 comment(s)

#### **Attachment List**

Att Doc Num	<u>Name</u>
403225560	FORM 2 SUBMITTED
403225655	OffsetWellEvaluations Data
403333775	OFFSET WELL EVALUATION

Total Attach: 3 Files

	General Comments							
<u>User Group</u>	Comment	<b>Comment Date</b>						
Permit	Final Review Completed.	02/27/2023						
OGLA	This Location and its associated materials was fully reviewed in the review of this APD. See Sundry doc #403275510 in Location #478497 file for additional information. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	02/23/2023						
OGLA	ON HOLD: This application has been reviewed by COGCC staff and cannot be approved based on the information submitted; therefore, the COGCC is placing this form ON HOLD until additional information is received from the applicant.  In compliance with § 24-65.1-108(1), C.R.S., the COGCC is providing this written request for all additional information necessary for the COGCC to respond to this application. The applicant may provide all requested additional information to COGCC via email. Upon receipt of all requested information, the COGCC will have 60 days in which to approve, deny, or request all additional information necessary to complete the regulatory review. If the applicant no longer requires this application be approved, the applicant may request to withdraw the application.  In addition to all standard required information and attachments, the COGCC hereby confirms the following information is necessary for review:  1.) Sundry for the Location with updated Noise, Light, and Dust BMPs to demonstrate compliance with the Rules that are protective of nearby residential building units. Please provide a plan for Sound Monitoring for the Location. Please provide clarification as to whether oil based or water based drilling muds will be utilized, if oil based what group will	01/05/2023						
Permit	be utilized.  Made the following changes with concurrence from the operator: - Selected NO for sidetrack under Well Name & Contact info tab Revised Unit Configuration to include Twp & Rng.	12/21/2022						
	Permit Review Complete							
Permit	Emailed Operator for the following: - Confirm Sidetrack is NO - Confirm revising Unit Configuration box to include Twp & Rng Form 2A distances are greater than reported distances to Building & Building Unit. Advised operator to submit sundry to have Form 2A updated. Notified OGLA.	12/20/2022						
OGLA	The Location and its associated Form 2A materials was fully reviewed during the review of this APD. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	12/13/2022						
Engineer	Offset Wells re-Evaluated with this APD.	11/14/2022						

Total: 7 comment(s)

05/22

# State of Colorado Energy & Carbon Management Commission



Document Number:

403649422

Date Received:

02/22/2024

#### **APPLICATION FOR PERMIT TO**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

X   Drill   Deepen   Re-enter   Recomplete and Operate     Amend
TYPE OF WELL OIL X GAS COALBED OTHER:
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES Sidetrack
Well Name: BLEHM Well Number: 11W7NBM
Name of Operator: NICKEL ROAD OPERATING LLC ECMC Operator Number: 10669
Address: 3773 CHERRY CRK NORTH DR #670
City: DENVER State: CO Zip: 80209
Contact Name: ERIN LIND Phone: (303)226-7375 Fax: ( )
Email: erin.lind@nickelroadoperating.com
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION
ECMC Financial Assurance
X The Operator has provided or will provide Financial Assurance to the ECMC for this Well.
Surety ID Number (if applicable):20230163
Federal Financial Assurance
In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for this Well. (Per Rule702.a.)
Amount of Federal Financial Assurance \$
WELL LOCATION INFORMATION
Surface Location
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6
FNL/FSL FEL/FWL
Footage at Surface:500 FeetFNL660FeetFEL
Latitude: 40.594584 Longitude: -104.891007  GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 11/14/2020
Type of Gr3 Quality value
Ground Elevation: 5088
Field Name: WATTENBERG Field Number: 90750
Well Plan: is Directional X Horizontal (highly deviated) Vertical
If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.
Subsurface Locations
Top of Productive Zone (TPZ)
Sec: 8 Twp: 7N Rng: 67W Footage at TPZ: 1700 FSL 460 FEL  Macroward Booth of TPZ: 0480 FEL/FWL
Measured Depth of TPZ: 9480 True Vertical Depth of TPZ: 6918

	oductive Zon	e (BPZ)								
	Sec: 7	Twp:	7N	Rng:	67W	Footage at BPZ:	1700	FSL	460	FWL
	Measured [	 Depth of BP2	Z: 1869	6_		True Vertical Depth of BPZ:	6634	FNL/FSL		FEL/FWL
Bottom Ho	le Location (E	3HL)								
	Sec: 7	Twp:	7N	Rng:	67W	Footage at BHL:	1700	FSL	150	FWL
						_		FNL/FSL		FEL/FWL
LOCAL C	OVERNM	ENT PER	MITTIN	G INF	ORMATI	ON				
County: WI	ELD				Municipa	lity: N/A				
Is the Surfa	ace Location o	of this Well in	n an area	_ designa	ated as on	e of State interest and subject	to the req	uirements o	of §	
24-65.1-10	8 C.R.S.?	Yes								
	)-106(1)(f)(I)( <i>I</i> )il and Gas Lo		e followin	g quest	ions perta	in to the Relevant Local Gover	nment ap	proval of the	e siting of t	he
						erators must include proof that ocal government does not have				
Does the Re	elevant Local	Governmen	nt regulate	the siti	ng of Oil a	and Gas Locations, with respec	t to this L	ocation?	X Yes	No
X If yes,	, in checking ting of the pro	this box, I he oposed oil ar	ereby cert	ify that ation.	an applica	tion has been filed with the loca	al govern	ment with ju	risdiction t	o approve
The disposi	tion of the ap	plication filed	d with the	Releva	int Local G	Sovernment is: Approved	Date of	Final Dispo	sition:	09/03/2020
Comments:	1041WOG	SLA20-0076								
SURFAC		VERAL O	WNERS	HIP A	T WELL	'S OIL & GAS				
Surface Ow	ner of the lan	nd at this We	ell's Oil an	d Gas L	ocation:	X Fee State	Federa	ıl [] Indi	ian	
Mineral Ow	ner beneath t	his Well's O	il and Gas	s Locati	on:	X Fee State	Federa	ıl [] Indi	ian	
Surface Ow	ner Protection	n Bond (if ap	oplicable):			Suret	y ID Num	ber (if applic	cable):	
MINERALS DEVELOPED BY WELL										
		'ELOPED	BY							
WELL The own	-			be deve	eloped by t	this Well is (check all that apply	):			
WELL The own	nership of all  X Fee  State Federal Indian	the minerals		be deve	eloped by t	this Well is (check all that apply	):			
WELL The own  LEASE II Using stan * If this We * If this We	nership of all X Fee State Federal Indian N/A NFORMAT	the minerals  TION  Section, Tow unit, describect to a unit,	wnship, Rape a lease	ange for that wil the leas	rmat desci Il be devel se that wil	ribe one entire mineral lease as oped by the Well. I be produced by the Well.				
The own  LEASE II  Using stan * If this Wo (Attach a L	nership of all X Fee State Federal Indian N/A NFORMAT dard QtrQtr, sell is within a ell is not subje	TION Section, Tow unit, describect to a unit, Lease Description	wnship, Rape a lease	ange for that wil the leas	rmat desci Il be devel se that wil	ribe one entire mineral lease as oped by the Well. I be produced by the Well.				
The own  LEASE II  Using stan * If this Wo (Attach a L	nership of all  X Fee  State Federal Indian N/A  NFORMAT Idard QtrQtr, 3 ell is within a ell is not subjected and portage.	TION Section, Tow unit, describ ect to a unit, Lease Desc	wnship, Rape a lease	ange fo that wi the leas Lease	rmat desc Il be devel se that wil if necessa	ribe one entire mineral lease as oped by the Well. I be produced by the Well.	s follows:	ate Fe	ederal [	Indian

SAFETY SETBACK INFORMATION				
Distance from Well to ne	arest:		INSTRUCTIONS:	
	Building:	1154 Feet	- Specify all distances	s per Rule 308.b.(1). ance greater than 1 mile.
Bui	Iding Unit:	 1156 Feet		uilding of any type. If nearest
Pul	blic Road:	488 Feet	Building is a Building	Unit, enter same distance for
Above Ground Utility:		457 Feet	both. - Building Unit – as d	efined in 100 Series Rules.
Railroad:		5280 Feet		
Property Line:		479 Feet		
OBJECTIVE FORM	ATIONS			
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR	407-2769	1280	T7N R67W SEC.7&8:ALL
Federal or State Unit	Name (if appl):		11	Init Number:
		<b>- </b>		mit Number.
SUBSURFACE MIN SETBACKS	ERAL	Enter 5280 for dista	nce greater than 1 mile.	
OL I BACORO				
Is this Well within a uni	t? Yes			
If YES:				
	m distance from th	ne Completed Zone of this W	Vell to the Unit Boundary:	460 Feet
		•	Vell to the Completed Zone of a	
	completed in the s		·	an oneet from Mainin and Game
•	completed in the 3	ame formation: 150	Feet	
If NO:				
		•	I to the Lease Line of the descr	
		•	I to the Completed Zone of an o	offset Well producing from
the same lease and	d permitted or com	pleted in the same formation	n: Feet	
<b>Exception Location</b>				
If this Well requires	the approval of a	Rule 401.c Exception Locat	ion, enter the Rule or spacing o	order number and attach the
Exception Location	Request and Wai	vers.		
·	•			
SPACING & FORMA	ATIONS COMM	IENTS		

DRILLING PROGRAM
Proposed Total Measured Depth: 19007 Feet TVD at Proposed Total Measured Depth 6624 Feet
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet: Feet No well belonging to another operator within 1,500 feet
Will a closed-loop drilling system be used? Yes
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than
or equal to 100 ppm? No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No
Will salt sections be encountered during drilling?No
Will salt based (>15,000 ppm Cl) drilling fluids be used? No
Will oil based drilling fluids be used? Yes
BOP Equipment Type: 🗵 Annular Preventor 🗵 Double Ram 🗔 Rotating Head
Beneficial reuse or land application plan submitted? No
Reuse Facility ID: or Document Number:

#### **CASING PROGRAM**

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	26	16	A52A	36.94	0	40	170	40	0
SURF	13+1/2	9+5/8	J55	36	0	1500	662	1500	0
1ST	8+1/2	5+1/2	EPP110	20	0	19007	2984	19007	1000

Conductor Casing is NOT planned

#### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> /Hazard	<u>Top</u> <u>M.D.</u>	<u>Top</u> T.V.D.	Bottom M.D.	Bottom T.V.D.		Data Source	Comment
Groundwater	FOX HILLS SANDSTONE	0	0	579	579	1001-10000	DWR	
Confining Layer	PIERRE SHALE	579	579	671	671			
Groundwater	UPIR/PAWNEE AQUIFER	671	671	1160	1160	1001-10000	Other	COGCC UPWQ STUDY
Confining Layer	PIERRE SHALE	1160	1160	3401	3401			
Hydrocarbon	PARKMAN	3401	3401	3707	3707			
Confining Layer	PIERRE SHALE	3707	3707	3991	3991			
Hydrocarbon	SUSSEX	3991	3991	4266	4266			
Confining Layer	PIERRE SHALE	4266	4266	4526	4526			
Hydrocarbon	SHANNON	4526	4526	4758	4758			
Confining Layer	PIERRE SHALE	4758	4758	8963	6745			
Subsurface Hazard	SHARON SPRINGS SHALE	8963	6745	9038	6790			LEAST COMPETENT SHALES
Hydrocarbon	NIOBRARA	9038	6790	19002	6918			NIOBRARA TARGET

#### **OPERATOR COMMENTS AND SUBMITTAL**

The following changes from the previously approved Form 2 are being made:

- Well name and number
- TPZ, BPZ & BHL footages
- · Nearest well in DSU and offset well distances
- · Casing / Cementing program
- PFZ Table data
- Revised Well Location Plat, Deviated Drilling Plan, Directional Data Template and Offset Well Evaluation are attached

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the existing Blehm West 6X-HC-07-07-67 (123-51531). Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured to the BLACK WILLOW 1 (AMERICAN PETROFINA / 05-123-09381 / PA). There are no other operator wells with a treated interval less 175' from the treated interval of the proposed well. Distance measured in 3D anti-collision.

This well has a bottom hole location beyond the unit boundary setback. The bottom of the completed interval will be within the unit boundary setback at 1700' FSL and 460' FWL of Section 7. The wellbore beyond the unit boundary setback will be physically isolated and will not be completed.

This location has been built and contains 10 wells in PR status.

This application is in a Comprel	CAP #:		_		
Oil and Gas Development Plan	Name		OGDP ID#	#:	
_ocation ID:478497					
I hereby certify all statements n	nade in this form are, t	to the best of m	ny knowledge, t	true, correct, ar	nd complete.
Signed:			Print Name:	ERIN LIND	_
T::: DEC 0 END/144414	SER	Date:	2/22/2024	Email:	erin.lind@nickelroadoperatir
vater right or permit allowing f	or industrial use, othe	erwise an appl	lication for a cl	hange in type	of use is required under Colo
Operator must have a valid wavater right or permit allowing faw. Operator must also use the or a change in place of use is	or industrial use, other e water in the location required under Color ed herein, this Applicat	erwise an appl on set forth in t rado law. Sect	lication for a cl the water right ion 37-92-103	hange in type decree or we (5), C.R.S. (20	of use is required under Colo Il permit, otherwise an applic 011).
Operator must have a valid wa vater right or permit allowing f aw. Operator must also use th or a change in place of use is ased on the information provide B 19-181 and is hereby approv	or industrial use, other e water in the location required under Color ed herein, this Applicat	erwise an appl on set forth in t rado law. Sect tion for Permit-	lication for a cl the water right ion 37-92-103	hange in type decree or we (5), C.R.S. (20 es with ECMC F	of use is required under Colo Il permit, otherwise an applic 011).
Operator must have a valid wavater right or permit allowing faw. Operator must also use the or a change in place of use is ased on the information provide B 19-181 and is hereby approv	or industrial use, other e water in the location required under Color ed herein, this Applicated.	erwise an appl on set forth in t rado law. Sect tion for Permit-	lication for a cl the water right tion 37-92-103 to-Drill complie	hange in type decree or we (5), C.R.S. (20 es with ECMC F	of use is required under Colo Il permit, otherwise an applic 011).  Rules, applicable orders, and  4/21/2024

#### **CONDITIONS OF APPROVAL, IF ANY LIST**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Construction	If conductors are preset, operator shall comply with Notice to Operators: Procedures for Preset Conductors (dated September 1, 2016).
Drilling/Completion Operations	Operator will log three (3) additional wells during the second rig occupation with openhole resistivity log with gamma-ray log from the kick-off point into the surface casing for the stratigraphically deepest wells on each side of the pad for a total of four wells logged.
Drilling/Completion Operations	Operator will ensure the wellbore beyond the unit boundary setback is physically isolated and is not completed. In the Operator Comments on the Form 5A the operator will (1) report the footages from the section lines of the bottom of the completed interval (2) describe how the wellbore beyond the unit boundary setback is physically isolated and (3) certify that none of the wellbore beyond the setback was completed.
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017)
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed must contact completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	1) Submit Form 42 electronically to COGCC 2 business days prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 2 business days spud notice for all subsequent wells drilled on the pad. 2) Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log. 3) Oil-based drilling fluid is to be used only after all aquifers are covered.
6 COAs	

# **Best Management Practices**

No BMP/COA Type	<u>Description</u>
1 Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.`
2 Drilling/Completion Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.`

3	Drilling/Completion	Operator acknowledges and will comply with COGCC policy for Bradenhead
	Operations	Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area
		dated May 29, 2012.`

Total: 3 comment(s)

#### **ATTACHMENT LIST**

Att Doc Num	<u>Name</u>
2168585	DEVIATED DRILLING PLAN
2168597	WELL LOCATION PLAT
403649422	FORM 2 SUBMITTED
403691780	OffsetWellEvaluations Data
403725651	DIRECTIONAL DATA
403762702	OFFSET WELL EVALUATION

Total Attach: 6 Files

# **General Comments**

User Group	Comment	Comment Date
Permit	Final Review Completed.	04/10/2024
Permit	Uploaded updated well location plat from the operator	04/08/2024
OGLA	CPW Consultation occurred on 3/14/2024. This Location and its associated Form 2A materials was fully evaluated during the review of this APD in accordance with the current Rules. This APD complies with all Colorado ECMC Rules and Staff does not anticipate any significant potential direct adverse impacts to public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	03/20/2024
Permit	-Uploaded a new directional drilling plan PDF and data template from the operator -Received consent from the operator for the following changes: 1.Adding the refile COA 2.Adding the drilling beyond the setback COA and comment 3.Adding a comment about the APD being an amended permit 4.Listing the nearest well in the same formation and updated the distance 5.Adding additional open hole logging COA -Passed Permit Review	03/20/2024
Permit	Requesting the following from the operator:  1.Refile COA for built locations  2.Drilling beyond the setback COA and comment  3.APD refile comment  4.Listing the nearest well in the same formation/ unit  5. Confirming the distance to the nearest well in the same formation/ unit	03/11/2024
Engineer	Offset Wells Evaluated.	03/08/2024

Total: 6 comment(s)

05/22

# State of Colorado Energy & Carbon Management Commission



**Document Number:** 

403647414

Date Received:

02/22/2024

# **APPLICATION FOR PERMIT TO**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

X   Drill   Deepen   Re-enter   Recomplete and Operate   Amend
TYPE OF WELL OIL X GAS COALBED OTHER:
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES Sidetrack
Well Name: BLEHM Well Number: 1W7NBM
Name of Operator: NICKEL ROAD OPERATING LLC ECMC Operator Number: 10669
Address: 3773 CHERRY CRK NORTH DR #670
City: DENVER State: CO Zip: 80209
Contact Name: <u>ERIN LIND</u> Phone: <u>(303)226-7375</u> Fax: <u>(</u> )
Email: erin.lind@nickelroadoperating.com
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION
ECMC Financial Assurance
X The Operator has provided or will provide Financial Assurance to the ECMC for this Well.
Surety ID Number (if applicable):20230163
Federal Financial Assurance
In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for this Well. (Per Rule702.a.)
Amount of Federal Financial Assurance \$
WELL LOCATION INFORMATION
Surface Location
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6
FNL/FSL FEL/FWL
Footage at Surface: 350 Feet FNL 652 Feet FEL
Latitude: 40.594996 Longitude: -104.890977  GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 11/14/2020
GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 11/14/2020  Ground Elevation: 5088
Field Name: WATTENBERG Field Number: 90750
Well Plan: is Directional X Horizontal (highly deviated) Vertical
If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.
Subsurface Locations
Top of Productive Zone (TPZ)
Sec:         8         Twp:         7N         Rng:         67W         Footage at TPZ:         460         FNL         460         FEL
Measured Depth of TPZ: 8824 True Vertical Depth of TPZ: 6918 FRL/FSL FEL/FWL

Base of Pro	oductive	Zone (E	BPZ)									
	Sec:	7	Twp:	7N	Rng:	67W	Foota	ge at BPZ:	460	FNL	460	_ FWL_
	Measu	red Dep	th of BPZ	Z: 1806	9		True Vertical D	Depth of BPZ:	6918	FNL/FSL		FEL/FWL
Bottom Hol	e Locati	on (BHL	.)									
	Sec:	7	Twp:	7N	Rng:	67W	Foota	ge at BHL:	460	FNL	150	FWL
										FNL/FSL		FEL/FWL
LOCAL G	OVER	NMEN	IT PERI	MITTIN	G INF	ORMAT	ION					
County: WE	ELD					Municipa	ality: N/A					
Is the Surfa	ce Loca	tion of th	nis Well ir	n an area	_ designa	ated as or	ne of State interes	st and subject	to the req	uirements c	of §	
24-65.1-108	3 C.R.S.	? Yes	S									
Per § 34-60- proposed O				e followir	ng quest	ions perta	ain to the Relevan	t Local Gover	nment ap	proval of the	e siting of t	he
							perators must included in the local government					
Does the Re	elevant L	ocal Go	vernmen	t regulate	e the siti	ng of Oil a	and Gas Location	s, with respec	t to this L	ocation?	X Yes	☐ No
X If yes, the sit	in checl	king this e propos	box, I he sed oil ar	ereby cer ad gas loc	tify that a	an applica	ation has been file	ed with the loc	al govern	ment with ju	risdiction t	o approve
The disposit	ion of th	e applic	ation filed	d with the	Releva	nt Local (	Government is:	Approved	Date of	Final Dispo	sition:	09/03/2020
Comments:	1041	VOGLA	20-0076									
SURFAC LOCATIO		MINE	RAL O\	VNERS	SHIP A	T WELL	.'S OIL & GAS					
Surface Ow	ner of th	e land a	t this We	ll's Oil an	id Gas L	ocation:	<b>X</b> Fee	State	Federa	al Ind	ian	
Mineral Owr	ner bene	ath this	Well's Oi	l and Ga	s Location	on:	X Fee	State	Federa	al 🔲 Ind	ian	
Surface Ow	ner Prote	ection B	ond (if ap	plicable)	:			Suret	ty ID Num	ber (if appli	cable):	
MINE! WELL		DEVEL	OPED.	BY								
	nership of Fee State Feder Indian	al	minerals	that will	be deve	eloped by	this Well is (chec	k all that apply	<b>'</b> ):			
LEASE II	VFORM	OITAN	N									
* If this We	ell is with ell is not	in a unit subject	t, describ to a unit,	e a lease describe	that will the leas	I be deve se that wil	ribe one entire m loped by the Well Il be produced by ary.)	-	s follows:			
SEE LEA	ASE MAI	ON FI	LE									
Total Acres	s in Desc	ribed Le	ease:	142	_ [	Described	Mineral Lease is:	<b>X</b> Fee	St	ate Fe	ederal	Indian
Federal or	State Le	ase#										

SAFETY SETBACK INFORMATION				
Distance from Well to ne	arest:		INSTRUCTIONS:	
	Building:	1060 Feet	- Specify all distances	
Bui		 1076 Feet		unce greater than 1 mile. uilding of any type. If nearest
Pul	blic Road:	338 Feet	Building is a Building	Unit, enter same distance for
Above Grou		307 Feet	both. - Building Unit – as d	efined in 100 Series Rules.
		5280 Feet		
Prop	perty Line:	329 Feet		
OBJECTIVE FORM	ATIONS			
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR	407-2769	1280	T7N R67W SEC.7&8:ALL
Federal or State Unit	Name (if appl):		1	Init Number:
SUBSURFACE MIN		Freez F200 for distan		
SETBACKS	ERAL	Enter 5280 for distai	nce greater than 1 mile.	
Is this Well within a uni	t? Yes			
If YES:				
	m distance from th	e Completed Zone of this V	Vell to the Unit Boundary:	460 Feet
Enter the minimu	ım distance from th	e Completed Zone of this V	Vell to the Completed Zone of a	
	completed in the s	•	Feet	
If NO:			-	
	distance from the (	Completed Zone of this Well	I to the Lease Line of the descr	ibad lease:
		•	I to the Completed Zone of an o	
		•		onset well producing from
the same lease and	a permitted or com	pleted in the same formation	n: Feet	
<b>Exception Location</b>				
If this Well requires	the approval of a	Rule 401.c Exception Locat	ion, enter the Rule or spacing o	order number and attach the
Exception Location	Request and Wai	vers.		
SPACING & FORMA	ATIONS COMM	IENTS		
				<del></del>

DRILLING PROGRAM
Proposed Total Measured Depth: 18380 Feet TVD at Proposed Total Measured Depth 6918 Feet
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet: 971 Feet No well belonging to another operator within 1,500 feet
Will a closed-loop drilling system be used? Yes
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than
or equal to 100 ppm? No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No
Will salt sections be encountered during drilling?No
Will salt based (>15,000 ppm Cl) drilling fluids be used? No
Will oil based drilling fluids be used? Yes
BOP Equipment Type: X Annular Preventor X Double Ram X Rotating Head None
Beneficial reuse or land application plan submitted? No
Reuse Facility ID: or Document Number:

#### **CASING PROGRAM**

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	<u>Setting</u> <u>Depth</u>	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	26	16	A52A	36.94	0	40	170	40	0
SURF	13+1/2	9+5/8	J55	36	0	1500	662	1500	0
1ST	8+1/2	5+1/2	EPP110	20	0	18380	2888	18380	1000

Conductor Casing is NOT planned

### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> /Hazard	<u>Top</u> <u>M.D.</u>	<u>Top</u> T.V.D.	Bottom M.D.	Bottom T.V.D.		Data Source	Comment
Groundwater	FOX HILLS SANDSTONE	0	0	579	579	1001-10000	DWR	
Confining Layer	PIERRE SHALE	579	579	671	671			
Groundwater	UPIR/PAWNEE AQUIFER	671	671	1160	1160	1001-10000	Other	COGCC UPWQ STUDY
Confining Layer	PIERRE SHALE	1160	1160	3401	3401			
Hydrocarbon	PARKMAN	3401	3401	3707	3707			
Confining Layer	PIERRE SHALE	3707	3707	3991	3991			
Hydrocarbon	SUSSEX	3991	3991	4266	4266			
Confining Layer	PIERRE SHALE	4266	4266	4526	4526			
Hydrocarbon	SHANNON	4526	4526	4758	4758			
Confining Layer	PIERRE SHALE	4758	4758	8348	6748			
Subsurface Hazard	SHARON SPRINGS SHALE	8348	6748	8382	6770			LEAST COMPETENT SHALES
Hydrocarbon	NIOBRARA	8382	6770	18380	6918			NIOBRARA TARGET

#### OPERATOR COMMENTS AND SUBMITTAL

The following changes from the previously approved Form 2 are being made:

- Well name and number
- TPZ, BPZ & BHL footages
- · Nearest well in DSU and offset well distances
- · Casing / Cementing program
- PFZ Table data
- Revised Well Location Plat, Deviated Drilling Plan, Directional Data Template and Offset Well Evaluation are attached

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 2W7CM (123-51460). Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured to the SAN JUAN 8-67-33-4 (ENERPLUS / 05-123 -44904 / AP). There are no other operator wells with a treated interval less 175' from the treated interval of the proposed well. Distance measured in 2D map view.

This well has a bottom hole location beyond the unit boundary setback. The bottom of the completed interval will be within the unit boundary setback at 460' FNL and 460' FWL of Section 7. The wellbore beyond the unit boundary setback will be physically isolated and will not be completed.

This location has been built and contains 10 wells in PR status.

This application is in a Comprehens	ive Area Plan	No	CAP #:		_
Dil and Gas Development Plan Nam	ie		OGDP ID#	#:	
ocation ID: 478497					
I hereby certify all statements made	in this form are, to	the best of m	ny knowledge, t	rue, correct, ar	nd complete.
Signed:			Print Name:	ERIN LIND	
Title: REG & ENV MANAGER		Date:	2/22/2024	Email:	erin.lind@nickelroadoperating.
ater right or permit allowing for in	dustrial use, other	rwise an app	lication for a cl	hange in type	of use is required under Colora
rater right or permit allowing for in aw. Operator must also use the wor a change in place of use is requased on the information provided he	dustrial use, other ater in the location uired under Colora	rwise an app n set forth in ado law. Sect	lication for a cl the water right tion 37-92-103	hange in type decree or wel (5), C.R.S. (20	of use is required under Colora Il permit, otherwise an applicati 011).
vater right or permit allowing for in aw. Operator must also use the wor a change in place of use is requased on the information provided he B 19-181 and is hereby approved.	dustrial use, other ater in the location uired under Colora erein, this Application	rwise an app n set forth in ado law. Sect on for Permit-	lication for a cl the water right tion 37-92-103	hange in type decree or wel (5), C.R.S. (20 s with ECMC F	of use is required under Colora Il permit, otherwise an applicati 011).
Operator must have a valid water right or permit allowing for in aw. Operator must also use the wor a change in place of use is requased on the information provided he B 19-181 and is hereby approved.  CMC Approved:	dustrial use, other ater in the location uired under Colora erein, this Application	rwise an app n set forth in ado law. Sect on for Permit-	lication for a cl the water right tion 37-92-103 to-Drill complie	hange in type decree or wel (5), C.R.S. (20 s with ECMC F	of use is required under Colora II permit, otherwise an application of the permit of t

### **CONDITIONS OF APPROVAL, IF ANY LIST**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Construction	If conductors are preset, operator shall comply with Notice to Operators: Procedures for Preset Conductors (dated September 1, 2016).
Drilling/Completion Operations	Operator will log three (3) additional wells during the second rig occupation with openhole resistivity log with gamma-ray log from the kick-off point into the surface casing for the stratigraphically deepest wells on each side of the pad for a total of four wells logged.
Drilling/Completion Operations	Operator will ensure the wellbore beyond the unit boundary setback is physically isolated and is not completed. In the Operator Comments on the Form 5A the operator will (1) report the footages from the section lines of the bottom of the completed interval (2) describe how the wellbore beyond the unit boundary setback is physically isolated and (3) certify that none of the wellbore beyond the setback was completed.
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017)
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	1) Submit Form 42 electronically to COGCC 2 business days prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 2 business days spud notice for all subsequent wells drilled on the pad. 2) Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log. 3) Oil-based drilling fluid is to be used only after all aquifers are covered.
6 COAs	_ <u> </u>

# **Best Management Practices**

No BMP/COA Type	<u>Description</u>
1 Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.`
2 Drilling/Completion Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.`

3	Drilling/Completion	Operator acknowledges and will comply with COGCC policy for Bradenhead
	Operations	Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area
		dated May 29, 2012.`

Total: 3 comment(s)

#### **ATTACHMENT LIST**

Att Doc Num	<u>Name</u>
2168586	WELL LOCATION PLAT
403647414	FORM 2 SUBMITTED
403691060	DIRECTIONAL DATA
403691061	DEVIATED DRILLING PLAN
403691714	OffsetWellEvaluations Data
403762706	OFFSET WELL EVALUATION

Total Attach: 6 Files

# **General Comments**

User Group	Comment	Comment Date
Permit	Final Review Completed.	04/09/2024
Permit	Uploaded updated well location plat from operator	04/08/2024
OGLA	CPW Consultation occurred on 3/14/2024. This Location and its associated Form 2A materials was fully evaluated during the review of this APD in accordance with the current Rules. This APD complies with all Colorado ECMC Rules and Staff does not anticipate any significant potential direct adverse impacts to public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	03/20/2024
Permit	-Received consent from the operator for the following changes: 1.Adding the refile COA 2.Adding the drilling beyond the setback COA and comment 3.Adding a comment about the APD being a refile 4.Listing the nearest well in the same formation 5.Adding additional open hole logging COA -Passed Permit Review	03/20/2024
Permit	Requesting the following from the operator:  1.Refile COA for built locations  2.Drilling beyond the setback COA and comment  3.APD refile comment  4.Listing the nearest well in the same formation/ unit	03/08/2024
Engineer	Offset Wells Evaluated.	03/08/2024

Total: 6 comment(s)

05/22

# **State of Colorado**

# Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

**APPLICATION FOR PERMIT TO** 





Document Number:

403225775

Date Received:

11/11/2022

X Drill	Deep	en	Re-enter	Recomplet	e and Operate	Amend
TYPE OF WEL	L OIL X	GAS CO	ALBED OTHE	R:		Refile X
ZONE TYPE	SINGLE ZONE	E X MULT	TIPLE ZONES (	COMMINGLE ZONES		Sidetrack
Well Name: BL	EHM			Well Number: 1	X-HNB-10-07-67	,
Name of Operat	or: NICKEL RO	OAD OPERAT	ING LLC		COGCC Opera	tor Number: 10669
Address: 44 CC	OK ST STE 70	05				
City: D	ENVER	State:	СО	Zip: 80206		
Contact Name:	ERIN LIND		Phone: (3	03)2267375 Fa	x: <u>(</u> )	<u></u>
Email:	erin.lind@nick	elroadoperatir	ng.com			
FINANCIAL A	ASSURANC	E FOR PLU	JGGING, ABANDO	ONMENT, AND F	RECLAMATIO	N
COGCC Fina	ncial Assur	rance				
X The Operate	or has provided	l or will provide	e Financial Assurance	to the COGCC for th	is Well.	
Surety ID N	umber (if applic	cable):202	200034			
Federal Fina	ncial Assura	ance				
	this box, the Opernment for this			or will provide at leas	t this amount of F	Financial Assurance to the
Amount of F	ederal Financia	al Assurance S	<b>.</b>			
WELL LOCA	TION INFOR	RMATION				
Surface Location	n					
QtrQtr: NENE	Sec:	9 Twp:	7N Rng: 67\	V Meridian:	6	
		·	FNL/FSL	FEL/F	:WL	
Footage at	Surface:	365 Fe	et FNL	Feet FE	<u>L</u>	
_	40.594955		Longitude:	-104.890978		
GPS Data:	GPS Quality \	/alue: 1.8	Type of GPS Quality	Value: PDOP	Date	of Measurement: <u>06/23/2020</u>
Ground Elevation	on: 5096					
Field Name: V	/ATTENBERG		Field Numbe	r: 90750		
Well Plan: is	Directional	X Horiz	ontal (highly deviated)	Vertical		
	If Well plan is	Directional or	Horizontal attach Devia	ed Drilling Plan and D	irectional Data.	
Subsurface Loc	ations					
Top of Producti	ve Zone (TPZ)					
Sec	:: <u>9</u> Tv	wp:7N	Rng: _67W_	Footage at TP		FNL 460 FWL
Me	asured Depth o	of TPZ: 942	2Tı	ue Vertical Depth of	TPZ: 6813	FNL/FSL FEL/FWL

Base of Pr	oductive	Zone (E	BPZ)									
	Sec:	10	Twp:	7N	Rng:	67W	Footag	je at BPZ:	785	FNL	460	FEL
	Measu	red Dep	th of BP2	Z: 1890	6		True Vertical D	epth of BPZ:	7007	FNL/FSL		FEL/FWL
Bottom Ho	le Locat	on (BHL	_)							_		
	Sec:	10	Twp:	7N	Rng:	67W	Footag	e at BHL:	785	FNL	460	FEL
			-					_		FNL/FSL		FEL/FWL
LOCAL C	OVER	NMEN	IT PER	MITTIN	G INF	ORMAT	ΓΙΟΝ					
County: WI	ELD					Municip	ality: N/A					
Is the Surfa	ace Loca	tion of th	nis Well i	n an area	_ design	ated as o	ne of State interes	t and subject	to the req	uirements o	of §	
24-65.1-10	8 C.R.S.	? No	) 									
Per § 34-60 proposed O				e followin	ng quest	tions pert	ain to the Relevant	Local Gove	rnment apı	oroval of the	e siting of t	he
							perators must inclu local government					
Does the Re	elevant L	ocal Go	vernmen	t regulate	e the siti	ing of Oil	and Gas Locations	s, with respec	ct to this Lo	ocation?	X Yes	No
X If yes	, in chec ting of th	king this	box, I he	ereby cert nd gas loc	tify that cation.	an applic	ation has been file	d with the loo	cal governi	ment with ju	irisdiction t	o approve
The disposi	tion of th	ie applic	ation file	d with the	Releva	int Local	Government is:	Approved	Date of	Final Dispo	osition:	10/15/2020
Comments:	1041\	NOGLA:	20-0076									
SURFAC		MINE	RAL O	WNERS	SHIP A	T WEL	L'S OIL & GAS					
Surface Ow		e land a	t this We	ll's Oil an	ıd Gas L	_ocation:	<b>X</b> Fee	State	Federa	l [] Ind	ian	
Mineral Ow	ner bene	ath this	Well's O	il and Ga	s Locati	on:	X Fee	State	Federa	l Ind	ian	
Surface Ow	ner Prot	ection B	ond (if ap	oplicable)	:			Sure	ty ID Num	ber (if appli	cable):	
MINE WELL		DEVEL	.OPED	BY								
	nership o  X Fee  State Fedel Indian  N/A	ral	minerals	that will	be deve	eloped by	this Well is (check	all that appl	y):			
LEASE I	NFORI	MATIO	N									
Using standard QtrQtr, Section, Township, Range format describe one entire mineral lease as follows:  * If this Well is within a unit, describe a lease that will be developed by the Well.  * If this Well is not subject to a unit, describe the lease that will be produced by the Well.  (Attach a Lease Map or Lease Description or Lease if necessary.)												
PLEASE	SEE LE	ASE M	AP ON F	ILE								
Total Acres	s in Des	cribed Le	ease:	2		Described	d Mineral Lease is:	<b>X</b> Fee	Sta	ate Fe	ederal	Indian
Federal or	State Le	ease#										

SAFETY SETBACK	<u> </u>			
Distance from Well to ne	earest:		INSTRUCTIONS:	
	Building:	1052 Feet	- Specify all distance	
Ви	ilding Unit:	1052 Feet	l l	ance greater than 1 mile. puilding of any type. If nearest
	ublic Road:	353 Feet	Building is a Building	g Unit, enter same distance for
	ound Utility:	322 Feet	both.	lefined in 100 Series Rules.
Above Oic			- Building Offit – as d	letified iii 100 Series Rules.
Pro	Railroad: perty Line:	5280 Feet 344 Feet		
OBJECTIVE FORM	MATIONS			
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR	407-3028	640	T7N R67W: Sec.9 & 10: N/2
Fodoral or State Lin	it Name (if appl).			lait Number
Federal or State Un	-			Jnit Number:
SUBSURFACE MIN SETBACKS	NERAL	Enter 5280 for dista	nce greater than 1 mile.	
OLI DACKO				
Is this Well within a ur	nit? Yes			
If YES:				
Enter the minim	um distance from t	the Completed Zone of this V	Vell to the Unit Boundary:	460 Feet
Enter the minim	um distance from t	the Completed Zone of this V	Vell to the Completed Zone of a	an offset Well within the same
unit permitted or	completed in the	same formation: 176	Feet	
If NO:			-	
	distance from the	Completed Zone of this Wel	I to the Lease Line of the descr	ribed lease: Feet
		•	I to the Completed Zone of an	
		npleted in the same formation		onset vven producing nom
	ia permitted or con	inpleted in the same formation	n: Feet	
Exception Location				
If this Well require	s the approval of a	a Rule 401.c Exception Locat	tion, enter the Rule or spacing	order number and attach the
Exception Locatio	n Request and Wa	nivers.		
SPACING & FORM	ATIONS COM	MENTS		

DRILLING PROGRAM					
Proposed Total Measured Depth:18906 Feet TVD at Proposed Total Measured Depth7007 Feet					
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:					
Enter distance if less than or equal to 1,500 feet:1263 Feet					
Will a closed-loop drilling system be used? Yes					
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than					
or equal to 100 ppm? No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).					
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No					
Will salt sections be encountered during drilling?No					
Will salt based (>15,000 ppm Cl) drilling fluids be used? No					
Will oil based drilling fluids be used? Yes					
BOP Equipment Type: 🔀 Annular Preventor 😾 Double Ram 💢 Rotating Head 🔲 None					
Beneficial reuse or land application plan submitted?					
Reuse Facility ID: or Document Number:					
CASING PROGRAM					

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	<u>Setting</u> <u>Depth</u>	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	16	N/A	42	0	80	100	80	0
SURF	13+1/2	9+5/8	K-55	36	0	1500	415	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	18906	2450	18906	1000

Conductor Casing is NOT planned

### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> /Hazard	<u>Top</u> M.D.	<u>Top</u> T.V.D	Bottom M.D.	Bottom T.V.D		Data Source	Comment
Groundwater	Laramie-Fox Hills	0	0	139	139	1001-10000	Other	CSU - Domestic Water Analysis Report - Larry Moore Well - 176559
Groundwater	Upper Pierre	300	300	1314	1314	1001-10000	Other	Water Quality and the Presence and Origin of Methane in the Upper Pierre Aquifer in Northeastern Weld County, Morgan County and Logan County, Colorado COGCC Project Number 2141 October 2017
Confining Layer	Pierre Shale	1314	1314	4631	4095			
Hydrocarbon	Sussex	4631	4095	5326	4444			
Hydrocarbon	Shannon	5326	4444	5384	4473			
Confining Layer	Pierre Shale	5384	4473	9085	6710			
Hydrocarbon	Niobrara	9085	6710	18906	7007			Btm MD=TD, Btm TVD=TVD @ BHL

#### OPERATOR COMMENTS AND SUBMITTAL

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 1X-HNC-10-07-67. Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured to the Arkansas 8-67-33-4N (Enerplus, PR, 05-123-449036). There are no other operator wells with treated interval less 175' from the treated interval of the proposed well. Distances measured in 2D map view.

This location has been built and contains 10 wells in PR status. The following changes from the previously approved Form 2 are being made via this refile:

- Offset Well Evaluation: new template attached
- Updated distance to nearest Building and Building Unit

No other changes to this Form 2 are proposed at this time. Attachments have not been provided except as identified above as no changes are proposed.

This applic	cation is in a Comprehensive Area Plan	CAP #:		_			
Oil and Ga	as Development Plan Name			OGDP ID#	<b>#</b> :		
Location II	ocation ID:478497						
I hereby c	ertify all statements made in this form are, to t	the best of m	ny knowledge, true,	correct, ar	nd complete.		
Signed:			Print Name: ERI	N LIND			
Title:	SR REGULATORY ANALYST	Date:	11/11/2022	Email:	erin.lind@nickelroa	doperating.c	
water right law. Opera for a chan- Based on th	must have a valid water right or permit allow tor permit allowing for industrial use, otherwater must also use the water in the location ge in place of use is required under Colorac ne information provided herein, this Application and is hereby approved.	wise an app set forth in t do law. Sect	lication for a chang the water right dec tion 37-92-103(5),	ge in type or well C.R.S. (20	of use is required un I permit, otherwise a 011).	der Colorado in application	
COGCC Ap	oproved:	Dir	ector of COGCC	Date:	3/1/2023		
	API NUMBER		Expira	tion Date:	02/28/2026		
05 12	23 51460 00						

# **Conditions Of Approval**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017).
Construction	If conductors are preset, operator shall comply with Rule 406.e.
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	<ol> <li>Submit Form 42 electronically to COGCC 48 hours prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 48 hour spud notice for all subsequent wells drilled on the pad.</li> <li>Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log.</li> <li>Oil-based drilling fluid is to be used only after all aquifers are covered.</li> </ol>
4 COAs	

# **Best Management Practices**

No BMP/COA Type	<u>Description</u>
1 Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.
2 Drilling/Completion Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.
3 Drilling/Completion Operations	Operator acknowledges and will comply with COGCC policy for Bradenhead Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area dated May 29, 2012.

Total: 3 comment(s)

# **Attachment List**

Att Doc Num	<u>Name</u>
403225775	FORM 2 SUBMITTED
403225866	OffsetWellEvaluations Data
403333776	OFFSET WELL EVALUATION

Total Attach: 3 Files

User Group	General Comments  Comment	Comment Date
Permit Permit	Final Review Completed.	02/27/2023
OGLA	This Location and its associated materials was fully reviewed in the review of this APD. See Sundry doc #403275510 in Location #478497 file for additional information. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	02/23/2023
OGLA	ON HOLD: This application has been reviewed by COGCC staff and cannot be approved based on the information submitted; therefore, the COGCC is placing this form ON HOLD until additional information is received from the applicant.  In compliance with § 24-65.1-108(1), C.R.S., the COGCC is providing this written request for all additional information necessary for the COGCC to respond to this application. The applicant may provide all requested additional information to COGCC via email. Upon receipt of all requested information, the COGCC will have 60 days in which to approve, deny, or request all additional information necessary to complete the regulatory review. If the applicant no longer requires this application be approved, the applicant may request to withdraw the application.	01/05/2023
	In addition to all standard required information and attachments, the COGCC hereby confirms the following information is necessary for review:  1.) Sundry for the Location with updated Noise, Light, and Dust BMPs to demonstrate compliance with the Rules that are protective of nearby residential building units. Please provide a plan for Sound Monitoring for the Location. Please provide clarification as to whether oil based or water based drilling muds will be utilized, if oil based what group will be utilized.	
OGLA	ON HOLD: This application has been reviewed by COGCC staff and cannot be approved based on the information submitted; therefore, the COGCC is placing this form ON HOLD until additional information is received from the applicant.  In compliance with § 24-65.1-108(1), C.R.S., the COGCC is providing this written request for all additional information necessary for the COGCC to respond to this application. The applicant may provide all requested additional information to COGCC via email. Upon receipt of all requested information, the COGCC will have 60 days in which to approve, deny, or request all additional information necessary to complete the regulatory review. If the applicant no longer requires this application be approved, the applicant may request to withdraw the application.  In addition to all standard required information and attachments, the COGCC hereby confirms the following information is necessary for review:  1.) Sundry for the Location with updated Noise, Light, and Dust BMPs to demonstrate compliance with the Rules that are protective of nearby residential building units. Please provide a plan for Sound Monitoring for the Location. Please provide clarification as to whether oil based or water based drilling muds will be utilized, if oil based what group will	01/05/2023
Permit	be utilized.  Made the following changes with concurrence from the operator: - Selected NO for sidetrack under Well Name & Contact Info tab Revised Unit Configuration box to include Twp & Rng.	12/21/2022
Permit	Permit Review Complete  Emailed Operator for the following: - Confirm Sidetrack is NO - Confirm revising Unit Configuration box to include Twp & Rng Form 2A distances are greater than reported distances to Building & Building Unit. Advised operator to submit sundry to have Form 2A updated. Notified OGLA.	12/20/2022
OGLA	The Location and its associated Form 2A materials was fully reviewed during the review of this APD. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	12/13/2022

Engineer Offset Well	ls re-Evaluated with this APD.	11/14/2022
Total: 8 comment(s)		

05/22

# State of Colorado Energy & Carbon Management Commission



Document Number:

403649197

Date Received:

02/22/2024

#### **APPLICATION FOR PERMIT TO**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

X Drill Deepen Re-enter	Recomplete and Operate Amend
TYPE OF WELL OIL X GAS COALBED OTHER:	Refile X
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COM	IMINGLE ZONES Sidetrack
Well Name: BLEHM	Well Number: 3W7NAM
Name of Operator: NICKEL ROAD OPERATING LLC	ECMC Operator Number: 10669
Address: 3773 CHERRY CRK NORTH DR #670	
City: DENVER State: CO Zip	o: 80209
Contact Name: ERIN LIND Phone: (303)2	26-7375 Fax: ( )
Email: erin.lind@nickelroadoperating.com	_
FINANCIAL ASSURANCE FOR PLUGGING, ABANDON	MENT, AND RECLAMATION
ECMC Financial Assurance	
X The Operator has provided or will provide Financial Assurance to the	ne ECMC for this Well.
Surety ID Number (if applicable):20230163	
Federal Financial Assurance	
In checking this box, the Operator certifies that it has provided or w federal government for this Well. (Per Rule702.a.)	rill provide at least this amount of Financial Assurance to the
Amount of Federal Financial Assurance \$	
WELL LOCATION INFORMATION	
Surface Location	
QtrQtr:         NENE         Sec:         9         Twp:         7N         Rng:         67W	Meridian: 6 FEL/FWL
Footage at Surface: 380 Feet FNL 653	<del></del>
Latitude: 40.594913 Longitude: -1  GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: 1.8	
Gr5 Quality value Type of Gr5 Quality val	ue: PDOP Date of Measurement: 11/14/2020
Ground Elevation: 5088	00750
Field Name: WATTENBERG Field Number:	90750
Well Plan: is Directional X Horizontal (highly deviated)	Vertical
If Well plan is Directional or Horizontal attach Deviated	Drilling Plan and Directional Data.
Subsurface Locations	
Top of Productive Zone (TPZ)	
Sec: 8 Twp: 7N Rng: 67W	Footage at TPZ: 950 FNL 460 FEL
Measured Depth of TPZ:8836 True	Vertical Depth of TPZ:6858 FNL/FSL FEL/FWL

Base of P	roductive Zo	ne (BPZ)									
	Sec: 7	Twp:	7N	Rng:	67W	Foota	ge at BPZ:	950	FNL	460	FWL
	Measured	Depth of B	PZ: 180	76		True Vertical D	epth of BPZ	<u>′</u> : 6858	FNL/FSL		FEL/FWL
Bottom Ho	ole Location	(BHL)							_		
		7 Twp:	7N	Rng:	67W	Footag	ge at BHL:	950	FNL	150	FWL
				_			-		FNL/FSL		FEL/FWL
LOCAL (	GOVERNI	IENT PE	RMITTIN	IG INF	ORMAT	TON					
County: W	'ELD				Municipa	ality: N/A					
Is the Surfa	ace Location	of this Wel	l in an are	— a design	ated as o	ne of State interes	t and subjec	t to the req	— uirements d	of §	
24-65.1-10	8 C.R.S.?	Yes									
	0-106(1)(f)(I) Dil and Gas I		the followi	ng quest	tions pert	ain to the Relevan	t Local Gove	ernment ap	proval of the	e siting of	the
						perators must inclu local government					
Does the R	elevant Loca	al Governme	ent regulat	te the siti	ing of Oil	and Gas Location	s, with respe	ect to this L	ocation?	X Yes	No
X If yes	s, in checking	this box, I roposed oil	hereby ce and gas lo	rtify that cation.	an applic	ation has been file	ed with the lo	ocal govern	ment with ju	ırisdiction	to approve
The dispos	ition of the a	pplication fil	led with th	e Releva	ınt Local	Government is:	Approved	Date of	Final Dispo	osition:	09/03/2020
Comments	: 1041WO	GLA20-007	6								
SURFAC		INERAL (	OWNER	SHIP A	T WEL	L'S OIL & GAS					
Surface Ow	vner of the la	and at this W	/ell's Oil a	nd Gas L	_ocation:	X Fee	State	Federa	ıl 🔲 Ind	ian	
Mineral Ow	ner beneath	this Well's	Oil and Ga	as Locati	on:	X Fee	State	Federa	ıl 🔲 İnd	ian	
Surface Ow	vner Protecti	on Bond (if	applicable	):			Sur	ety ID Num	ber (if appli	cable):	
MINE WELL	RALS DE	VELOPEI	O BY								
_	rnership of a  X Fee State Federal Indian N/A	II the minera	als that wil	l be deve	eloped by	this Well is (check	c all that app	oly):			
LEASE I	INFORMA	TION									
* If this W * If this W	ell is within a	a unit, descr oject to a un	ibe a leas it, describ	e that wi e the lea	II be deve se that w	cribe one entire mi eloped by the Well ill be produced by ary.)	•	as follows:			
SEE LE	ASE MAP C	N FILE									
Total Acre	s in Describ	ed Lease:	142		Described	l Mineral Lease is:	X Fee	St	ate Fe	ederal [	Indian
Federal or	State Lease	e#									

SAFETY SETBACK INFORMATION						
Distance from Well to ne	arest:		INSTRUCTIONS:			
	Building:	1078 Feet	- Specify all distances			
Bui		1091 Feet		- Enter 5280 for distance greater than 1 mile Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for		
	blic Road:	368 Feet	Building is a Building			
Above Gro		337 Feet		both Building Unit – as defined in 100 Series Rules.		
		5280 Feet				
Pro	perty Line:	359 Feet				
OBJECTIVE FORM	IATIONS					
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)		
NIOBRARA	NBRR	407-2769	1280	T7N R67W SEC.7&8:ALL		
	(A) ('' )					
Federal or State Uni				nit Number:		
SUBSURFACE MIN SETBACKS	IERAL	Enter 5280 for dista	nce greater than 1 mile.			
SEIDACKS						
Is this Well within a un If YES:		ne Completed Zone of this V	Vell to the Unit Boundary	460 Feet		
		·	Vell to the Completed Zone of a			
	completed in the s	·	•	in onset wen within the same		
	completed in the s		Feet			
If NO:		o 1. 1. 7				
		•	I to the Lease Line of the descri			
		•	I to the Completed Zone of an o	offset Well producing from		
the same lease an	d permitted or com	pleted in the same formation	n: Feet			
<b>Exception Location</b>						
If this Well requires	s the approval of a	Rule 401.c Exception Locat	tion, enter the Rule or spacing o	order number and attach the		
Exception Location	n Request and Wai	vers.				
SPACING & FORM	ATIONS COMM	IENTS				

DRILLING PROGRAM
Proposed Total Measured Depth: 18387 Feet TVD at Proposed Total Measured Depth 6858 Feet
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet: Feet No well belonging to another operator within 1,500 feet
Will a closed-loop drilling system be used? Yes
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than
or equal to 100 ppm? No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No
Will salt sections be encountered during drilling?No
Will salt based (>15,000 ppm Cl) drilling fluids be used? No
Will oil based drilling fluids be used? Yes
BOP Equipment Type: X Annular Preventor X Double Ram X Rotating Head None
Beneficial reuse or land application plan submitted? No
Reuse Facility ID: or Document Number:

#### **CASING PROGRAM**

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	<u>Setting</u> <u>Depth</u>	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	26	16	A52A	36.94	0	40	170	40	0
SURF	13+1/2	9+5/8	J55	36	0	1500	662	1500	0
1ST	8+1/2	5+1/2	EPP110	20	0	18387	2889	18387	1000

Conductor Casing is NOT planned

### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> /Hazard	<u>Top</u> <u>M.D.</u>	<u>Top</u> T.V.D.	Bottom M.D.	Bottom T.V.D.		Data Source	Comment
Groundwater	FOX HILLS SANDSTONE	0	0	579	579	1001-10000	DWR	
Confining Layer	PIERRE SHALE	579	579	671	671			
Groundwater	UPIR/PAWNEE AQUIFER	671	671	1160	1160	1001-10000	Other	COGCC UPWQ STUDY
Confining Layer	PIERRE SHALE	1160	1160	3401	3401			
Hydrocarbon	PARKMAN	3401	3401	3707	3707			
Confining Layer	PIERRE SHALE	3707	3707	3991	3991			
Hydrocarbon	SUSSEX	3991	3991	4266	4266			
Confining Layer	PIERRE SHALE	4266	4266	4526	4526			
Hydrocarbon	SHANNON	4526	4526	4758	4758			
Confining Layer	PIERRE SHALE	4758	4758	8447	6743			
Subsurface Hazard	SHARON SPRINGS SHALE	8447	6743	8511	6777			LEAST COMPETENT SHALES
Hydrocarbon	NIOBRARA	8511	6777	18387	6858			NIOBRARA TARGET

#### OPERATOR COMMENTS AND SUBMITTAL

The following changes from the previously approved Form 2 are being made:

- Well name and number
- TPZ, BPZ & BHL footages
- · Nearest well in DSU and offset well distances
- · Casing / Cementing program
- PFZ Table data
- Revised Well Location Plat, Deviated Drilling Plan, Directional Data Template and Offset Well Evaluation are attached

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 4W7NCM (123-51471). Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured to the SAN JUAN 8-67-33-4 (ENERPLUS / 05-123 -44904 / AP). There are no other operator wells with a treated interval less 175' from the treated interval of the proposed well. Distance measured in 2D map view.

This well has a bottom hole location beyond the unit boundary setback. The bottom of the completed interval will be within the unit boundary setback at 950' FNL and 460' FWL of Section 7. The wellbore beyond the unit boundary setback will be physically isolated and will not be completed.

This location has been built and contains 10 wells in PR status.

his application is in a Comprehensive Area Plan	No	CAP #:		_
oil and Gas Development Plan Name			OGDP ID:	#:
ocation ID: 478497				
hereby certify all statements made in this form are,	, to the best of m	ny knowledge, t	true, correct, a	nd complete.
Signed:		Print Name:	ERIN LIND	
		2/22/2024	Email:	erin.lind@nickelroadoperating.c
ater right or permit allowing for industrial use, oth	herwise an app	strial use or polication for a c	urchased wate	er from a seller that has a valid of use is required under Colorac
operator must have a valid water right or permit allowing for industrial use, othew. Operator must also use the water in the location a change in place of use is required under Colors as the information provided herein, this Application.	ullowing for indu herwise an app ion set forth in to orado law. Sect	strial use or polication for a country the water right tion 37-92-103	urchased wate hange in type decree or we (5), C.R.S. (20	er from a seller that has a valid of use is required under Colorac II permit, otherwise an applicatio 011).
operator must have a valid water right or permit allowing for industrial use, othew. Operator must also use the water in the location a change in place of use is required under Colo	ullowing for indu herwise an applion set forth in to orado law. Sect	strial use or polication for a country the water right tion 37-92-103	urchased wate hange in type decree or we (5), C.R.S. (20	er from a seller that has a valid of use is required under Colorac II permit, otherwise an applicatio 011).
eperator must have a valid water right or permit a rater right or permit allowing for industrial use, othew. Operator must also use the water in the location a change in place of use is required under Colorased on the information provided herein, this Application 19-181 and is hereby approved.	ullowing for indu herwise an applion set forth in to orado law. Sect	strial use or polication for a country the water right tion 37-92-103 to-Drill complies	urchased wate hange in type decree or we (5), C.R.S. (20	er from a seller that has a valid of use is required under Colorac II permit, otherwise an applicatio 011).  Rules, applicable orders, and

#### **CONDITIONS OF APPROVAL, IF ANY LIST**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Construction	If conductors are preset, operator shall comply with Notice to Operators: Procedures for Preset Conductors (dated September 1, 2016).
Drilling/Completion Operations	Operator will log three (3) additional wells during the second rig occupation with openhole resistivity log with gamma-ray log from the kick-off point into the surface casing for the stratigraphically deepest wells on each side of the pad for a total of four wells logged.
Drilling/Completion Operations	Operator will ensure the wellbore beyond the unit boundary setback is physically isolated and is not completed. In the Operator Comments on the Form 5A the operator will (1) report the footages from the section lines of the bottom of the completed interval (2) describe how the wellbore beyond the unit boundary setback is physically isolated and (3) certify that none of the wellbore beyond the setback was completed.
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017)
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	<ol> <li>Submit Form 42 electronically to COGCC 2 business days prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 2 business days spud notice for all subsequent wells drilled on the pad.</li> <li>Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log.</li> <li>Oil-based drilling fluid is to be used only after all aquifers are covered.</li> </ol>
6 COAs	

# **Best Management Practices**

No l	BMP/COA Type	<u>Description</u>
	Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.`
	Drilling/Completion Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.`

3	Drilling/Completion	Operator acknowledges and will comply with COGCC policy for Bradenhead
	Operations	Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area
		dated May 29, 2012.`

Total: 3 comment(s)

#### **ATTACHMENT LIST**

Att Doc Num	<u>Name</u>
2168588	WELL LOCATION PLAT
403649197	FORM 2 SUBMITTED
403691062	DIRECTIONAL DATA
403691063	DEVIATED DRILLING PLAN
403691732	OffsetWellEvaluations Data
403762707	OFFSET WELL EVALUATION

Total Attach: 6 Files

# **General Comments**

User Group	Comment	<b>Comment Date</b>
Permit	Final Review Completed.	04/09/2024
Permit	Uploaded updated well location plat from operator	04/08/2024
OGLA	CPW Consultation occurred on 3/14/2024. This Location and its associated Form 2A materials was fully evaluated during the review of this APD in accordance with the current Rules. This APD complies with all Colorado ECMC Rules and Staff does not anticipate any significant potential direct adverse impacts to public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	03/20/2024
Permit	-Received consent from the operator for the following changes: 1.Adding the refile COA 2.Adding the drilling beyond the setback COA and comment 3.Adding a comment about the APD being a refile 4.Listing the nearest well in the same formation 5.Adding additional open hole logging COA -Passed Permit Review	03/20/2024
Permit	Requesting the following from the operator:  1.Refile COA for built locations  2.Drilling beyond the setback COA and comment  3.APD refile comment  4.Listing the nearest well in the same formation/ unit	03/08/2024
Engineer	Offset Wells Evaluated.	03/08/2024

Total: 6 comment(s)

05/22

# State of Colorado Energy & Carbon Management Commission



Document Number:

403649220

Date Received:

02/22/2024

#### **APPLICATION FOR PERMIT TO**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

X   Drill   Deepen   Re-enter   Recomplete and Operate     Amend
TYPE OF WELL OIL X GAS COALBED OTHER:
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES Sidetrack
Well Name: BLEHM Well Number: 5W7NBM
Name of Operator: NICKEL ROAD OPERATING LLC ECMC Operator Number: 10669
Address: 3773 CHERRY CRK NORTH DR #670
City: DENVER State: CO Zip: 80209
Contact Name: ERIN LIND Phone: (303)226-7375 Fax: ( )
Email: erin.lind@nickelroadoperating.com
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION
ECMC Financial Assurance
X The Operator has provided or will provide Financial Assurance to the ECMC for this Well.
Surety ID Number (if applicable):20230163
Federal Financial Assurance
In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for this Well. (Per Rule702.a.)
Amount of Federal Financial Assurance \$
WELL LOCATION INFORMATION
Surface Location
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6
FNL/FSL FEL/FWL
Footage at Surface: 410 Feet FNL 655 Feet FEL
Latitude: 40.594831 Longitude: -104.890988  GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDQP Date of Measurement: 11/14/2020
Type of Gr3 Quality value. 1301 Date of modernment. 1771 72020
Ground Elevation: 5088
Field Name: WATTENBERG Field Number: 90750
Well Plan: is Directional X Horizontal (highly deviated) Vertical
If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.
Subsurface Locations  To a Control of the Control o
Top of Productive Zone (TPZ)
Sec: 8 Twp: 7N Rng: 67W Footage at TPZ: 1500 FNL 460 FEL  Macaused Bookle of TPZ: 0034
Measured Depth of TPZ: 9034 True Vertical Depth of TPZ: 6918

	roductive Zone	e (BPZ)								
	Sec: 7	Twp:	7N	Rng:	67W	Footage at BPZ:	1500	FNL	460	FWL
	Measured D	epth of BP2	Z: 1826	8		True Vertical Depth of BPZ:	6918	FNL/FSL		FEL/FWL
Bottom Ho	ole Location (B	BHL)								
	Sec: 7	Twp:	7N	Rng:	67W	Footage at BHL:	1500	FNL	150	FWL
								FNL/FSL		FEL/FWL
LOCAL C	GOVERNMI	ENT PER	MITTIN	G INF	ORMAT	ION				
County: W	ELD				Municipa	ality: N/A				
Is the Surfa	ace Location c	of this Well in	n an area	_ designa	ated as or	ne of State interest and subject	to the req	uirements o	of §	
24-65.1-10	8 C.R.S.?`	Yes								
	0-106(1)(f)(I)( <i>A</i> Dil and Gas Lo		e followin	g quest	ions perta	ain to the Relevant Local Gover	nment ap <sub>l</sub>	oroval of the	e siting of	the
						perators must include proof that local government does not have				
Does the R	elevant Local	Governmen	t regulate	the siti	ng of Oil a	and Gas Locations, with respec	t to this Lo	ocation?	X Yes	No
X If yes the si	s, in checking t	his box, I he posed oil ar	ereby cert nd gas loc	ify that ation.	an applica	ation has been filed with the loc	al governi	ment with ju	ırisdiction	to approve
The disposi	ition of the app	olication file	d with the	Releva	int Local (	Government is: Approved	Date of	Final Dispo	osition:	09/03/2020
Comments:	1041WOG	LA20-0076								
		NERAL O	WNERS	HIP A	T WELL	.'S OIL & GAS				
LOCATIO	ON									
	<b>ON</b> vner of the land	d at this We	ll's Oil an	d Gas L	ocation:	X Fee State	Federa	l 🗌 Ind	ian	
Surface Ow						X Fee State  X Fee State	Federa			
Surface Ow Mineral Ow	vner of the land	nis Well's O	il and Gas	s Locati		X Fee State	 Federa		ian	
Surface Ow Mineral Ow Surface Ow	vner of the land oner beneath the oner Protection	nis Well's O n Bond (if ap	il and Gas	s Locati		X Fee State	 Federa	l Ind	ian	
Surface Ow Mineral Ow Surface Ow MINE WELL The ow	vner of the land vner beneath the vner Protection RALS DEV	nis Well's O n Bond (if ap ELOPED	il and Gas oplicable): <b>BY</b>	s Locati	on:	X Fee State	Federa	l Ind	ian	
Surface Ow Mineral Ow Surface Ow MINE WELL The ow	vner of the land vner beneath the vner Protection RALS DEV	nis Well's On Bond (if ap	il and Gas oplicable): <b>BY</b>	s Locati	on:	X Fee State Suret	Federa	l Ind	ian	
Surface Ow Mineral Ow Surface Ow MINE WELL  The ow  [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [	rner of the land rner beneath the land rner Protection in the land rner Protection in the land rnership of all the land rnership of all the land rnership in	nis Well's On Bond (if appendix Bond)  ELOPED  the minerals  ION  Section, Toward, described to a unit,	wnship, Rate a lease describe	be deve	on:  eloped by  rmat desc  ll be deve se that wi	Type State Suret  Suret  Suret  this Well is (check all that apply  cribe one entire mineral lease as loped by the Well.  Il be produced by the Well.	Federa y ID Num	l Ind	ian	
Surface Ow Mineral Ow Surface Ow MINE WELL  The ow  LEASE I  Using stan * If this W * If this W (Attach a L	rner of the land rner beneath the land rner Protection in the land rner Protection in the land rnership of all the land rnership rnership of all the land rnership rnership rnership rnership rnership of all the land rnership rner	is Well's On Bond (if appendix Bond)  ELOPED  the minerals  ION  Section, Toward, describe a unit, Lease Description	wnship, Rate a lease describe	be deve	on:  eloped by  rmat desc  ll be deve se that wi	Type State Suret  Suret  Suret  this Well is (check all that apply  cribe one entire mineral lease as loped by the Well.  Il be produced by the Well.	Federa y ID Num	l Ind	ian	
Surface Ow Mineral Ow Surface Ow MINE WELL  The ow  LEASE I  Using stan * If this W * If this W (Attach a L	rner of the land rner beneath the land rner Protection in the land rnership of all the land rnership of all the land rnership of all the land rnd rnd Rnership of all the land rnd Rnership of	ION Section, Tovunit, describect to a unit, Lease Description	wnship, Rate a lease describe	ange for that will the lease in Lease in the	rmat descill be devese that will	Type State Suret  Suret  Suret  this Well is (check all that apply  cribe one entire mineral lease as loped by the Well.  Il be produced by the Well.	Federa y ID Num  '):	I Ind	ian	Indian

SAFETY SETBACK INFORMATION						
Distance from Well to ne	earest:		INSTRUCTIONS:			
	Building:	1096 Feet	- Specify all distance			
Bu	ilding Unit:	1106 Feet	I	- Enter 5280 for distance greater than 1 mile Building - nearest building of any type. If nearest		
Public Road:		398 Feet	Building is a Building	Unit, enter same distance for		
Above Ground Utility:		367 Feet	both. - Building Unit – as d	efined in 100 Series Rules.		
		5280 Feet	Jananig emit as a			
Pro	perty Line:	389 Feet				
OBJECTIVE FORM	MATIONS					
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)		
NIOBRARA	NBRR	407-2769	1280	T7N R67W SEC.7&8:ALL		
Federal or State Uni	-			Init Number:		
SUBSURFACE MIN	IERAL	Enter 5280 for dista	nce greater than 1 mile.			
SETBACKS						
		he Completed Zone of this V	Vell to the Unit Boundary:  Vell to the Completed Zone of a	460 Feet an offset Well within the same		
unit permitted or	completed in the	same formation: 335	Feet			
·	,		-			
If NO:	diataman funcia tha	Commission Zone of this Wel	to the    ; of the decem	Shad lagar		
		•	I to the Lease Line of the descr			
		·	I to the Completed Zone of an o	offset well producing from		
the same lease an	d permitted or con	npleted in the same formation	n: Feet			
<b>Exception Location</b>						
If this Well require	s the approval of a	a Rule 401.c Exception Locat	tion, enter the Rule or spacing o	order number and attach the		
Exception Location	n Request and Wa	ivers.				
SPACING & FORM	ATIONS COM	MENTS				

DRILLING PROGRAM
Proposed Total Measured Depth: 18579 Feet TVD at Proposed Total Measured Depth 6918 Feet
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet:1171 Feet
Will a closed-loop drilling system be used? Yes
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than
or equal to 100 ppm? No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No
Will salt sections be encountered during drilling?No
Will salt based (>15,000 ppm Cl) drilling fluids be used? No
Will oil based drilling fluids be used? Yes
BOP Equipment Type: 🔀 Annular Preventor 💢 Double Ram 💢 Rotating Head 🔲 None
Beneficial reuse or land application plan submitted? No
Reuse Facility ID: or Document Number:

#### **CASING PROGRAM**

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	<u>Setting</u> <u>Depth</u>	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	26	16	A52A	36.94	0	40	170	40	0
SURF	13+1/2	9+5/8	J55	36	0	1500	662	1500	0
1ST	8+1/2	5+1/2	EPP110	20	0	18579	2918	18579	1000

Conductor Casing is NOT planned

### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> /Hazard	<u>Top</u> <u>M.D.</u>	<u>Top</u> T.V.D.	Bottom M.D.	Bottom T.V.D.		Data Source	Comment
Groundwater	FOX HILLS SANDSTONE	0	0	579	579	1001-10000	DWR	
Confining Layer	PIERRE SHALE	579	579	671	671			
Groundwater	UPIR/PAWNEE AQUIFER	671	671	1160	1160	1001-10000	Other	COGCC UPWQ STUDY
Confining Layer	PIERRE SHALE	1160	1160	3401	3401			
Hydrocarbon	PARKMAN	3401	3401	3707	3707			
Confining Layer	PIERRE SHALE	3707	3707	3991	3991			
Hydrocarbon	SUSSEX	3991	3991	4266	4266			
Confining Layer	PIERRE SHALE	4266	4266	4526	4526			
Hydrocarbon	SHANNON	4526	4526	4758	4758			
Confining Layer	PIERRE SHALE	4758	4758	8549	6746			
Subsurface Hazard	SHARON SPRINGS SHALE	8549	6746	8604	6781			LEAST COMPETENT SHALES
Hydrocarbon	NIOBRARA	8604	6781	18579	6918			NIOBRARA TARGET

#### OPERATOR COMMENTS AND SUBMITTAL

The following changes from the previously approved Form 2 are being made:

- Well name and number
- TPZ, BPZ & BHL footages
- Objective Formation
- Nearest well in DSU and offset well distances
- Casing / Cementing program
- PFZ Table data
- Revised Well Location Plat, Deviated Drilling Plan, Directional Data Template and Offset Well Evaluation are attached

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 4W7NCM (123-51471). Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured to the SAN JUAN 8-67-33-4 (ENERPLUS / 05-123 -44904 / AP). There are no other operator wells with a treated interval less 175' from the treated interval of the proposed well. Distance measured in 2D map view.

This well has a bottom hole location beyond the unit boundary setback. The bottom of the completed interval will be within the unit boundary setback at 1500' FNL and 460' FWL of Section 7. The wellbore beyond the unit boundary setback will be physically isolated and will not be completed.

This location has been built and contains 10 wells in PR status.

his applic	cation is in a (	Comprehensive Area Plan	No	CAP #:		_
il and Ga	as Developme	ent Plan Name			OGDP ID#	<b>#</b> :
ocation II	D: 47849	7				
hereby c	certify all state	ments made in this form are, t	o the best of m	y knowledge, true	e, correct, ar	nd complete.
Signed:				Print Name: EF	RIN LIND	
Title:	REG & ENV	MANAGER	Date:	2/22/2024	Email:	erin.lind@nickelroadoperating
ater righ	it or permit al	lowing for industrial use, othe	erwise an appli	ication for a char	nge in type	er from a seller that has a valid of use is required under Color
ater righ w. Opera r a chan sed on ti	nt or permit al ator must als age in place on the information	lowing for industrial use, other or use the water in the location of use is required under Color or provided herein, this Applicate	erwise an appl on set forth in t rado law. Secti	ication for a char he water right de ion 37-92-103(5)	nge in type ecree or wel , C.R.S. (20	of use is required under Color Il permit, otherwise an applica 011).
ater right w. Opera r a chan sed on th	at or permit all ator must als age in place of the information and is hereby	lowing for industrial use, other or use the water in the location of use is required under Color or provided herein, this Applicate	erwise an applin set forth in the ado law. Section for Permit-t	ication for a char he water right de ion 37-92-103(5)	nge in type ecree or wel o, C.R.S. (20 with ECMC F	of use is required under Color Il permit, otherwise an applica 011).
ater righ w. Opera r a chan sed on the	at or permit all ator must als age in place of the information and is hereby	lowing for industrial use, other or use the water in the location of use is required under Color or provided herein, this Applicator approved.	erwise an applin set forth in the ado law. Section for Permit-t	ication for a char he water right de ion 37-92-103(5) co-Drill complies w	nge in type ecree or wel o, C.R.S. (20 with ECMC F	of use is required under Color l permit, otherwise an applica 211).  Rules, applicable orders, and  4/21/2024

### **CONDITIONS OF APPROVAL, IF ANY LIST**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Construction	If conductors are preset, operator shall comply with Notice to Operators: Procedures for Preset Conductors (dated September 1, 2016).
Drilling/Completion Operations	Operator will log three (3) additional wells during the second rig occupation with openhole resistivity log with gamma-ray log from the kick-off point into the surface casing for the stratigraphically deepest wells on each side of the pad for a total of four wells logged.
Drilling/Completion Operations	Operator will ensure the wellbore beyond the unit boundary setback is physically isolated and is not completed. In the Operator Comments on the Form 5A the operator will (1) report the footages from the section lines of the bottom of the completed interval (2) describe how the wellbore beyond the unit boundary setback is physically isolated and (3) certify that none of the wellbore beyond the setback was completed.
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017)
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	<ol> <li>Submit Form 42 electronically to COGCC 2 business days prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 2 business days spud notice for all subsequent wells drilled on the pad.</li> <li>Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log.</li> <li>Oil-based drilling fluid is to be used only after all aquifers are covered.</li> </ol>
6 COAs	

# **Best Management Practices**

No BMP/CO	<u> А Туре</u>	<u>Description</u>
1 Drilling/C Operation		Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.`
2 Drilling/C Operation		Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.`

3	Drilling/Completion	Operator acknowledges and will comply with COGCC policy for Bradenhead
	Operations	Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area
		dated May 29, 2012.`

Total: 3 comment(s)

#### **ATTACHMENT LIST**

Att Doc Num	<u>Name</u>
2168591	WELL LOCATION PLAT
403649220	FORM 2 SUBMITTED
403691064	DIRECTIONAL DATA
403691065	DEVIATED DRILLING PLAN
403691749	OffsetWellEvaluations Data
403762693	OFFSET WELL EVALUATION

Total Attach: 6 Files

# **General Comments**

User Group	Comment	Comment Date
Permit	Final Review Completed.	04/09/2024
Permit	Uploaded updated well location plat from operator	04/08/2024
OGLA	CPW Consultation occurred on 3/14/2024. This Location and its associated Form 2A materials was fully evaluated during the review of this APD in accordance with the current Rules. This APD complies with all Colorado ECMC Rules and Staff does not anticipate any significant potential direct adverse impacts to public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	03/20/2024
Permit	-Received consent from the operator for the following changes: 1.Adding the refile COA 2.Adding the drilling beyond the setback COA and comment 3.Adding a comment about the APD being a refile 4.Listing the nearest well in the same formation 5.Adding additional open hole logging COA -Passed Permit Review	03/20/2024
Permit	-Updated the BPZ depth as per directional drilling plan -Requesting the following from the operator:  1.Refile COA for built locations 2.Drilling beyond the setback COA and comment 3.APD refile comment 4.Listing the nearest well in the same formation/ unit	03/11/2024
Engineer	Offset Wells Evaluated.	03/08/2024

Total: 6 comment(s)

05/22

# State of Colorado

# Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

**APPLICATION FOR PERMIT TO** 





**Document Number:** 

403226259

Date Received:

11/11/2022

X Drill Deepen Re-enter Recomplete and Operate Amend							
Defile V							
TYPE OF WELL OIL X GAS COALBED OTHER:  Sidetrack							
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES							
Well Name:         BLEHM         Well Number:         3X-HNB-10-07-67							
Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operator Number: 10669							
Address: 44 COOK ST STE 705							
City: DENVER State: CO Zip: 80206							
Contact Name: ERIN LIND Phone: (303)2267375 Fax: ( )							
Email: erin.lind@nickelroadoperating.com							
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION							
COGCC Financial Assurance							
X The Operator has provided or will provide Financial Assurance to the COGCC for this Well.							
Surety ID Number (if applicable):20200034							
Federal Financial Assurance							
In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for this Well. (Per Rule702.a.)							
Amount of Federal Financial Assurance \$							
WELL LOCATION INFORMATION							
Surface Location							
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6							
FNL/FSL FEL/FWL							
Footage at Surface: 425 Feet FNL 656 Feet FEL							
Latitude: 40.594790 Longitude: -104.890990  GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 06/23/2020							
GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 06/23/2020  Ground Elevation: 5098							
Field Name: WATTENBERG Field Number: 90750							
Well Plan: is Directional X Horizontal (highly deviated) Vertical							
If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.  Subsurface Locations							
Top of Productive Zone (TPZ)							
Sec: 9 Twp: 7N Rng: 67W Footage at TPZ: 1716 FNL 460 FWL							
Measured Depth of TPZ: 9537  True Vertical Depth of TPZ: 6828  FEL/FWL							

Base of Pr	oductive	Zone (E	BPZ)									
	Sec:	10	Twp:	7N	Rng:	67W	Foota	ge at BPZ:	1716	FNL	460	FEL
	Measu	red Dep	oth of BPZ	Z: <u>1902</u>	22		True Vertical [	Depth of BPZ:	7004	FNL/FSL		FEL/FWL
Bottom Ho	le Locati	on (BHL	_)									
	Sec:	10	Twp:	7N	Rng:	67W	Foota	ge at BHL:	1716	FNL	460	FEL
	_									FNL/FSL		FEL/FWL
LOCAL G	OVER	NMEN	IT PERI	MITTIN	G INF	ORMAT	ION					
County: Wi						Municipa						
Is the Surfa	ice Locat	tion of th	his Well ir	n an area	– ı designa	ated as o	ne of State interes	st and subject	to the rec	  uirements o	of §	
24-65.1-108	8 C.R.S.	? No	)									
Per § 34-60 proposed O				e followir	ng quest	ions perta	ain to the Relevan	t Local Gover	nment ap	proval of the	e siting of t	he
							perators must included in the local government					
Does the Re	elevant L	ocal Go	vernmen	t regulate	e the siti	ng of Oil	and Gas Location	s, with respec	t to this L	ocation?	X Yes	No
X If yes, the sit	, in check	king this	s box, I he sed oil ar	ereby cer ad gas lo	tify that a	an applic	ation has been file	ed with the loc	al govern	ment with ju	risdiction	to approve
The disposit	tion of th	e applic	ation filed	d with the	Releva	nt Local (	Government is:	Approved	Date of	Final Dispo	sition:	10/15/2020
Comments:	1041	VOGLA	20-0076									
SURFAC		MINE	RAL O	WNERS	SHIP A	T WELI	L'S OIL & GAS					
Surface Ow	ner of the	e land a	nt this We	ll's Oil ar	nd Gas L	ocation:	X Fee	State	Federa	al 🔲 Ind	ian	
Mineral Owr	ner bene	ath this	Well's Oi	I and Ga	s Locati	on:	X Fee	State	Federa	al 🔲 Ind	ian	
Surface Ow	ner Prote	ection B	ond (if ap	plicable)	:			Sure	ty ID Num	ber (if appli	cable):	
MINEI WELL		DEVEL	OPED	BY								
The ownership of all the minerals that will be developed by this Well is (check all that apply):  X Fee  State Federal Indian N/A												
LEASE II	NFORM	OITAN	N									
Using standard QtrQtr, Section, Township, Range format describe one entire mineral lease as follows:  * If this Well is within a unit, describe a lease that will be developed by the Well.  * If this Well is not subject to a unit, describe the lease that will be produced by the Well.  (Attach a Lease Map or Lease Description or Lease if necessary.)												
PLEASE	SEE LE	ASE M	AP ON F	ILE								
Total Acres	s in Desc	ribed Le	ease:	2		Described	Mineral Lease is:	<b>X</b> Fee	St	ate Fe	ederal [	Indian
Federal or	State Le	ase#										

SAFETY SETBACK INFORMATION						
Distance from Well to ne	earest:		INSTRUCTIONS:			
	Building:	1083 Feet	- Specify all distances			
Bu		 1083 Feet		ince greater than 1 mile. uilding of any type. If nearest		
	ublic Road:	413 Feet	Building is a Building	Unit, enter same distance for		
Above Gro		382 Feet	both. - Building Unit – as de	efined in 100 Series Rules.		
7.5070 0.0		5280 Feet	Danama ome as a	eimed in 190 Series Rules.		
Pro	perty Line:	404 Feet				
OBJECTIVE FORM	MATIONS					
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)		
NIOBRARA	NBRR	407-3028	640	T7N R67W: Sec.9 & 10: N/2		
Federal or State Uni	it Name (if annl):		11	Init Number:		
	_			THE NUMBER.		
SUBSURFACE MIN SETBACKS	NERAL	Enter 5280 for dista	nce greater than 1 mile.			
SEIBACKS						
1 41 1 147 11 141 1	''O					
Is this Well within a un	it? Yes					
If YES:						
Enter the minim	um distance from tl	ne Completed Zone of this V	Vell to the Unit Boundary:	460 Feet		
Enter the minim	um distance from tl	ne Completed Zone of this V	Vell to the Completed Zone of a	in offset Well within the same		
unit permitted or	completed in the s	same formation: 175	Feet			
If NO:	•		-			
	diatanaa from tha	Completed Zone of this Wel	II to the Lease Line of the descri	ihad lagger		
		•				
		·	Il to the Completed Zone of an o	briset well producing from		
the same lease an	d permitted or com	pleted in the same formation	n: Feet			
<b>Exception Location</b>						
If this Well require	s the approval of a	Rule 401.c Exception Locat	tion, enter the Rule or spacing o	order number and attach the		
Exception Location	n Request and Wa	vers.				
SPACING & FORM	ATIONS COMM	MENTS				

DRILLING PROGRAM					
Proposed Total Measured Depth: 19022 Feet TVD at Proposed Total Measured Depth 7004 Feet					
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:					
Enter distance if less than or equal to 1,500 feet: Feet No well belonging to another operator within 1,500 feet					
Will a closed-loop drilling system be used? Yes					
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than					
or equal to 100 ppm? No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).					
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No					
Will salt sections be encountered during drilling? No					
Will salt based (>15,000 ppm Cl) drilling fluids be used? No					
Will oil based drilling fluids be used? Yes					
BOP Equipment Type: 🔀 Annular Preventor 😾 Double Ram 🔀 Rotating Head 📗 None					
Beneficial reuse or land application plan submitted?					
Reuse Facility ID: or Document Number:					
CASING PROGRAM					

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	16	NA	42	0	80	100	80	0
SURF	13+1/2	9+5/8	K-55	36	0	1500	415	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	19022	2460	19022	1000

Conductor Casing is NOT planned

# POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	Formation /Hazard	<u>Top</u> <u>M.D.</u>	<u>Top</u> <u>T.V.D.</u>	Bottom M.D.	Bottom T.V.D.	<u>TDS</u> (mg/L)	Data Source	Comment
Groundwater	Laramie-Fox Hills	0	0	139	139	1001-10000	Other	CSU - Domestic Water Analysis Report - Larry Moore Well - 176559
Groundwater	Upper Pierre	300	300	1314	1314	1001-10000	Other	Water Quality and the Presence and Origin of Methane in the Upper Pierre Aquifer in Northeastern Weld County, Morgan County and Logan County, Colorado COGCC Project Number 2141 October 2017
Confining Layer	Pierre Shale	1314	1314	4658	4110			
Hydrocarbon	Sussex	4658	4110	5349	4459			
Hydrocarbon	Shannon	5349	4459	5408	4488			
Confining Layer	Pierre Shale	5408	4488	9190	6725			
Hydrocarbon	Niobrara	9190	6725	19022	7004			Btm MD=TD, Btm TVD=TVD @ BHL

#### OPERATOR COMMENTS AND SUBMITTAL

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 3X-HNC-10-07-67. Distance measured in 3D anti-collision.

There are no other operator wells within 1500' of the treated interval of the proposed well. No offset well evaluation is provided. Distances measured in 2D map view.

This location has been built and contains 10 wells in PR status. The following changes from the previously approved Form 2 are being made via this refile:

- Updated distance to nearest Building and Building Unit

No other changes to this Form 2 are proposed at this time. Attachments have not been provided except as identified above as no changes are proposed.

This appli	ication is in a	Comprehensive Area Plan		CAP #:				
Oil and G	as Developm	ent Plan Name		OGDP ID#:				
Location I	ID: 47849	07						
I hereby	certify all stat	ements made in this form ar	e, to the best of m	ny knowledge, true,	correct, ar	nd complete.		
Signed:				Print Name: ER	IN LIND			
Title:	SR REGUL	ATORY ANALYST	Date:	11/11/2022	Email:	erin.lind@nickelro	adoperating.c	
Based on t		of use is required under Co on provided herein, this Appli y approved.		. , ,	`	,	rders, and	
COGCC A	approved:	Murpher	Dir	ector of COGCC	Date:	3/1/2023		
	API NU	MBER		Expira	tion Date:	02/28/2026	_	
05 1	23 51472	00						

# **Conditions Of Approval**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017).
Construction	If conductors are preset, operator shall comply with Rule 406.e.
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	<ol> <li>Submit Form 42 electronically to COGCC 48 hours prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 48 hour spud notice for all subsequent wells drilled on the pad.</li> <li>Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log.</li> <li>Oil-based drilling fluid is to be used only after all aquifers are covered.</li> </ol>
4 COAs	

# **Best Management Practices**

No.	BMP/COA Type	<u>Description</u>
1	Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.
2	Drilling/Completion Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.
3	Drilling/Completion Operations	Operator acknowledges and will comply with COGCC policy for Bradenhead Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area dated May 29, 2012.

Total: 3 comment(s)

No DMD/COA Turo

# **Attachment List**

Att Doc Num	<u>Name</u>
403226259	FORM 2 SUBMITTED

Total Attach: 1 Files

	General Comments	
User Group	Comment	Comment Date
Permit	Final Review Completed.	02/27/2023
OGLA	This Location and its associated materials was fully reviewed in the review of this APD. See Sundry doc #403275510 in Location #478497 file for additional information. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	02/23/2023
OGLA	ON HOLD: This application has been reviewed by COGCC staff and cannot be approved based on the information submitted; therefore, the COGCC is placing this form ON HOLD until additional information is received from the applicant.  In compliance with § 24-65.1-108(1), C.R.S., the COGCC is providing this written request for all additional information necessary for the COGCC to respond to this application. The applicant may provide all requested additional information to COGCC via email. Upon receipt of all requested information, the COGCC will have 60 days in which to approve, deny, or request all additional information necessary to complete the regulatory review. If the applicant no longer requires this application be approved, the applicant may request to withdraw the application.  In addition to all standard required information and attachments, the COGCC hereby confirms the following information is necessary for review:  1.) Sundry for the Location with updated Noise, Light, and Dust BMPs to demonstrate compliance with the Rules that are protective of nearby residential building units. Please provide a plan for Sound Monitoring for the Location. Please provide clarification as to whether oil based or water based drilling muds will be utilized, if oil based what group will	01/05/2023
Permit	be utilized.  Made the following changes with concurrence from the operator: - Selected NO for sidetrack under Well Name & Contact Info tab Revised Unit Configuration box to include Twp & Rng.	12/21/2022
	Permit Review Complete	
Permit	Emailed Operator for the following:  - Confirm Sidetrack is NO  - Confirm revising Unit Configuration box to include Twp & Rng.  - Form 2A distances are greater than reported distances to Building & Building Unit.  Advised operator to submit sundry to have Form 2A updated. Notified OGLA.	12/20/2022
OGLA	The Location and its associated Form 2A materials was fully reviewed during the review of this APD. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	12/13/2022
Engineer	Offset Wells re-Evaluated with this APD.	11/14/2022

Total: 7 comment(s)

FORM 2 Rev

05/22

# State of Colorado Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



**Document Number:** 

403649256

Date Received:

02/22/2024

#### **APPLICATION FOR PERMIT TO**

X   Drill   Deepen   Re-enter   Recomplete and Operate	Amend
TYPE OF WELL OIL X GAS COALBED OTHER:	Refile X
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES	Sidetrack
Well Name: BLEHM Well Number: 7W7NCM	
Name of Operator: NICKEL ROAD OPERATING LLC ECMC Operator N	lumber: 10669
Address: 3773 CHERRY CRK NORTH DR #670	
City: DENVER State: CO Zip: 80209	
Contact Name: ERIN LIND Phone: (303)226-7375 Fax: ( )	
Email: erin.lind@nickelroadoperating.com	
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION	
ECMC Financial Assurance	
X The Operator has provided or will provide Financial Assurance to the ECMC for this Well.	
Surety ID Number (if applicable):20230163	
Federal Financial Assurance	
In checking this box, the Operator certifies that it has provided or will provide at least this amount of Finfederal government for this Well. (Per Rule702.a.)	ancial Assurance to the
Amount of Federal Financial Assurance \$	
WELL LOCATION INFORMATION	
Surface Location	
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6	
FNL/FSL FEL/FWL	
Footage at Surface: 440 Feet FNL 656 Feet FEL	
Latitude: 40.594749 Longitude: -104.890992  GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of	Measurement: 11/14/2020
GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Ground Elevation: 5088	
Field Name: WATTENBERG Field Number: 90750	
Well Plan: is Directional X Horizontal (highly deviated) Vertical	
If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.	
Subsurface Locations	
Top of Productive Zone (TPZ)	
	FNL 460 FEL
Measured Depth of TPZ: 9208 True Vertical Depth of TPZ: 6998	L/FSL FEL/FWL

	oductive Zone	(BPZ)								
	Sec: 7	Twp:	7N	Rng:	67W	Footage at BPZ:	2150	FNL	460	FWL
	Measured De	pth of BPZ	Z: 1843	5		True Vertical Depth of BPZ:	6998	FNL/FSL		FEL/FWL
Bottom Hol	le Location (BH	IL)								
	Sec: 7	Twp:	7N	Rng:	67W	Footage at BHL:	2150	FNL	150	FWL
						_		FNL/FSL		FEL/FWL
LOCAL G	OVERNME	NT PERI	MITTIN	G INF	ORMATI	ON				
County: WE	ELD				Municipal	ity: N/A				
Is the Surfa	ace Location of	this Well ir	n an area	- designa	ated as on	e of State interest and subject	to the req	uirements o	of §	
24-65.1-108	8 C.R.S.? Y	es								
	-106(1)(f)(I)(A) oil and Gas Loca		e followin	g quest	ions perta	in to the Relevant Local Gover	nment ap	proval of the	siting of t	he
						erators must include proof that ocal government does not hav				
Does the Re	elevant Local G	overnmen	t regulate	the siti	ng of Oil a	nd Gas Locations, with respec	t to this L	ocation?	X Yes	No
X If yes, the sit	, in checking th	is box, I he osed oil ar	ereby cert nd gas loc	ify that ation.	an applica	tion has been filed with the loc	al govern	ment with ju	risdiction t	o approve
The disposit	tion of the appli	cation filed	d with the	Releva	nt Local G	overnment is: Approved	Date of	Final Dispo	sition:	09/03/2020
Comments:	1041WOGL	420-0076								
SURFAC		ERAL OV	WNERS	HIP A	T WELL	'S OIL & GAS				
Surface Ow	ner of the land	at this We	ll's Oil an	d Gas L	ocation:	X Fee State	Federa	ıl Indi	ian	
Mineral Owr	ner beneath thi	s Well's Oi	l and Gas	s Locati	on:	X Fee State	Federa	l Indi	ian	
Surface Ow	ner Protection	Bond (if ap	plicable):		-	Sure	ty ID Num	ber (if appli	cable):	
MINEI WELL	RALS DEVE	LOPED	BY							
**										
The owr	nership of all th  X Fee State Federal Indian N/A	e minerals	that will l	be deve	eloped by t	his Well is (check all that apply	<b>/</b> ):			
The owr	X Fee State Federal Indian		that will l	be deve	eloped by t	his Well is (check all that apply	<b>/</b> ):			
The own	X Fee State Federal Indian N/A NFORMATIO dard QtrQtr, Seell is within a ur	<b>DN</b> ection, Tow nit, describ t to a unit,	vnship, Ra e a lease describe	ange for that wil the lea:	rmat descr I be devel se that will	ibe one entire mineral lease as oped by the Well. be produced by the Well.				
The owr	State State Federal Indian N/A  NFORMATIO dard QtrQtr, Seell is within a urell is not subject	<b>DN</b> ection, Tow nit, describ- t to a unit, ease Desc	vnship, Ra e a lease describe	ange for that wil the lea:	rmat descr I be devel se that will	ibe one entire mineral lease as oped by the Well. be produced by the Well.				
The own	State State Federal Indian N/A  NFORMATION  dard QtrQtr, Seell is within a urell is not subjected.	ON ection, Townit, describit to a unit, ease Desc	vnship, Ra e a lease describe	ange fo that wi the leas Lease	rmat descr I be devel se that will f necessa	ibe one entire mineral lease as oped by the Well. be produced by the Well.	s follows:	ate Fe	ederal [	Indian

SAFETY SETBACK INFORMATION				
Distance from Well to ne	earest:		INSTRUCTIONS:	
	Building:	1115 Feet	- Specify all distances	
Bu		1122 Feet		nce greater than 1 mile. uilding of any type. If nearest
	ublic Road:	428 Feet	Building is a Building	Unit, enter same distance for
Above Gro		397 Feet	both. - Building Unit – as de	efined in 100 Series Rules.
7.5010 010		5280 Feet	Building Office as as	erinied iii 190 Series Naies.
Pro	perty Line:	419 Feet		
OBJECTIVE FORM	MATIONS			
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR	407-2769	1280	T7N R67W SEC.7&8:ALL
Federal or State Un	it Name (if appl):		U	nit Number:
SUBSURFACE MIN	IERAL	Enter 5280 for dista	nce greater than 1 mile.	
SETBACKS				
	um distance from th	ne Completed Zone of this V	Vell to the Unit Boundary:  Vell to the Completed Zone of a	460 Feet n offset Well within the same
	completed in the s	·	•	
	completed in the s		Feet	
If NO:				
		•	I to the Lease Line of the descri	
		•	I to the Completed Zone of an o	offset Well producing from
the same lease an	d permitted or com	pleted in the same formation	n: Feet	
<b>Exception Location</b>				
If this Well require	s the approval of a	Rule 401.c Exception Locat	tion, enter the Rule or spacing o	order number and attach the
	n Request and Wai	•		
•	•			
SPACING & FORM	ATIONS COMM	IENTS		

DRILLING PROGRAM
Proposed Total Measured Depth: 18745 Feet TVD at Proposed Total Measured Depth 6998 Feet
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet:1206 Feet
Will a closed-loop drilling system be used? Yes
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than
or equal to 100 ppm? No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No
Will salt sections be encountered during drilling?No
Will salt based (>15,000 ppm Cl) drilling fluids be used? No
Will oil based drilling fluids be used? Yes
BOP Equipment Type: 🗵 Annular Preventor 🗵 Double Ram 🗔 Rotating Head
Beneficial reuse or land application plan submitted? No
Reuse Facility ID: or Document Number:

#### **CASING PROGRAM**

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	<u>Setting</u> <u>Depth</u>	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	26	16	A52A	36.94	0	40	170	40	0
SURF	13+1/2	9+5/8	J55	36	0	1500	662	1500	0
1ST	8+1/2	5+1/2	EPP110	20	0	18745	2944	18745	1000

Conductor Casing is NOT planned

#### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> /Hazard	<u>Top</u> <u>M.D.</u>	<u>Top</u> T.V.D.	Bottom M.D.	Bottom T.V.D.		Data Source	Comment
Groundwater	FOX HILLS SANDSTONE	0	0	579	579	1001-10000	DWR	
Confining Layer	PIERRE SHALE	579	579	671	671			
Groundwater	UPIR/PAWNEE AQUIFER	671	671	1160	1160	1001-10000	Other	COGCC UPWQ STUDY
Confining Layer	PIERRE SHALE	1160	1160	3401	3401			
Hydrocarbon	PARKMAN	3401	3401	3707	3707			
Confining Layer	PIERRE SHALE	3707	3707	3991	3991			
Hydrocarbon	SUSSEX	3991	3991	4266	4266			
Confining Layer	PIERRE SHALE	4266	4266	4526	4526			
Hydrocarbon	SHANNON	4526	4526	4758	4758			
Confining Layer	PIERRE SHALE	4758	4758	8591	6738			
Subsurface Hazard	SHARON SPRINGS SHALE	8591	6738	8654	6783			LEAST COMPETENT SHALES
Hydrocarbon	NIOBRARA	8654	6783	18745	6998			NIOBRARA TARGET

#### OPERATOR COMMENTS AND SUBMITTAL

Comments

The following changes from the previously approved Form 2 are being made:

- Well name and number
- TPZ, BPZ & BHL footages
- · Nearest well in DSU and offset well distances
- · Casing / Cementing program
- PFZ Table data
- Revised Well Location Plat, Deviated Drilling Plan, Directional Data Template and Offset Well Evaluation are attached

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 8W7NAM (123-51465). Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured to the BLACK WILLOW 1 (AMERICAN PETROFINA / 05-123-09381 / PA). There are no other operator wells with a treated interval less 175' from the treated interval of the proposed well. Distance measured in 3D anti-collision.

This well has a bottom hole location beyond the unit boundary setback. The bottom of the completed interval will be within the unit boundary setback at 2150' FNL and 460' FWL of Section 7. The wellbore beyond the unit boundary setback will be physically isolated and will not be completed.

This location has been built and contains 10 wells in PR status.

This application is in a	Comprehensive Area Plan	No	CAP #:		
Oil and Gas Developn	nent Plan Name			OGDP ID#	- #:
ocation ID: 4784	97				
I hereby certify all sta	tements made in this form are, to	the best of m	ny knowledge,	true, correct, ar	nd complete.
Signed:			Print Name:	ERIN LIND	
Title: REG & EN	V MANAGER	Date:	2/22/2024	Email:	erin.lind@nickelroadoperating.c
operator must have a vater right or permit a www. Operator must a	lso use the water in the locatior	rwise an appl n set forth in t	lication for a c the water right	hange in type t decree or we	of use is required under Colorac Il permit, otherwise an applicatio
Operator must have a vater right or permit a aw. Operator must a or a change in place	allowing for industrial use, other lso use the water in the location of use is required under Colora on provided herein, this Application	rwise an appl n set forth in t ado law. Sect	lication for a c the water right ion 37-92-103	hange in type t decree or we 8(5), C.R.S. (20	of use is required under Colorac Il permit, otherwise an application 011).
Operator must have a vater right or permit a aw. Operator must a or a change in place ased on the informati B 19-181 and is here	allowing for industrial use, other lso use the water in the location of use is required under Colora on provided herein, this Application	rwise an appl n set forth in t ado law. Sect on for Permit-	lication for a c the water right ion 37-92-103	hange in type t decree or we 8(5), C.R.S. (20 es with ECMC F	of use is required under Colorac Il permit, otherwise an application 011).
Operator must have a vater right or permit a aw. Operator must a or a change in place ased on the informati B 19-181 and is here.	allowing for industrial use, other iso use the water in the location of use is required under Colora on provided herein, this Application approved.	rwise an appl n set forth in t ado law. Sect on for Permit-	lication for a can the water right ion 37-92-103 to-Drill complies	hange in type t decree or we 8(5), C.R.S. (20 es with ECMC F	of use is required under Colorac II permit, otherwise an application (2011).  Rules, applicable orders, and  4/21/2024

#### CONDITIONS OF APPROVAL, IF ANY LIST

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017)
Construction	If conductors are preset, operator shall comply with Notice to Operators: Procedures for Preset Conductors (dated September 1, 2016).
Drilling/Completion Operations	Operator will log three (3) additional wells during the second rig occupation with openhole resistivity log with gamma-ray log from the kick-off point into the surface casing for the stratigraphically deepest wells on each side of the pad for a total of four wells logged.
Drilling/Completion Operations	Operator will ensure the wellbore beyond the unit boundary setback is physically isolated and is not completed. In the Operator Comments on the Form 5A the operator will (1) report the footages from the section lines of the bottom of the completed interval (2) describe how the wellbore beyond the unit boundary setback is physically isolated and (3) certify that none of the wellbore beyond the setback was completed.
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	<ol> <li>Submit Form 42 electronically to COGCC 2 business days prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 2 business days spud notice for all subsequent wells drilled on the pad.</li> <li>Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log.</li> <li>Oil-based drilling fluid is to be used only after all aquifers are covered.</li> </ol>
6 COAs	1,

# **Best Management Practices**

No BMP/COA Type	<u>Description</u>
1 Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.`
2 Drilling/Completion Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.`

3	Drilling/Completion	Operator acknowledges and will comply with COGCC policy for Bradenhead
	Operations	Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area
		dated May 29, 2012.`

Total: 3 comment(s)

#### **ATTACHMENT LIST**

Att Doc Num	<u>Name</u>
2168593	WELL LOCATION PLAT
403649256	FORM 2 SUBMITTED
403691066	DIRECTIONAL DATA
403691067	DEVIATED DRILLING PLAN
403691772	OffsetWellEvaluations Data
403762697	OFFSET WELL EVALUATION

Total Attach: 6 Files

# **General Comments**

<u>User Group</u>	Comment	<b>Comment Date</b>
Permit	Final Review Completed.	04/09/2024
Permit	Uploaded updated well location plat	04/08/2024
OGLA	CPW Consultation occurred on 3/14/2024. This Location and its associated Form 2A materials was fully evaluated during the review of this APD in accordance with the current Rules. This APD complies with all Colorado ECMC Rules and Staff does not anticipate any significant potential direct adverse impacts to public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	03/20/2024
Permit	-Received consent from the operator for the following changes:  1.Adding the refile COA  2.Adding the drilling beyond the setback COA and comment  3.Adding a comment about the APD being a refile  4.Listing the nearest well in the same formation  5.Adding additional open hole logging COA  -Passed Permit Review	03/20/2024
Permit	-Corrected the depth of the TPZ as per the directional drilling plan Requesting the following from the operator:  1.Refile COA for built locations 2.Drilling beyond the setback COA and comment 3.APD refile comment 4.Listing the nearest well in the same formation/ unit	03/11/2024
Engineer	Offset Wells Evaluated.	03/08/2024

Total: 6 comment(s)

FORM 2 Rev

05/22

## State of Colorado

# Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

**APPLICATION FOR PERMIT TO** 





**Document Number:** 

403226405

Date Received:

11/11/2022

X Drill Deepen Re-enter Recomplete and Operate Amend
Defile V
TYPE OF WELL OIL X GAS COALBED OTHER:  Sidetrack
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES
Well Name: BLEHM Well Number: 4X-HNB-10-07-67
Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operator Number: 10669
Address: 44 COOK ST STE 705
City:         DENVER         State:         CO         Zip:         80206
Contact Name:         ERIN LIND         Phone:         (303)2267375         Fax:         (         )
Email: erin.lind@nickelroadoperating.com
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION
COGCC Financial Assurance
X The Operator has provided or will provide Financial Assurance to the COGCC for this Well.
Surety ID Number (if applicable):20200034
Federal Financial Assurance
In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for this Well. (Per Rule702.a.)
Amount of Federal Financial Assurance \$
WELL LOCATION INFORMATION
Surface Location
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6
FNL/FSL FEL/FWL
Footage at Surface: 455 Feet FNL 657 Feet FEL
Latitude: 40.594708 Longitude: -104.890996  GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 06/23/2020
Type of Gr3 Quality Value
Ground Elevation: 5098 Field Number: 00750
Field Name: WATTENBERG Field Number: 90750
Well Plan: is Directional X Horizontal (highly deviated) Vertical
If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.
Subsurface Locations
Top of Productive Zone (TPZ)
Sec: 9 Twp: 7N Rng: 67W Footage at TPZ: 2181 FNL 460 FWL
Measured Depth of TPZ: 9637 True Vertical Depth of TPZ: 6839

Base of Pr	roductive	Zone (I	BPZ)								
	Sec:	10	Twp:	7N	Rng:	67W	Footage at BPZ	<u>.</u> : 2181	FNL	460	FEL
	Measu	red Dep	oth of BP2	Z: 1912	26		True Vertical Depth of E	PZ: 7004	FNL/FSL		FEL/FWL
Bottom Ho	ole Locati	on (BHL	_)								
	Sec:	10	Twp:	7N	Rng:	67W	Footage at BHL	.: 2181	FNL	460	FEL
									FNL/FSL		FEL/FWL
LOCAL C	GOVER	NMEN	IT PER	MITTIN	G INF	ORMAT	ION				
County: W	'ELD					Municipa	ality: N/A				
Is the Surfa	ace Loca	tion of th	his Well in	n an area	– ı design	ated as o	ne of State interest and sub	ject to the re	equirements	of §	
24-65.1-10	8 C.R.S.	? No	)								
Per § 34-60 proposed C				e followir	ng quest	tions perta	ain to the Relevant Local G	overnment a	pproval of the	e siting of	the
							perators must include proof local government does not				
Does the R	elevant L	ocal Go	vernmen	t regulate	e the sit	ing of Oil	and Gas Locations, with re	spect to this	Location?	X Yes	No
X If yes the si	, in chec iting of th	king this	s box, I he sed oil ar	ereby cer nd gas lo	tify that cation.	an applica	ation has been filed with the	e local gover	nment with ju	urisdiction	to approve
The disposi	ition of th	e applic	ation file	d with the	Releva	ant Local (	Government is: Approved	Date o	of Final Dispo	osition:	10/15/2020
Comments:	: 1041\	NOGLA	20-0076								
SURFAC		MINE	RAL O	WNERS	SHIP A	T WELL	'S OIL & GAS				
Surface Ow	vner of th	e land a	nt this We	ll's Oil ar	nd Gas I	_ocation:	X Fee State	e Fede	ral Ind	lian	
Mineral Ow	ner bene	ath this	Well's O	I and Ga	s Locati	ion:	X Fee State	e Fede	ral Ind	lian	
Surface Ow	vner Prot	ection B	ond (if ap	plicable)	:			Surety ID Nu	mber (if appli	icable):	
MINE WELL		DEVEL	OPED	BY							
_	xnership o X Fee State Fedel Indian N/A	ral	e minerals	that will	be deve	eloped by	this Well is (check all that a	apply):			
	NEODI										
LEASE I	INFORI	OITAN	N								
Using stan	ndard Qtr 'ell is with 'ell is not	Qtr, Sec nin a uni subject	ction, Tow t, describ to a unit,	e a lease describe	that wi the lea	II be deve se that wi	cribe one entire mineral leas loped by the Well. Il be produced by the Well. ary.)	se as follows	:		
Using stan * If this W * If this W (Attach a L	ndard Qtr /ell is with /ell is not _ease Ma	Qtr, Sec nin a uni subject ap or Le	ction, Tow t, describ to a unit,	e a lease describe ription or	that wi the lea	II be deve se that wi	loped by the Well. Il be produced by the Well.	se as follows	:		
Using stan * If this W * If this W (Attach a L	ndard Qtr l'ell is with l'ell is not Lease Ma	Qtr, Sec nin a uni subject ap or Le	etion, Tow t, describ to a unit, ase Desc AP ON F	e a lease describe ription or	that wi the lea Lease	Il be deve se that wi if necessa	loped by the Well. Il be produced by the Well.			ederal [	Indian

SAFETY SETBACK INFORMATION				
Distance from Well to ne	arest:		INSTRUCTIONS:	
	Building:	1098 Feet	- Specify all distances	
Building Unit:		1098 Feet		ince greater than 1 mile. uilding of any type. If nearest
Public Road:		443 Feet		Unit, enter same distance for
Above Grou		412 Feet	both.	ofined in 100 Corine Bules
Above Grot	-		- Building Unit – as de	efined in 100 Series Rules.
_		5280 Feet		
Prop	erty Line:	434 Feet		
OBJECTIVE FORM	ATIONS			
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR	407-3028	640	T7N R67W: Sec.9 & 10: N/2
Federal or State Unit	Name (if appl):		U	nit Number:
SUBSURFACE MIN	ERAL	Enter 5280 for dista	nce greater than 1 mile.	
SETBACKS				
Enter the minimumunit permitted or If NO: Enter the minimum Enter the minimum the same lease and Exception Location	m distance from the distance f	Completed Zone of this Well Completed Zone of this Well completed Zone of this Well apleted in the same formation Rule 401.c Exception Locat ivers.	Vell to the Completed Zone of a Feet I to the Lease Line of the descri	ibed lease: Feet offset Well producing from

DRILLING PROGRAM
Proposed Total Measured Depth: 19126 Feet TVD at Proposed Total Measured Depth 7004 Feet
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet: Feet  X  No well belonging to another operator within 1,500 feet
Will a closed-loop drilling system be used? Yes
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than
or equal to 100 ppm?No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No
Will salt sections be encountered during drilling?No
Will salt based (>15,000 ppm CI) drilling fluids be used?No
Will oil based drilling fluids be used? Yes
BOP Equipment Type: 🗵 Annular Preventor 🗵 Double Ram 🗔 Rotating Head
Beneficial reuse or land application plan submitted?
Reuse Facility ID: or Document Number:
CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	<u>Setting</u> <u>Depth</u>	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	16	NA	42	0	80	100	80	0
SURF	13+1/2	9+5/8	K-55	36	0	1500	415	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	19126	2470	19126	1000

Conductor Casing is NOT planned

# POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> /Hazard	<u>Top</u> <u>M.D.</u>	<u>Top</u> <u>T.V.D</u>	Bottom M.D.	Bottom T.V.D	<u>TDS</u> (mg/L)	Data Source	Comment
Groundwater	Laramie-Fox Hills	0	0	139	139	1001-10000	Other	CSU - Domestic Water Analysis Report - Larry Moore Well - 176559
Groundwater	Upper Pierre	300	300	1314	1314	1001-10000	Other	Water Quality and the Presence and Origin of Methane in the Upper Pierre Aquifer in Northeastern Weld County, Morgan County and Logan County, Colorado COGCC Project Number 2141 October 2017
Confining Layer	Pierre Shale	1314	1314	4680	4121			
Hydrocarbon	Sussex	4680	4121	5377	4470			
Hydrocarbon	Shannon	5377	4470	5430	4499			
Confining Layer	Pierre Shale	5430	4499	9289	6736			
Hydrocarbon	Niobrara	9289	6736	19126	7004			Btm MD=TD, Btm TVD=TVD @ BHL

#### OPERATOR COMMENTS AND SUBMITTAL

Comments

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 4X-HNC-10-07-67. Distance measured in 3D anti-collision.

There are no other operator wells within 1500' of the treated interval of the proposed well. No offset well evaluation is provided. Distances measured in 2D map view.

This location has been built and contains 10 wells in PR status. The following changes from the previously approved Form 2 are being made via this refile:

- Updated distance to nearest Building and Building Unit

No other changes to this Form 2 are proposed at this time. Attachments have not been provided except as identified above as no changes are proposed.

This applic	cation is in a Comprehensive	e Area Plan	CAP #: _		_	
Oil and Ga	as Development Plan Name			OGDP ID:	<b>#</b> :	
Location II	D: 478497					
I hereby o	ertify all statements made in	n this form are, to the best	of my knowledge, tru	ue, correct, a	nd complete.	
Signed:			Print Name: E	RIN LIND		
Title:	SR REGULATORY ANALY	YST Date	: 11/11/2022	Email:	erin.lind@nickelro	adoperating.c
water righ law. Opera for a chan Based on the	must have a valid water rig t or permit allowing for indi- ator must also use the wat ge in place of use is requin he information provided here	ustrial use, otherwise an a er in the location set forth red under Colorado law. S	application for a cha in the water right d Section 37-92-103(5	ange in type lecree or we 5), C.R.S. (20	of use is required u Il permit, otherwise 011).	inder Colorado an application
SB 19-181	and is hereby approved.	/				
COGCC Ap	oproved:		Director of COGCO	Date:	3/1/2023	
	API NUMBER		Exp	iration Date:	02/28/2026	_
05 12	23 51465 00					

# **Conditions Of Approval**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017).
Construction	If conductors are preset, operator shall comply with Rule 406.e.
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	<ol> <li>Submit Form 42 electronically to COGCC 48 hours prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 48 hour spud notice for all subsequent wells drilled on the pad.</li> <li>Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log.</li> <li>Oil-based drilling fluid is to be used only after all aquifers are covered.</li> </ol>
4 COAs	

# **Best Management Practices**

No.	BMP/COA Type	<u>Description</u>
1	Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.
2	Prilling/Completion Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.
3	Drilling/Completion Operations	Operator acknowledges and will comply with COGCC policy for Bradenhead Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area dated May 29, 2012.

Total: 3 comment(s)

# **Attachment List**

Att Doc Num	<u>Name</u>
403226405	FORM 2 SUBMITTED

Total Attach: 1 Files

	General Comments						
User Group	Comment	Comment Date					
Permit	Final Review Completed.	02/27/2023					
OGLA	This Location and its associated materials was fully reviewed in the review of this APD. See Sundry doc #403275510 in Location #478497 file for additional information. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	02/23/2023					
OGLA	ON HOLD: This application has been reviewed by COGCC staff and cannot be approved based on the information submitted; therefore, the COGCC is placing this form ON HOLD until additional information is received from the applicant.  In compliance with § 24-65.1-108(1), C.R.S., the COGCC is providing this written request for all additional information necessary for the COGCC to respond to this application. The applicant may provide all requested additional information to COGCC via email. Upon receipt of all requested information, the COGCC will have 60 days in which to approve, deny, or request all additional information necessary to complete the regulatory review. If the applicant no longer requires this application be approved, the applicant may request to withdraw the application.  In addition to all standard required information and attachments, the COGCC hereby confirms the following information is necessary for review:  1.) Sundry for the Location with updated Noise, Light, and Dust BMPs to demonstrate compliance with the Rules that are protective of nearby residential building units. Please provide a plan for Sound Monitoring for the Location. Please provide clarification as to	01/05/2023					
	whether oil based or water based drilling muds will be utilized, if oil based what group will be utilized.						
Permit	Made the following changes with concurrence from the operator: - Selected NO for sidetrack under Well Name & Contact Info tab Revised Unit Configuration box to include Twp & Rng.	12/21/2022					
Permit	Permit Review Complete  Emailed Operator for the following: - Confirm Sidetrack is NO - Confirm revising Unit Configuration box to include Twp & Rng Form 2A distances are greater than reported distances to Building & Building Unit. Advised operator to submit sundry to have Form 2A updated. Notified OGLA.	12/20/2022					
OGLA	The Location and its associated Form 2A materials was fully reviewed during the review of this APD. This APD complies with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	12/13/2022					
Engineer	Offset Wells re-Evaluated with this APD.	11/14/2022					

Total: 7 comment(s)

FORM 2 Rev

05/22

# State of Colorado Energy & Carbon Management Commission



**Document Number:** 

403649332

Date Received:

02/22/2024

#### **APPLICATION FOR PERMIT TO**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

X   Drill   Deepen   Re-enter   Recomplete and Operate   Amend
TYPE OF WELL OIL X GAS COALBED OTHER:
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES Sidetrack
Well Name:         BLEHM         Well Number:         9W7NBM
Name of Operator: NICKEL ROAD OPERATING LLC ECMC Operator Number: 10669
Address: 3773 CHERRY CRK NORTH DR #670
City:          State:          Zip:          80209
Contact Name: ERIN LIND Phone: (303)226-7375 Fax: ( )
Email: erin.lind@nickelroadoperating.com
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION
ECMC Financial Assurance
The Operator has provided or will provide Financial Assurance to the ECMC for this Well.
Surety ID Number (if applicable):20230163
Federal Financial Assurance
In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for this Well. (Per Rule702.a.)
Amount of Federal Financial Assurance \$
WELL LOCATION INFORMATION
Surface Location
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6
FNL/FSL FEL/FWL
Footage at Surface: 470 Feet FNL 658 Feet FEL
Latitude: 40.594666 Longitude: -104.891000  GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 11/14/2020
Type of dr3 Quality value. 1501 Sales of model o
Ground Elevation:5088 Field Number: 90750
Well Plan: is Directional X Horizontal (highly deviated) Vertical
If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.
Subsurface Locations
Top of Productive Zone (TPZ)
Sec:         8         Twp:         7N         Rng:         67W         Footage at TPZ:         2296         FSL         460         FEL
Measured Depth of TPZ: 9399 True Vertical Depth of TPZ: 6918 FNL/FSL FEL/FWL

Base of Productive Zor	ie (BPZ)									
Sec: 7	Twp:	7N	Rng:	67W	Footage a	at BPZ:	2350	FSL	460	FWL
Measured	 Depth of BPZ	ː: 18618	8		True Vertical Dep	th of BPZ	: 6918	FNL/FSL		FEL/FWL
Bottom Hole Location (	BHL)									
Sec: 7	Twp:	7N	Rng:	67W	Footage a	at BHL:	2350	FSL	150	FWL
						_		FNL/FSL		FEL/FWL
LOCAL GOVERNM	ENT PERM	MITTING	G INF	ORMAT	TON					
County: WELD				Municipa	ality: N/A					
Is the Surface Location	of this Well in	an area	– designa	ated as o	ne of State interest a	nd subjec	t to the req	— <sub>l</sub> uirements o	f §	
24-65.1-108 C.R.S.?	Yes									
Per § 34-60-106(1)(f)(l)( proposed Oil and Gas Lo	,	e following	g quest	ions perta	ain to the Relevant Lo	ocal Gove	rnment ap	proval of the	siting of t	he
SB 19-181 provides that permit and the dispositio (A) C.R.S.										
Does the Relevant Loca	Government	t regulate	the siti	ng of Oil	and Gas Locations, v	vith respe	ct to this L	ocation?	X Yes	No
If yes, in checking the siting of the pro	this box, I he	reby certi d gas loc	ify that a	an applic	ation has been filed v	vith the lo	cal govern	ment with ju	risdiction t	o approve
The disposition of the ap	plication filed	I with the	Releva	nt Local (	Government is: App	oroved	Date of	Final Dispo	sition:	09/03/2020
Comments: 1041WO	GLA20-0076									
SURFACE AND MI LOCATION	NERAL OV	VNERS	HIP A	T WELI	L'S OIL & GAS					
Surface Owner of the lar	nd at this Well	l's Oil and	d Gas L	ocation:	X Fee	State	Federa	al Indi	an	
Mineral Owner beneath	this Well's Oil	and Gas	s Locati	on:	X Fee	State	Federa	al 🔲 Indi	an	
Surface Owner Protection	n Bond (if ap	plicable):				Sure	ety ID Num	ber (if applic	cable):	
MINERALS DE\ WELL	ÆLOPED I	BY								
The ownership of all  X Fee  State Federal Indian N/A	the minerals	that will b	be deve	eloped by	this Well is (check al	I that app	ly):			
LEASE INFORMAT	TION									
Using standard QtrQtr, * If this Well is within a * If this Well is not subj (Attach a Lease Map or	unit, describe ect to a unit, o	e a lease describe	that wil	ll be deve se that wi	eloped by the Well. ill be produced by the		as follows:			
SEE LEASE MAP OF										
SEE LEASE MAP OF Total Acres in Describe	N FILE	142		Described	I Mineral Lease is:	<b>X</b> Fee	St	ate  Fe	ederal [	Indian

SAFETY SETBACK INFORMATION				
Distance from Well to nea	arest:		INSTRUCTIONS:	
		1135 Feet	- Specify all distances	
Bui		1139 Feet		unce greater than 1 mile. uilding of any type. If nearest
	blic Road:	458 Feet	Building is a Building	Unit, enter same distance for
Above Grou		427 Feet	both Building Unit – as d	efined in 100 Series Rules.
7.5000 0100		5280 Feet	building office as a	erinea in 100 Series Raies.
Prop	perty Line:	449 Feet		
OBJECTIVE FORM	ATIONS			
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR	407-2769	1280	T7N R67W SEC.7&8:ALL
Federal or State Unit	Name (if appl):		<u> </u>	Init Number:
SUBSURFACE MIN SETBACKS	-	Enter 5280 for dista	nce greater than 1 mile.	
Enter the minimu unit permitted or If NO:	m distance from t	same formation: 334	Vell to the Unit Boundary:  Vell to the Completed Zone of a  Feet  I to the Lease Line of the descr	
		•	I to the Completed Zone of an	
		npleted in the same formation	•	
Exception Location				
If this Well requires  Exception Location		·	tion, enter the Rule or spacing o	order number and attach the
SPACING & FORMA	ATIONS COMM	MENTS		
If this Well requires  Exception Location	Request and Wa	ivers.	tion, enter the Rule or spacing of	order number and attach the

DRILLING PROGRAM
Proposed Total Measured Depth: 18928 Feet TVD at Proposed Total Measured Depth 6918 Feet
Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet: 360 Feet No well belonging to another operator within 1,500 feet
Will a closed-loop drilling system be used? Yes
Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than
or equal to 100 ppm? No If yes, attach an H2S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well?  No
Will salt sections be encountered during drilling?No
Will salt based (>15,000 ppm Cl) drilling fluids be used? No
Will oil based drilling fluids be used? Yes
BOP Equipment Type: 🗵 Annular Preventor 🗵 Double Ram 🗔 Rotating Head
Beneficial reuse or land application plan submitted? No
Reuse Facility ID: or Document Number:

#### **CASING PROGRAM**

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	26	16	A52A	36.94	0	40	170	40	0
SURF	13+1/2	9+5/8	J55	36	0	1500	662	1500	0
1ST	8+1/2	5+1/2	EPP110	20	0	18928	2972	18928	1000

Conductor Casing is NOT planned

#### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> /Hazard	<u>Top</u> <u>M.D.</u>	<u>Top</u> T.V.D.	Bottom M.D.	Bottom T.V.D.		Data Source	Comment
Groundwater	FOX HILLS SANDSTONE	0	0	579	579	1001-10000	DWR	
Confining Layer	PIERRE SHALE	579	579	671	671			
Groundwater	UPIR/PAWNEE AQUIFER	671	671	1160	1160	1001-10000	Other	COGCC UPWQ STUDY
Confining Layer	PIERRE SHALE	1160	1160	3401	3401			
Hydrocarbon	PARKMAN	3401	3401	3707	3707			
Confining Layer	PIERRE SHALE	3707	3707	3991	3991			
Hydrocarbon	SUSSEX	3991	3991	4266	4266			
Confining Layer	PIERRE SHALE	4266	4266	4526	4526			
Hydrocarbon	SHANNON	4526	4526	4758	4758			
Confining Layer	PIERRE SHALE	4758	4758	8880	6740			
Subsurface Hazard	SHARON SPRINGS SHALE	8880	6740	8959	6788			LEAST COMPETENT SHALES
Hydrocarbon	NIOBRARA	8959	6788	18928	6918			NIOBRARA TARGET

#### **OPERATOR COMMENTS AND SUBMITTAL**

Comments

The following changes from the previously approved Form 2 are being made:

- Well name and number
- TPZ, BPZ & BHL footages
- · Nearest well in DSU and offset well distances
- · Casing / Cementing program
- PFZ Table data
- Revised Well Location Plat, Deviated Drilling Plan, Directional Data Template and Offset Well Evaluation are attached

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 10W7NCM (123-51527). Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured to the BLACK WILLOW 1 (AMERICAN PETROFINA / 05-123-09381 / PA). There are no other operator wells with a treated interval less 175' from the treated interval of the proposed well. Distance measured in 3D anti-collision.

This well has a bottom hole location beyond the unit boundary setback. The bottom of the completed interval will be within the unit boundary setback at 2350' FSL and 460' FWL of Section 7. The wellbore beyond the unit boundary setback will be physically isolated and will not be completed.

This location has been built and contains 10 wells in PR status.

This application is in a Comprehensive Area Plan	No	CAP #:		_
Dil and Gas Development Plan Name			OGDP ID	- #:
Location ID:478497				
I hereby certify all statements made in this form are, to	o the best of m	ny knowledge, t	true, correct, ar	nd complete.
Signed:		Print Name:	ERIN LIND	
Title: REG & ENV MANAGER	Date:	2/22/2024	Email:	erin.lind@nickelroadoperating.c
vater right or permit allowing for industrial use, othe	rwise an appl	lication for a cl	hange in type	of use is required under Colorad
Operator must have a valid water right or permit allowater right or permit allowing for industrial use, othe aw. Operator must also use the water in the location or a change in place of use is required under Colora ased on the information provided herein, this Applicati B 19-181 and is hereby approved.	rwise an appl n set forth in t ado law. Sect	lication for a cl the water right ion 37-92-103	hange in type decree or we (5), C.R.S. (20	of use is required under Colorad Il permit, otherwise an application 011).
vater right or permit allowing for industrial use, othe aw. Operator must also use the water in the location or a change in place of use is required under Colora ased on the information provided herein, this Application	rwise an appl n set forth in t ado law. Sect ion for Permit-	lication for a cl the water right ion 37-92-103	hange in type decree or we (5), C.R.S. (20 es with ECMC F	of use is required under Colorad Il permit, otherwise an application 011).
vater right or permit allowing for industrial use, othe aw. Operator must also use the water in the location or a change in place of use is required under Colora ased on the information provided herein, this Applicati B 19-181 and is hereby approved.	rwise an appl n set forth in t ado law. Sect ion for Permit-	lication for a classification for a classification and classification are classificated as a classification and classification for a cl	hange in type decree or we (5), C.R.S. (20 es with ECMC F	of use is required under Colorad II permit, otherwise an application 011).  Rules, applicable orders, and  4/21/2024

#### **CONDITIONS OF APPROVAL, IF ANY LIST**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Construction	If conductors are preset, operator shall comply with Notice to Operators: Procedures for Preset Conductors (dated September 1, 2016).
Drilling/Completion Operations	Operator will log three (3) additional wells during the second rig occupation with openhole resistivity log with gamma-ray log from the kick-off point into the surface casing for the stratigraphically deepest wells on each side of the pad for a total of four wells logged.
Drilling/Completion Operations	Operator will ensure the wellbore beyond the unit boundary setback is physically isolated and is not completed. In the Operator Comments on the Form 5A the operator will (1) report the footages from the section lines of the bottom of the completed interval (2) describe how the wellbore beyond the unit boundary setback is physically isolated and (3) certify that none of the wellbore beyond the setback was completed.
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017)
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed must contact completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	<ol> <li>Submit Form 42 electronically to COGCC 2 business days prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 2 business days spud notice for all subsequent wells drilled on the pad.</li> <li>Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log.</li> <li>Oil-based drilling fluid is to be used only after all aquifers are covered.</li> </ol>
6 COAs	

# **Best Management Practices**

No BMP/COA Type	<u>Description</u>
1 Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.`
2 Drilling/Completion Operations	Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.`

3	Drilling/Completion	Operator acknowledges and will comply with COGCC policy for Bradenhead
	Operations	Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area
		dated May 29, 2012.`

Total: 3 comment(s)

#### **ATTACHMENT LIST**

Att Doc Num	<u>Name</u>
2168595	WELL LOCATION PLAT
403649332	FORM 2 SUBMITTED
403691068	DIRECTIONAL DATA
403691069	DEVIATED DRILLING PLAN
403691776	OffsetWellEvaluations Data
403762705	OFFSET WELL EVALUATION

Total Attach: 6 Files

# **General Comments**

<u>User Group</u>	Comment	<b>Comment Date</b>
Permit	Final Review Completed.	04/09/2024
Permit	Uploaded updated well location plat from the operator	04/08/2024
OGLA	CPW Consultation occurred on 3/14/2024. This Location and its associated Form 2A materials was fully evaluated during the review of this APD in accordance with the current Rules. This APD complies with all Colorado ECMC Rules and Staff does not anticipate any significant potential direct adverse impacts to public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	03/20/2024
Permit	-Received consent from the operator for the following changes: 1.Adding the refile COA 2.Adding the drilling beyond the setback COA and comment 3.Adding a comment about the APD being a refile 4.Listing the nearest well in the same formation 5.Adding additional open hole logging COA -Passed Permit Review	03/20/2024
Permit	Requesting the following from the operator:  1.Refile COA for built locations  2.Drilling beyond the setback COA and comment  3.APD refile comment  4.Listing the nearest well in the same formation/ unit	03/11/2024
Engineer	Offset Wells Evaluated.	03/08/2024

Total: 6 comment(s)

FORM 2 Rev

05/22

# State of Colorado Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

403649432

Date Received:

02/22/2024

#### **APPLICATION FOR PERMIT TO**

X Drill	Amend
TYPE OF WELL OIL X GAS COALBED OTHER:	Refile X
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES	Sidetrack
Well Name: BLEHM Well Number: 10W7NCM	
Name of Operator: NICKEL ROAD OPERATING LLC ECMC Operator	Number: 10669
Address: 3773 CHERRY CRK NORTH DR #670	
City: DENVER State: CO Zip: 80209	
Contact Name: ERIN LIND Phone: (303)226-7375 Fax: ( )	_
Email: erin.lind@nickelroadoperating.com	
FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION	<u> </u>
ECMC Financial Assurance	
X The Operator has provided or will provide Financial Assurance to the ECMC for this Well.	
Surety ID Number (if applicable):20230163	
Federal Financial Assurance	
In checking this box, the Operator certifies that it has provided or will provide at least this amount of File federal government for this Well. (Per Rule702.a.)	nancial Assurance to the
Amount of Federal Financial Assurance \$	
WELL LOCATION INFORMATION	
Surface Location	
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6	
FNL/FSL FEL/FWL	
Footage at Surface: 485 Feet FNL 659 Feet FEL	
Latitude: 40.594625 Longitude: -104.891003  GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: PDQP Date of GPS Quality Value: PDQP	of Measurement: 11/14/2020
GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: PDOP Date of GPS Quality Value: 100 Date of GPS Data: Date of GPS Date of GPS Date of GPS Date: Date of GPS Data: Date of GPS Date: Date of GPS Date: Date of GPS Date: Date of GPS Date:	11/14/2020
Field Name: WATTENBERG Field Number: 90750	
Well Plan: is Directional X Horizontal (highly deviated) Vertical	
If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.	
Subsurface Locations	
Top of Productive Zone (TPZ)	
Sec: 8 Twp: 7N Rng: 67W Footage at TPZ: 1891	FSL 460 FEL
Measured Depth of TPZ: 9595 True Vertical Depth of TPZ: 6998	NL/FSL FEL/FWL

Base of Pro	oductive	Zone (E	BPZ)									
	Sec:	7	Twp:	7N	Rng:	67W	Foota	ige at BPZ:	2025	FSL	460	_ FWL_
	Measu	red Dep	th of BPZ	Z: <u>1881</u>	15		True Vertical I	Depth of BPZ:	6998	FNL/FSL		FEL/FWL
Bottom Hol	e Locati	on (BHL	.)									
	Sec:	7	Twp:	7N	Rng:	67W	Foota	ge at BHL:	2025	FSL	150	FWL
										FNL/FSL		FEL/FWL
LOCAL G	OVER	NMEN	IT PERI	MITTIN	G INFO	DRMAT	ION					
County: WE	ELD					Municipa	ality: N/A					
Is the Surfa	ce Locat	tion of th	nis Well ir	n an area	— a designa	ated as o	ne of State intere	st and subject	to the rec	uirements o	of §	
24-65.1-108	3 C.R.S.	? Yes	S									
Per § 34-60- proposed Oi				e followir	ng quest	ions perta	ain to the Relevar	nt Local Gover	nment ap	proval of the	e siting of t	he
							perators must incl local governmen					
Does the Re	elevant L	ocal Go	vernmen	t regulate	e the siti	ng of Oil	and Gas Locatior	ns, with respec	ct to this L	ocation?	X Yes	☐ No
X If yes, the sit	in checl	king this e propos	box, I he sed oil ar	ereby cer ad gas lo	tify that a	an applica	ation has been file	ed with the loc	cal govern	ment with ju	risdiction t	o approve
The disposit	ion of th	e applic	ation filed	d with the	e Releva	nt Local (	Government is:	Approved	Date of	Final Dispo	sition:	09/03/2020
Comments:	1041	VOGLA	20-0076									
SURFAC		MINE	RAL O\	WNERS	SHIP A	T WELL	'S OIL & GAS	3				
Surface Owi	ner of th	e land a	t this We	ll's Oil ar	nd Gas L	ocation:	X Fee	State	Federa	al 🗌 Ind	ian	
Mineral Owr	ner bene	ath this	Well's Oi	I and Ga	s Location	on:	X Fee	State	Federa	al 🔲 Ind	ian	
Surface Owi	ner Prote	ection B	ond (if ap	plicable)	):			Sure	ty ID Num	ber (if appli	cable):	
MINER WELL		DEVEL	OPED	BY								
_	nership o Fee State Feder Indian	al	minerals	that will	be deve	loped by	this Well is (chec	k all that appl	y):			
LEASE II	VFORM	OITAN	N									
* If this We	ell is with ell is not	in a unit subject	t, describ to a unit,	e a lease describe	that will the leas	I be deve se that wi	cribe one entire m loped by the Wel II be produced by ary.)	l.	s follows:			
SEE LEA	ASE MAI	ON FI	LE									
Total Acres	s in Desc	ribed Le	ease:	142	_ [	escribed	Mineral Lease is	: X Fee	St	ate E	ederal	Indian
Federal or	State Le	ase#										

SAFETY SETBACK INFORMATION				
Distance from Well to near	est:		INSTRUCTIONS:	
E	Building:	1183 Feet		es per Rule 308.b.(1).
		1183 Feet		ance greater than 1 mile. puilding of any type. If nearest
	ic Road:	473 Feet	Building is a Building	g Unit, enter same distance for
Above Groun		442 Feet	both.	defined in 100 Series Rules.
			- Building Offit – as t	defined in 100 Series Rules.
		5280 Feet		
	rty Line:	464 Feet		
OBJECTIVE FORMA	TIONS			
	ormation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	IBRR	407-2769	1280	T7N R67W SEC.7&8:ALL
Federal or State Unit N	lame (if annl):		<u> </u>	
SUBSURFACE MINE		Finter F200 for dista		
SETBACKS	RAL	Enter 5280 for dista	nce greater than 1 mile.	
Enter the minimum unit permitted or could be seen that the minimum dispersion of the minimum dis	distance from to completed in the stance from the	same formation: 334  Completed Zone of this Wel	Vell to the Unit Boundary:  Vell to the Completed Zone of a Feet  I to the Lease Line of the description to the Completed Zone of an	ribed lease:Feet
the same lease and p	permitted or com	npleted in the same formation	n: Feet	
Exception Location  If this Well requires the Exception Location For Spacing & FORMAT	Request and Wa	ivers.	tion, enter the Rule or spacing	order number and attach the

DRILLING PROGRAM	
Proposed Total Measured Depth: 19125 Feet TVD	at Proposed Total Measured Depth 6998 Feet
Distance from the proposed wellbore to nearest existing or proposed we	ellbore belonging to another operator, including plugged wells:
Enter distance if less than or equal to 1,500 feet: 20 Feet	No well belonging to another operator within 1,500 feet
Will a closed-loop drilling system be used? Yes	
Is H2S gas reasonably expected to be encountered during drilling opera	ations at concentrations greater than
or equal to 100 ppm? No If yes, attach an H2S Drilling Plan unless	s a plan was already submitted with the Form 2A per Rule 304.c.(10).
Will there be hydraulic fracture treatment at a depth less than 2,000 feet	t in this well? No
Will salt sections be encountered during drilling?No	
Will salt based (>15,000 ppm Cl) drilling fluids be used?No	
Will oil based drilling fluids be used? Yes	
BOP Equipment Type:  X  Annular Preventor  X  Double Ram	Rotating Head None
Beneficial reuse or land application plan submitted? No	
Reuse Facility ID: or Document Number:	

#### **CASING PROGRAM**

Casing Type	Size of Hole	Size of Casing	<u>Grade</u>	Wt/Ft	Csg/Liner Top	<u>Setting</u> <u>Depth</u>	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	26	16	A52A	36.94	0	40	170	40	0
SURF	13+1/2	9+5/8	J55	36	0	1500	662	1500	0
1ST	8+1/2	5+1/2	EPP110	20	0	19125	3003	19125	1000

Conductor Casing is NOT planned

#### POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	<u>Formation</u> /Hazard	<u>Top</u> <u>M.D.</u>	<u>Top</u> T.V.D.	Bottom M.D.	Bottom T.V.D.		Data Source	Comment
Groundwater	FOX HILLS SANDSTONE	0	0	579	579	1001-10000	DWR	
Confining Layer	PIERRE SHALE	579	579	671	671			
Groundwater	UPIR/PAWNEE AQUIFER	671	671	1160	1160	1001-10000	Other	COGCC UPWQ STUDY
Confining Layer	PIERRE SHALE	1160	1160	3401	3401			
Hydrocarbon	PARKMAN	3401	3401	3707	3707			
Confining Layer	PIERRE SHALE	3707	3707	3991	3991			
Hydrocarbon	SUSSEX	3991	3991	4266	4266			
Confining Layer	PIERRE SHALE	4266	4266	4526	4526			
Hydrocarbon	SHANNON	4526	4526	4758	4758			
Confining Layer	PIERRE SHALE	4758	4758	8949	6743			
Subsurface Hazard	SHARON SPRINGS SHALE	8949	6743	9025	6793			LEAST COMPETENT SHALES
Hydrocarbon	NIOBRARA	9025	6793	19125	6998			NIOBRARA TARGET

#### OPERATOR COMMENTS AND SUBMITTAL

Comments

The following changes from the previously approved Form 2 are being made:

- Well name and number
- TPZ, BPZ & BHL footages
- · Nearest well in DSU and offset well distances
- · Casing / Cementing program
- PFZ Table data
- Revised Well Location Plat, Deviated Drilling Plan, Directional Data Template and Offset Well Evaluation are attached

Distance from completed portion to nearest completed portion of wellbore permitted/completed in the same formation and subject to the proposed spacing order measured to the proposed Blehm 9W7NBM (123-51529). Distance measured in 3D anti-collision.

Distance to nearest wellbore belonging to another operator measured to the BLACK WILLOW 1 (AMERICAN PETROFINA / 05-123-09381 / PA). There are no other operator wells with a treated interval less 175' from the treated interval of the proposed well. Distance measured in 3D anti-collision.

This well has a bottom hole location beyond the unit boundary setback. The bottom of the completed interval will be within the unit boundary setback at 2025' FSL and 460' FWL of Section 7. The wellbore beyond the unit boundary setback will be physically isolated and will not be completed.

This location has been built and contains 10 wells in PR status.

his application is in a	Comprehensive Area Plan	No	CAP #:		_
Oil and Gas Developm	nent Plan Name			OGDP ID	#:
ocation ID: 4784	97				
hereby certify all sta	tements made in this form are, to the	he best of n	ny knowledge, t	true, correct, ar	nd complete.
Signed:			Print Name:	ERIN LIND	
Title: REG & EN	V MANAGER	Date:	2/22/2024	Email:	erin.lind@nickelroadoperating.c
perator must have a ater right or permit a w. Operator must a	a valid water right or permit allow allowing for industrial use, otherw so use the water in the location s	vise an app set forth in	lication for a cl the water right	hange in type decree or we	of use is required under Colora II permit, otherwise an application
perator must have a ater right or permit a w. Operator must al or a change in place	a valid water right or permit allow allowing for industrial use, otherw so use the water in the location s of use is required under Colorad on provided herein, this Application	vise an app set forth in lo law. Sec	lication for a cl the water right tion 37-92-103	hange in type decree or we (5), C.R.S. (20	of use is required under Colora Il permit, otherwise an application 011).
Operator must have a vater right or permit a www. Operator must al or a change in place	a valid water right or permit allow allowing for industrial use, otherw so use the water in the location s of use is required under Colorad on provided herein, this Application	vise an app set forth in lo law. Sec	lication for a cl the water right tion 37-92-103	hange in type decree or we (5), C.R.S. (20 es with ECMC F	of use is required under Colora Il permit, otherwise an application 011).
Operator must have a vater right or permit a law. Operator must alor a change in place ased on the information and is here!	a valid water right or permit allow allowing for industrial use, otherwas use the water in the location so use is required under Colorad on provided herein, this Application by approved.	vise an app set forth in lo law. Sec	lication for a cl the water right tion 37-92-103 to-Drill complie	hange in type decree or we (5), C.R.S. (20 es with ECMC F	of use is required under Colorall permit, otherwise an application of the permit of th

#### **CONDITIONS OF APPROVAL, IF ANY LIST**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type	<u>Description</u>
Construction	If conductors are preset, operator shall comply with Notice to Operators: Procedures for Preset Conductors (dated September 1, 2016).
Drilling/Completion Operations	Operator will log three (3) additional wells during the second rig occupation with openhole resistivity log with gamma-ray log from the kick-off point into the surface casing for the stratigraphically deepest wells on each side of the pad for a total of four wells logged.
Drilling/Completion Operations	Operator will ensure the wellbore beyond the unit boundary setback is physically isolated and is not completed. In the Operator Comments on the Form 5A the operator will (1) report the footages from the section lines of the bottom of the completed interval (2) describe how the wellbore beyond the unit boundary setback is physically isolated and (3) certify that none of the wellbore beyond the setback was completed.
Interim Reclamation	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017)
Drilling/Completion Operations	Per COGCC Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:  1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  2) If a delayed must contact completion, 6 months after rig release and prior to stimulation. If any pressure greater than 200 psi, must contact COGCC engineer prior to stimulation.  3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance.
Drilling/Completion Operations	<ol> <li>Submit Form 42 electronically to COGCC 2 business days prior to MIRU (Spud Notice), for the first well/activity on the pad and provide 2 business days spud notice for all subsequent wells drilled on the pad.</li> <li>Comply with Rule 408.j and provide cement coverage from the end of production casing to a minimum of 500' above Niobrara. Verify coverage with cement bond log.</li> <li>Oil-based drilling fluid is to be used only after all aquifers are covered.</li> </ol>
6 COAs	

# **Best Management Practices**

No BMP/CO	<u> А Туре</u>	<u>Description</u>
1 Drilling/C Operation		Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.`
2 Drilling/C Operation		Alternative Logging Program: An existing well on the pad was logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.`

3	Drilling/Completion	Operator acknowledges and will comply with COGCC policy for Bradenhead
	Operations	Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area
		dated May 29, 2012.`

Total: 3 comment(s)

#### **ATTACHMENT LIST**

Att Doc Num	<u>Name</u>
2168596	WELL LOCATION PLAT
403649432	FORM 2 SUBMITTED
403691072	DIRECTIONAL DATA
403691073	DEVIATED DRILLING PLAN
403691778	OffsetWellEvaluations Data
403762710	OFFSET WELL EVALUATION

Total Attach: 6 Files

# **General Comments**

User Group	Comment	<b>Comment Date</b>
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Permit	Uploaded updated well location plat from the operator	04/08/2024
OGLA	CPW Consultation occurred on 3/14/2024. This Location and its associated Form 2A materials was fully evaluated during the review of this APD in accordance with the current Rules. This APD complies with all Colorado ECMC Rules and Staff does not anticipate any significant potential direct adverse impacts to public health, safety, welfare, the environment, and wildlife resources. OGLA task passed.	03/20/2024
Permit	-Received consent from the operator for the following changes: 1.Adding the refile COA 2.Adding the drilling beyond the setback COA and comment 3.Adding a comment about the APD being a refile 4.Listing the nearest well in the same formation 5.Adding additional open hole logging COA -Passed Permit Review	03/20/2024
Permit	Requesting the following from the operator:  1.Refile COA for built locations  2.Drilling beyond the setback COA and comment  3.APD refile comment  4.Listing the nearest well in the same formation/ unit	03/11/2024
Engineer	Offset Wells Evaluated.	03/08/2024

Total: 6 comment(s)



# Conveyance Document

Please note the following draft deed/assignment has been prepared by the seller in advance of sale. The successful buyer agrees to accept title to the lots pursuant to said deeds or assignments. Seller shall not be obligated or required to modify or change said deeds or assignments unless a correction is required to properly convey the interests being sold.

#### MINERAL AND ROYALTY DEED

KNOW ALL MEN BY THESE PRESENTS, That , whose address is , hereinafter called "Grantor" (whether one or more), for and in consideration of the sum of Ten Dollars (\$10.00) cash in hand paid and other good and valuable considerations, which is acknowledged, does hereby grant, bargain, sell, convey, and deliver unto
hereinafter called "Grantee", <b>ALL</b> of Grantor's right, title and interests in and to the oil, gas, and other minerals, including all royalty in and under and that may be produced from the following described lands in Weld County, Colorado, to-wit:
Township 7 North, Range 67 West, 6th P.M. Section 8: Part of the NE/4 described as Lot 9, Prairie Ridge Estates Subdivision MF-1053, according to the plat recorded July 6, 2005 at Reception No. 3300326
Township 7 North, Range 66 West, 6th P.M. Section 32: NE/4
Together with the right of ingress and egress at all times for the purposes of mining, drilling, exploring, operating, and developing said lands for oil, gas and other minerals, and storing, handling, transporting and marketing the same therefrom.
The interest herein is being conveyed by Grantor and shall be accepted by Grantee in "as is, where is" condition without any warranties of any kind or nature whether express or implied (including but not limited to warranty of title).
WITNESS my hand and executed this theday of, 2025, but this conveyance shall be effective for all purposes, including the production of oil and gas, as of the <b>1st day of March</b> , <b>2025</b> (the "Effective Date").
By:
ACKNOWLEDGEMENT
STATE OF NEW MEXICO ) COUNTY OF SANTA FE )
The foregoing instrument was acknowledged before me thisday of
Notary Public (Signed): SEAL
Seal Notary Public (Printed):
My Commission Expires: