MID-CONTINENT ENERGY EXCHANGE



Data Packet

Gibson Unit 28-21 & **Blehm West +**

7 Permitted Wells

8-Well Producing MI/RI/ORRI in Howard, TX & Weld, CO

In this Document:

Lot Summary Income and Expenses **Production** Misc.

Outgoing Conveyance



County/State: Howard County, TX

Legal Description: Sec 21, Blk 33, T-3-N, T&P RR Co. Survey, A-344

& Sec 28, Blk 33, T-3-N, T&P RR Co., Survey, A-

1237

Lease Name: Gibson Unit 28-21

Asset Type: Mineral Royalty Interest & ORRI

Decimal Interest: 0.00002610

Monthly Income (3 mo): \$117.27

API: See page 4

Lease #: 421051030

OperatorCallon Petroleum Operating Co.

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.



County/State: Weld County, CO

Legal Description: Part of NE Sec 8-7N-67W

Lease Name: Blehm West

Asset Type: Mineral Royalty Interest & ORRI

Decimal Interest: 0.00001753

Monthly Income (3 mo): \$0.00

API: 05-123-51531

Operator: Nickel Road Operating, LLC

INCLUDES 7 PERMITTED WELLS

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.

Operator

Callon Petroleum Operating Co.

&

Nickel Road Operating, LLC

County, State
Weld, CO & Howard, TX

Wells	API#	Decimal	Туре	
GIBSON UNIT 28-21 06AH	42-227-39523	0.00002610	MINERAL	
GIBSON UNIT 28-21 03AH	42-227-40698	0.00002610	MINERAL	
GIBSON UNIT 28-21 04AH	42-227-40699	0.00002610	MINERAL	
GIBSON UNIT 28-21 05AH	42-227-40700	0.00002610	MINERAL	
GIBSON UNIT 28-21 11SH	42-227-40701	0.00002610	MINERAL	
GIBSON UNIT 28-21 12SH	42-227-40947	0.00002610	MINERAL	
GIBSON UNIT 28-21 13SH	42-227-40948	0.00002610	MINERAL	
BLEHM WEST 6X-HC-07-07-67	05-123-51531	0.00001753	MINERAL	
		(

Inventory Number 97390 Cash Flow 3-MONTH AVG \$117.27 MCEE Lot Number 10083

Reservoir Shale

Denver Julesburg and Permian

Package Detail - Notes

The check stub provided reflects the full interest owned. The cash flow table reflects the actual interest being conveyed.

This is a 8 Well Package (Producing MI/RI & ORRI) plus 7 Permitted Wells package Operators:

Gibson Unit 28-21 - Callon Petroleum Operating CO. 2000 W. Sam Houston Pkwy S, Ste 2 Houston, TX 77042 (281)589-5200

> Blehm West - Nickel Road Operating, LLC 44 Cook St, Ste 705 Denver, CO 80206 (303)226-7375



Summary

3 months income info

Net Income: \$351.81

Per Month: \$117.27

ROYALTY REVENUE ACCOUNTING MONTH							
PROPERTY DESCRIPTION	22-Apr	22-May	22-Jun				
GIBSON UNIT 28-21	\$130.20	\$117.68	\$103.93				
BLEHM WEST 6X-HC-07-07-67	\$0.00	\$0.00	\$0.00				
MONTHLY TOTALS	\$130.20	\$117.68	\$103.93				

3 MONTH AVERAGE	
\$117.27	



Revenue Statement

Owner	Operator	Check	
	CALLON PETROLEUM OPERATING CO 2000 W. SAM HOUSTON PKWY S. SUITE 2	Check Number	0005031957
	HOUSTON, TX 77042 281-589-5200 owners@callon.com	Check Date Check Type	July 31, 2022 Check

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					Prope	rty Values			Owner Share			
		Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
Property:	7265.01	GIBSON UNI	T 28-21 06AH, SURVE	Y: T&P RR CO	344 BLOCK:	33LOT: SEC: 2 ⁻	1, State: TX, Coun	ty: HOWARD				
GAS												
		OVERRIDING ROYALTY	Apr 22	0.9578	310.00	4.47	1,386.29	0.00020878	0.00020878	0.06	0.29	
		PURCHASER ADJ OR POST PROD. EXPENSE	Apr 22				(125.54)	0.00020878	0.00020878		(0.03)	
		SEVERANCE TAX	Apr 22				(82.43)	0.00020878	0.00020878		(0.02)	
		OVERRIDING ROYALTY	May 22	0.9351	57.00	5.83	332.41	0.00020878	0.00020878	0.01	0.07	
		PURCHASER ADJ OR POST PROD. EXPENSE	May 22				(22.74)	0.00020878	0.00020878		0.00	
		SEVERANCE TAX	May 22				(21.66)	0.00020878	0.00020878		0.00	
									Total GAS	0.07	0.31	
OIL												
		OVERRIDING ROYALTY	Apr 22		431.71	104.77	45,231.12	0.00020878	0.00020878	0.09	9.44	
		TRANSPORTATION	Apr 22				(362.80)	0.00020878	0.00020878		(0.08)	
		SEVERANCE TAX	Apr 22				(2,066.64)	0.00020878	0.00020878		(0.43)	
		OVERRIDING ROYALTY	Apr 22		781.75	104.10	81,377.89	0.00020878	0.00020878	0.16	16.99	
		TRANSPORTATION	Apr 22				(656.97)	0.00020878	0.00020878		(0.14)	
		SEVERANCE TAX	Apr 22				(3,718.05)	0.00020878	0.00020878		(0.78)	
		OVERRIDING ROYALTY	Apr 22		174.12	106.45	18,535.44	0.00020878	0.00020878	0.04	3.87	
		TRANSPORTATION	Apr 22				(146.33)	0.00020878	0.00020878		(0.03)	
		SEVERANCE TAX	Apr 22				(846.99)	0.00020878	0.00020878		(0.18)	
		OVERRIDING ROYALTY	Apr 22		87.14	106.95	9,319.76	0.00020878	0.00020878	0.02	1.95	
		TRANSPORTATION	Apr 22				(73.23)	0.00020878	0.00020878		(0.02)	
		SEVERANCE TAX	Apr 22				(425.88)	0.00020878	0.00020878		(0.09)	
		OVERRIDING ROYALTY	May 22		52.35	111.05	5,813.54	0.00020878	0.00020878	0.01	1.21	
		TRANSPORTATION	May 22				(31.79)	0.00020878	0.00020878		(0.01)	

				Property Values			Owner Share					
		Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
		SEVERANCE TAX	May 22				(266.29)	0.00020878	0.00020878		(0.06)	
		OVERRIDING ROYALTY	May 22		211.83	108.44	22,969.88	0.00020878	0.00020878	0.04	4.80	
		TRANSPORTATION	May 22				(128.64)	0.00020878	0.00020878		(0.03)	
	SEVERANCE TAX		May 22				(1,052.02)	0.00020878	0.00020878		(0.22)	
		OVERRIDING ROYALTY	May 22		63.63	111.42	7,089.36	0.00020878	0.00020878	0.01	1.48	
		TRANSPORTATION	May 22				(38.64)	0.00020878	0.00020878	0.01	(0.01)	
		SEVERANCE TAX	May 22				(324.73)	0.00020878	0.00020878		(0.07)	
		OVERRIDING ROYALTY	Jun 22		331.83	117.72	39,063.47	0.00020878	0.00020878	0.07	8.16	
		TRANSPORTATION .	Jun 22			2	(201.52)	0.00020878	0.00020878	0.07	(0.04)	
		SEVERANCE TAX	Jun 22				(1,789.72)	0.00020878	0.00020878		(0.04)	
		OVERRIDING ROYALTY	Jun 22		882.61	115.35	101,812.29	0.00020878	0.00020878	0.18	21.26	
		TRANSPORTATION	Jun 22		002.01	115.55	(536.01)	0.00020878		0.16		
		SEVERANCE TAX	Jun 22				,		0.00020878		(0.11)	
		OVERRIDING ROYALTY	Jun 22		605.04	117.05	(4,664.23)	0.00020878	0.00020878	0.40	(0.97)	
		TRANSPORTATION	10000000		605.04	117.35	70,999.20	0.00020878	0.00020878	0.13	14.82	
			Jun 22				(367.44)	0.00020878	0.00020878		(0.08)	
		SEVERANCE TAX	Jun 22				(3,252.84)	0.00020878	0.00020878		(0.68)	
PPROD			1					1	Total OIL	0.75	79.58	
		OVERRIDING ROYALTY	Apr 22		2,629.72	1.06	2,779.03	0.00020878	0.00020878	0.55	0.58	
		PURCHASER ADJ OR POST PROD. EXPENSE	Apr 22				(103.71)	0.00020878	0.00020878		(0.02)	
		SEVERANCE TAX	Apr 22				(200.65)	0.00020878	0.00020878		(0.04)	
		OVERRIDING ROYALTY	May 22		469.59	1.03	485.96	0.00020878	0.00020878	0.10	0.10	
		PURCHASER ADJ OR POST PROD. EXPENSE	May 22				(19.36)	0.00020878	0.00020878		0.00	
		SEVERANCE TAX	May 22				(35.00)	0.00020878	0.00020878		(0.01)	
									Total PPROD	0.65	0.61	
									Total Property		80.50	
Property:	8447.01	GIBSON UN	IT 28-21 03AH, State: T	X, County: H	OWARD							
GAS								1				
		OVERRIDING ROYALTY	Apr 22	0.9567	6,291.00	4.47	28,100.60	0.00020878	0.00020878	1.31	5.87	
		PURCHASER ADJ OR POST PROD.	Apr 22				(2,547.61)	0.00020878	0.00020878		(0.53)	
		EXPENSE					(-,,		0.0000000000000000000000000000000000000		(0.00)	
		SEVERANCE TAX	Apr 22				(1,670.96)	0.00020878	0.00020878		(0.35)	
		OVERRIDING ROYALTY	May 22	0.9430	5,889.00	5.88	34,633.41	0.00020878	0.00020878	1.23	7.23	
		PURCHASER ADJ OR POST PROD.	May 22				(2,349.63)	0.00020878	0.00020878		(0.49)	
		EXPENSE	May 200				(0.055.45)					
		SEVERANCE TAX	May 22				(2,257.43)	0.00020878	0.00020878	0.54	(0.47)	
OIL									Total GAS	2.54	11.26	
		OVERRIDING ROYALTY	Apr 22		390.05	106.95	41,716.48	0.00020878	0.00020878	0.08	8.71	
		TRANSPORTATION	Apr 22				(327.79)	0.00020878	0.00020878		(0.07)	
		SEVERANCE TAX	Apr 22				(1,906.32)	0.00020878	0.00020878		(0.40)	
		OVERRIDING ROYALTY	Apr 22		3,499.13	104.10	364,249.21	0.00020878		0.73	76.05	
			1					1				

Check Number	0005031957	Owner	Operator CALLON PETROLEUM OPERATING CO

TRANSPORTATION AFF 22 (2,44.5.8) 0.00020378 0.00020378 0.05 SEVERANGE TAX AFF 22 779.36 106.45 (6,44.2.0) 0.00020378 0.00020378 0.16 17.35 SEVERANGE TAX AFF 22 779.36 106.45 (6,44.2.0) 0.00020378 0.00020378 0.16 17.35 SEVERANGE TAX AFF 22 (7,79.36 106.45 (7,79.36) 0.00020378 0.00020378 0.16 17.35 SEVERANGE TAX AFF 22 (7,79.36 106.45 (7,79.36) 0.00020378 0.00020				Prope		Owner Share				
SEVERANCE TAX		Туре		BTU Volume	Price	Value			Volume	Value
SEVERANDE TAX		TRANSPORTATION	Apr 22			(2,940.62)	0.00020878	0.00020878		(0.61)
OVERNIDING ROYALITY		SEVERANCE TAX	Apr 22			(16,642.07)	0.00020878	0.00020878		(3.47)
TRANSPORTATION		OVERRIDING ROYALTY	Apr 22	779.36	106.45	6 7 5	0.00020878	0.00020878	0.16	17.32
SEVERANCE TAX		TRANSPORTATION								
OVERRIDING ROYALITY		SEVERANCE TAX				,				
TRANSPORTATION		OVERRIDING ROYALTY		1.932.36	104.77				0.40	, , ,
SIVERANCE TIX				1,002.00					0.40	
OVERRIDING ROYALITY										,
TRANSPORTATION May 22 (2,596,93) 0,00020878 0,00020878 (2,566,93)				4 208 85	108 44				0.88	
SEVERANCE TAX May 22 (2,902.81) 0.00020878 0.00020878 0.26 (23.47) 0.00020878			-	1,200.00	100.44	1.5			0.00	
OVERRIDING ROYALTY						201				
TRANSPORTATION May 22				1 264 17	111 12				0.00	
SEVERANCE TAX			-	1,204.17	111.42				0.26	
OVERRIDING ROYALTY						150				•
TRANSPORTATION										(1.35)
SEVERANCE TAX				1,040.07	111.05				0.22	
OVERRIDING ROYALTY Jun 22 1,142.88 117.72 134,539.01 0,00020878 0,00020878 0,00020878 0,00020878 0,00020878 0,00020878 0,014 EXPERANCE TAX Jun 22 0VERRIDING ROYALTY Jun 22 0VERRIDING ROYALTY Jun 22 0,00020878 0,0002			-							(0.13)
TRANSPORTATION Jun 22 (894.06) 0.00020878 0.00020878 (0.14 SEVERANCE TAX Jun 22 (8,164.01) 0.00020878 0.00020878 (1.12 OVERRIDING ROYALITY Jun 22 3,039.77 115.35 385.048.57 0.00020878 0.00020878 (1.22 TRANSPORTATION Jun 22 (1,1846.05) 0.00020878 0.00020878 0.03 SEVERANCE TAX Jun 22 (1,1855.00) 0.00020878 0.0002087										(1.10)
SEVERANCE TAX				1,142.86	117.72				0.24	28.09
OVERRIDING ROYALTY Jun 22 3,039.77 115.35 350,848.57 0,00020878 0,000208						(694.06)				(0.14)
TRANSPORTATION Jun 22 (1,846.05) 0.00020878 0.00020878 (0.38 SEVERANCE TAX Jun 22 (16,668.32) 0.00020878 0.00020878 (3.38 OVERRIDING ROYALTY Jun 22 2,083.81 117.35 244,527.37 0.00020878 0.00020878 0.44 51.00 TRANSPORTATION Jun 22 (11,265.50) 0.00020878 0.00020878 0.44 51.00 SEVERANCE TAX Jun 22 (11,265.50) 0.00020878 0.00020878 0.0020878 (0.28 SEVERANCE TAX Jun 22 (11,203.07) 0.00020878 0.00020878 0.0020878 (2.38 PPROD OVERRIDING ROYALTY Apr 22 53,305.33 1.06 56,331.89 0.00020878 0.00020878 11.13 11.76 PURCHASER ADJ OR POST PROD. Apr 22 (2,102.26) 0.00020878 0.00020878 0.00020878 (0.48 SEVERANCE TAX Apr 22 (4,067.22) 0.00020878 0.00020878 0.00020878 (0.48 SEVERANCE TAX Apr 22 (4,067.22) 0.00020878 0.0002										(1.29)
SEVERANCE TAX			2000000	3,039.77	115.35	350,648.57	0.00020878	0.00020878	0.63	73.21
OVERRIDING ROYALTY Jun 22 2,083.81 117.35 244,527.37 0,00020878 11.13 117.35 244,527.37 0,00020878 0,00020878 0,00020878 0,00020878 11.13 117.35 244,527.37 0,00020878 0,00020878 0,00020878 11.13 117.35 244,527.37 0,00020878 0,00020878 0,00020878 11.13 117.35 244,527.37 0,00020878 0,00020878 0,00020878 11.13 117.35 244,527.37 0,00020878 0,00020878 0,00020878 11.13 117.35 244,527.37 0,00020878 0,00020878 11.13 117.35 244,527.37 0,00020878 0,00020878 11.13 117.35 244,527.37 0,00020878 0,00020878 11.13 117.35 244,527.37 0,00020878 0,00020878 11.13 117.35 244,527.37 0,00020878 0,00020878 0,00020878 11.13 117.35 244,527.37 0,00020878 11.13 117.35 244,527.37 0,00020878 11.13 117.35 244,527.37 0,00020878 0,00020878 0,00020878 0,00020878 0,00020878 10.21 10.55 10.46 10.55 10.46 10.47 10.55 10.46 10.47 10.55 10.46 10.47 10.55 10.46 10.47 10.55 10.46 10.47 10.55 10.46			Jun 22			(1,846.05)	0.00020878	0.00020878		(0.39)
TRANSPORTATION Jun 22 (1,265.50) 0.00020878 0.00020878 (0.28 SEVERANCE TAX Jun 22 (11,203.07) 0.00020878 0.00020878 (2.38 C) (2.3		SEVERANCE TAX	Jun 22			(16,063.92)	0.00020878	0.00020878		(3.35)
SEVERANCE TAX Jun 22 (11,203.07) 0.00020878 0.00020878 (2.30		OVERRIDING ROYALTY	Jun 22	2,083.81	117.35	244,527.37	0.00020878	0.00020878	0.44	51.05
PPROD OVERRIDING ROYALTY Apr 22 53,305.33 1.06 56,331.89 0.00020878 0.00020878 11.13 11.77 7.99 PURCHASER ADJ OR POST PROD. Apr 22 (2,102.26) 0.00020878 0.00020878 0.00020878 (0.43 11.13 11.75 11.7		TRANSPORTATION	Jun 22			(1,265.50)	0.00020878	0.00020878		(0.26)
PPROD OVERRIDING ROYALTY Apr 22 53,305.33 1.06 56,331.89 0.00020878 0.00020878 11.13 11.75 PURCHASER ADJ OR POST PROD. Apr 22 (2,102.26) 0.00020878 0.00020878 0.00020878 (0.45 EXPENSE SEVERANCE TAX Apr 22 (4,067.22) 0.00020878 0.00020878 0.00020878 (0.86 OVERRIDING ROYALTY May 22 48,926.17 1.03 50,631.48 0.00020878 0.00020878 10.21 10.55 PURCHASER ADJ OR POST PROD. May 22 (2,016.75) 0.00020878 0.00020878 0.00020878 (0.45 EXPENSE SEVERANCE TAX May 22 (3,648.10) 0.00020878 0.00020878 0.00020878 (0.76 Total Property 453.45 Property: 8448.01 GIBSON UNIT 28-21 04AH, State: TX, County: HOWARD GAS OVERRIDING ROYALTY Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.99 PURCHASER ADJ OR POST PROD. Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.99 PURCHASER ADJ OR POST PROD. Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.99 PURCHASER ADJ OR POST PROD. Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.99 PURCHASER ADJ OR POST PROD. Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.99 EXPENSE		SEVERANCE TAX	Jun 22			(11,203.07)	0.00020878	0.00020878		(2.34)
OVERRIDING ROYALTY Apr 22 53,305.33 1.06 56,331.89 0.00020878 0.00020878 11.13 11.77 PURCHASER ADJ OR POST PROD. Apr 22 (2,102.26) 0.00020878 0.00020878 0.00020878 (0.45 EXPENSE SEVERANCE TAX Apr 22 (4,067.22) 0.00020878 0.00020878 0.00020878 (0.85 OXERIDING ROYALTY May 22 48,926.17 1.03 50,631.48 0.00020878 0.00020878 10.21 10.55 PURCHASER ADJ OR POST PROD. May 22 (48,926.17 1.03 50,631.48 0.00020878 0.00020878 0.00020878 10.21 10.55 EXPENSE SEVERANCE TAX May 22 (48,926.17 1.03 50,631.48 0.00020878 0.00020878 0.00020878 10.21 10.55 EXPENSE SEVERANCE TAX May 22 (3,846.10) 0.00020878 0.00020878 0.00020878 10.21 10.55 Total Property 453.45 Property: 8448.01 GIBSON UNIT 28-21 04AH, State: TX, County: HOWARD GAS OVERRIDING ROYALTY Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.99 PURCHASER ADJ OR POST PROD. Apr 22 EXPENSE (3,440.95) 0.00020878 0.00020878 0.00020878 (0.75 EXPENSE) (0.75 EXPE			1					Total OIL	4.04	422.35
PURCHASER ADJ OR POST PROD. Apr 22 (2,102.26) 0.00020878 0.00020878 (0.44	PPROD	OVERRIDING ROYALTY	Apr 22	53 305 33	1.06	56 331 80	0.00020878	0.00020878	11 12	11 76
EXPENSE SEVERANCE TAX AP 22 (4,067.22) 0.00020878 0.00020878 (0.84				00,000.00	1.00				11.15	
OVERRIDING ROYALTY May 22 48,926.17 1.03 50,631.48 0.00020878 0.00020878 10.21 10.55 PURCHASER ADJ OR POST PROD. May 22 (2,016.75) 0.00020878 0.00020878 0.00020878 (0.42 EXPENSE SEVERANCE TAX May 22 (3,646.10) 0.00020878 0.00020878 0.00020878 (0.76 Total PPROD 21.34 19.87 Total Property 453.44 Property: 8448.01 GIBSON UNIT 28-21 04AH, State: TX, County: HOWARD GAS OVERRIDING ROYALTY Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.95 PURCHASER ADJ OR POST PROD. Apr 22 (3,440.95) 0.00020878 0.00020878 0.00020878 (0.75)			7122			(2,102.20)	0.00020878	0.00020878		(0.43)
OVERRIDING ROYALTY May 22 48,926.17 1.03 50,631.48 0.00020878 0.00020878 10.21 10.51 PURCHASER ADJ OR POST PROD. May 22 (2,016.75) 0.00020878 0.00020878 (0.42 EXPENSE SEVERANCE TAX May 22 (3,646.10) 0.00020878 0.00020878 (0.74 Total PPROD 21.34 19.87 Total Property 453.44 Property: 8448.01 GIBSON UNIT 28-21 04AH, State: TX, County: HOWARD GAS OVERRIDING ROYALTY Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.95 PURCHASER ADJ OR POST PROD. Apr 22 (3,440.95) 0.00020878 0.00020878 0.00020878 (0.75)			Apr 22			(4,067.22)	0.00020878	0.00020878		(0.85)
PURCHASER ADJ OR POST PROD. May 22 (2,016.75) 0.00020878 0.00020878 (0.42 EXPENSE SEVERANCE TAX May 22 (3,646.10) 0.00020878 0.00020878 (0.76 Total PPROD 21.34 19.87 Total Property 453.41 Property: 8448.01 GIBSON UNIT 28-21 04AH, State: TX, County: HOWARD GAS OVERRIDING ROYALTY Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.95 PURCHASER ADJ OR POST PROD. Apr 22 (3,440.95) 0.00020878 0.00020878 0.00020878 (0.77 EXPENSE)		OVERRIDING ROYALTY	May 22	48,926.17	1.03	50.631.48	0.00020878		10.21	
EXPENSE SEVERANCE TAX May 22 (3,646.10) 0.00020878 0.00020878 0.00020878 (0.76 PROD 21.34 19.8 Total PROD 21.34 19.8 Total Property 453.4		PURCHASER ADJ OR POST PROD.					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Property: 8448.01 GIBSON UNIT 28-21 04AH, State: TX, County: HOWARD GAS OVERRIDING ROYALTY Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.95 PURCHASER ADJ OR POST PROD. Apr 22 (3,440.95) 0.00020878 0.00020878 0.00020878 0.00020878 EXPENSE						(=,= := :: = /				(0.12)
Property: 8448.01 GIBSON UNIT 28-21 04AH, State: TX, County: HOWARD GAS OVERRIDING ROYALTY Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.95 PURCHASER ADJ OR POST PROD. Apr 22 (3,440.95) 0.00020878 0.00020878 0.00020878 (0.72 EXPENSE		SEVERANCE TAX	May 22			(3,646.10)	0.00020878	0.00020878		(0.76)
Property: 8448.01 GIBSON UNIT 28-21 04AH, State: TX, County: HOWARD GAS OVERRIDING ROYALTY Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.95 PURCHASER ADJ OR POST PROD. Apr 22 (3,440.95) 0.00020878 0.00020878 0.00020878 (0.72 EXPENSE								Total PPROD	21.34	19.87
GAS OVERRIDING ROYALTY Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.95 PURCHASER ADJ OR POST PROD. EXPENSE EXPENSE (0.72								Total Property		453.48
OVERRIDING ROYALTY Apr 22 0.9567 8,497.00 4.47 37,953.98 0.00020878 0.00020878 1.77 7.93 PURCHASER ADJ OR POST PROD. Apr 22 (3,440.95) 0.00020878 0.00020878 0.00020878 (0.72 EXPENSE	Property: 8	448.01 GIBSON UNI	Γ 28-21 04AH, State: T	X, County: HOWARD						
PURCHASER ADJ OR POST PROD. Apr 22 (3,440.95) 0.00020878 0.00020878 (0.72	GAS						1			
PURCHASER ADJ OR POST PROD. Apr 22 (3,440.95) 0.00020878 0.00020878 (0.72 EXPENSE		OVERRIDING ROYALTY	Apr 22	0.9567 8,497.00	4.47	37,953.98	0.00020878	0.00020878	1.77	7.92
SEVERANCE TAX Apr 22 (2.256.87) 0.00020878 0.00020878 (0.45			Apr 22			(3,440.95)	0.00020878	0.00020878		(0.72)
(2,255.5.)		SEVERANCE TAX	Apr 22			(2,256.87)	0.00020878	0.00020878		(0.47)

			Property Values			Owner Share				
1	Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	OVERRIDING ROYALTY	May 22	0.9430	8,353.00	5.88	49,123.00	0.00020878	0.00020878	1.74	10.26
	PURCHASER ADJ OR POST PROD. EXPENSE	May 22				(3,332.72)	0.00020878	0.00020878		(0.70)
	SEVERANCE TAX	May 22				(3,201.86)	0.00020878	0.00020878		(0.67)
								Total GAS	3.51	15.62
OIL	OVERDINA DOVALEY									
	OVERRIDING ROYALTY	Apr 22		5,241.54	104.10	545,629.00	0.00020878	0.00020878	1.09	113.92
	TRANSPORTATION	Apr 22				(4,404.92)	0.00020878	0.00020878		(0.92)
	SEVERANCE TAX	Apr 22		was addressed by adversarial		(24,929.07)	0.00020878	0.00020878		(5.21)
	OVERRIDING ROYALTY	Apr 22		2,894.58	104.77	303,270.91	0.00020878	0.00020878	0.60	63.32
	TRANSPORTATION	Apr 22				(2,432.57)	0.00020878	0.00020878		(0.51)
	SEVERANCE TAX	Apr 22				(13,856.65)	0.00020878	0.00020878		(2.89)
	OVERRIDING ROYALTY	Apr 22		1,167.44	106.45	124,276.42	0.00020878	0.00020878	0.24	25.95
	TRANSPORTATION	Apr 22				(981.10)	0.00020878	0.00020878		(0.20)
	SEVERANCE TAX	Apr 22				(5,678.88)	0.00020878	0.00020878		(1.18)
	OVERRIDING ROYALTY	Apr 22		584.28	106.95	62,489.69	0.00020878	0.00020878	0.12	13.05
	TRANSPORTATION	Apr 22				(491.02)	0.00020878	0.00020878		(0.10)
	SEVERANCE TAX	Apr 22				(2,855.59)	0.00020878	0.00020878		(0.60)
	OVERRIDING ROYALTY	May 22		5,789.29	108.44	627,764.34	0.00020878	0.00020878	1.21	131.07
	TRANSPORTATION	May 22				(3,515.84)	0.00020878	0.00020878		(0.73)
	SEVERANCE TAX	May 22				(28,751.61)	0.00020878	0.00020878		(6.01)
	OVERRIDING ROYALTY	May 22		1,430.62	111.05	158,872.40	0.00020878	0.00020878	0.30	33.17
	TRANSPORTATION	May 22				(868.82)	0.00020878	0.00020878		(0.18)
	SEVERANCE TAX	May 22				(7,277.10)	0.00020878	0.00020878		(1.52)
	OVERRIDING ROYALTY	May 22		1,738.87	111.42	193,736.72	0.00020878	0.00020878	0.36	40.45
	TRANSPORTATION	May 22				(1,056.02)	0.00020878	0.00020878		(0.22)
	SEVERANCE TAX	May 22				(8,874.18)	0.00020878	0.00020878		(1.85)
	OVERRIDING ROYALTY	Jun 22		1,354.26	117.72	159,425.30	0.00020878	0.00020878	0.28	33.28
	TRANSPORTATION	Jun 22				(822.44)	0.00020878	0.00020878		(0.17)
	SEVERANCE TAX	Jun 22				(7,304.19)	0.00020878	0.00020878		(1.52)
	OVERRIDING ROYALTY	Jun 22		3,602.08	115.35	415,513.09	0.00020878	0.00020878	0.75	86.75
	TRANSPORTATION	Jun 22				(2,187.54)	0.00020878	0.00020878		(0.46)
	SEVERANCE TAX	Jun 22				(19,035.49)	0.00020878	0.00020878		(3.97)
	OVERRIDING ROYALTY	Jun 22		2,469.27	117.35	289,759.67	0.00020878	0.00020878	0.52	60.50
	TRANSPORTATION	Jun 22				(1,499.59)	0.00020878	0.00020878		(0.31)
	SEVERANCE TAX	Jun 22				(13,275.39)	0.00020878	0.00020878		(2.77)
								Total OIL	5.47	570.14
PPROD	OVERRIDING ROYALTY	Apr 22		71 006 74	1.06	76 004 57	0.00000070	0.0000070	45.00	45.00
	PURCHASER ADJ OR POST PROD.	Apr 22		71,996.74	1.00	76,084.57	0.00020878	0.00020878	15.03	15.89
	EXPENSE SEVERANCE TAX	Apr 22				(2,839.41)	0.00020878	0.00020878		(0.59)
				60 205 42	1.02	(5,493.39)	0.00020878	0.00020878	44.40	(1.15)
	OVERRIDING ROYALTY PURCHASER ADJ OR POST PROD. EXPENSE	May 22 May 22		69,395.42	1.03	71,814.18 (2,860.50)	0.00020878 0.00020878	0.00020878 0.00020878	14.49	14.99 (0.60)

Check Number	0005031957	Owner	Operator CALLON PETROLEUM OPERATING CO
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				Property Values					Owner Share			
		Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
		SEVERANCE TAX	May 22				(5,171.53)	0.00020878	0.00020878		(1.08)	
									Total PPROD	29.52	27.46	
									Total Property		613.22	
Property:	8449.01	GIBSON UNI	T 28-21 05AH, State:	TX, County: H	IOWARD							
GAS												
		OVERRIDING ROYALTY	Apr 22	0.9566	10,319.00	4.47	46,090.93	0.00020878	0.00020878	2.15	9.62	
		PURCHASER ADJ OR POST PROD. EXPENSE	Apr 22				(4,178.79)	0.00020878	0.00020878		(0.87)	
		SEVERANCE TAX	Apr 22				(2,740.71)	0.00020878	0.00020878		(0.57)	
		OVERRIDING ROYALTY	May 22	0.9431	7,407.00	5.88	43,563.50	0.00020878	0.00020878	1.55	9.10	
		PURCHASER ADJ OR POST PROD.	May 22				(2,955.29)	0.00020878	0.00020878		(0.61)	
		EXPENSE SEVERANCE TAX	May 22				(2,839.50)	0.00020878	0.00020878		(0.59)	
			,				(2,000.00)	0.00020070	Total GAS	3.70	16.08	
OIL		OVERDIDING DOVALTY	A == 00		0.000.00	10110	740 400 07	0.00000070				
		OVERRIDING ROYALTY	Apr 22		6,899.30	104.10	718,196.97	0.00020878	0.00020878	1.44	149.95	
		TRANSPORTATION	Apr 22				(5,798.08)	0.00020878	0.00020878		(1.21)	
		SEVERANCE TAX	Apr 22				(32,813.47)	0.00020878	0.00020878	W 1900	(6.85)	
		OVERRIDING ROYALTY	Apr 22		769.07	106.95	82,253.28	0.00020878	0.00020878	0.16	17.17	
		TRANSPORTATION	Apr 22				(646.32)	0.00020878	0.00020878		(0.13)	
		SEVERANCE TAX	Apr 22				(3,758.73)	0.00020878	0.00020878		(0.78)	
		OVERRIDING ROYALTY	Apr 22		1,536.67	106.45	163,581.72	0.00020878	0.00020878	0.32	34.15	
		TRANSPORTATION	Apr 22				(1,291.40)	0.00020878	0.00020878		(0.27)	
		SEVERANCE TAX	Apr 22				(7,474.95)	0.00020878	0.00020878		(1.56)	
		OVERRIDING ROYALTY	Apr 22		3,810.06	104.77	399,187.57	0.00020878	0.00020878	0.80	83.34	
		TRANSPORTATION	Apr 22				(3,201.92)	0.00020878	0.00020878		(0.67)	
		SEVERANCE TAX	Apr 22				(18,239.15)	0.00020878	0.00020878		(3.80)	
		OVERRIDING ROYALTY	May 22		1,606.83	111.05	178,440.78	0.00020878	0.00020878	0.34	37.26	
		TRANSPORTATION	May 22				(975.83)	0.00020878	0.00020878		(0.20)	
		SEVERANCE TAX	May 22				(8,173.43)	0.00020878	0.00020878		(1.70)	
		OVERRIDING ROYALTY	May 22		6,502.38	108.44	705,088.58	0.00020878	0.00020878	1.36	147.21	
		TRANSPORTATION	May 22				(3,948.90)	0.00020878	0.00020878		(0.82)	
		SEVERANCE TAX	May 22				(32,293.07)	0.00020878	0.00020878		(6.74)	
		OVERRIDING ROYALTY	May 22		1,953.06	111.42	217,600.77	0.00020878	0.00020878	0.41	45.43	
		TRANSPORTATION	May 22				(1,186.09)	0.00020878	0.00020878		(0.25)	
		SEVERANCE TAX	May 22				(9,967.29)	0.00020878	0.00020878		(2.08)	
		OVERRIDING ROYALTY	Jun 22		1,805.33	117.72	212,525.87	0.00020878	0.00020878	0.38	44.37	
		TRANSPORTATION	Jun 22				(1,096.38)	0.00020878	0.00020878		(0.23)	
		SEVERANCE TAX	Jun 22				(9,737.04)	0.00020878	0.00020878		(2.03)	
		OVERRIDING ROYALTY	Jun 22		4,801.83	115.35	553,908.63	0.00020878	0.00020878	1.00	115.65	
		TRANSPORTATION	Jun 22				(2,916.15)	0.00020878	0.00020878		(0.61)	
		SEVERANCE TAX	Jun 22				(25,375.66)	0.00020878	0.00020878		(5.30)	
		OVERRIDING ROYALTY	Jun 22		3,291.72	117.35	386,271.13	0.00020878	0.00020878	0.69	80.65	

	Check Number	0005031957	Owner	Operator	CALLON PETROLEUM OPERATING CO
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		Property Values						Owner Share		
	Туре	Production Date	вти	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	TRANSPORTATION	Jun 22				(1,999.06)	0.00020878	0.00020878		(0.42)
	SEVERANCE TAX	Jun 22				(17,697.09)	0.00020878	0.00020878		(3.69)
								Total OIL	6.90	715.84
PPROD	OVERDIDING DOVALTY	A== 00		07 400 07	4.00	00 000 00	0.0000070	0.0000070	40.05	
	OVERRIDING ROYALTY PURCHASER ADJ OR POST PROD.	Apr 22		87,432.07	1.06	92,396.29	0.00020878	0.00020878	18.25	19.29
	EXPENSE	Apr 22				(3,448.15)	0.00020878	0.00020878		(0.72)
	SEVERANCE TAX	Apr 22				(6,671.11)	0.00020878	0.00020878		(1.39)
	OVERRIDING ROYALTY	May 22		61,541.60	1.03	63,686.62	0.00020878	0.00020878	12.85	13.30
	PURCHASER ADJ OR POST PROD. EXPENSE	May 22				(2,536.76)	0.00020878	0.00020878		(0.53)
	SEVERANCE TAX	May 22				(4,586.24)	0.00020878	0.00020878		(0.96)
								Total PPROD	31.10	28.99
								Total Property		760.91
Property: 8451.01	GIBSON UNIT	Γ 28-21 11SH, State:	TX, County: H	OWARD						
GAS										
	OVERRIDING ROYALTY	Apr 22	0.9567	6,225.00	4.47	27,805.98	0.00020878	0.00020878	1.30	5.81
	PURCHASER ADJ OR POST PROD. EXPENSE	Apr 22				(2,520.89)	0.00020878	0.00020878		(0.53)
	SEVERANCE TAX	Apr 22				(1,653.45)	0.00020878	0.00020878		(0.34)
	OVERRIDING ROYALTY	May 22	0.9429	4,339.00	5.88	25,516.34	0.00020878	0.00020878	0.91	5.33
	PURCHASER ADJ OR POST PROD.	May 22	5.5 .25	.,000.00	0.00	(1,731.20)	0.00020878	0.00020878	0.01	(0.36)
	EXPENSE									(0.00)
	SEVERANCE TAX	May 22				(1,663.16)	0.00020878	0.00020878		(0.35)
OIL		Ī			•		1	Total GAS	2.21	9.56
OIL	OVERRIDING ROYALTY	Apr 22		2,392.99	104.10	249,103.27	0.00020878	0.00020878	0.50	52.01
	TRANSPORTATION	Apr 22				(2,011.04)	0.00020878	0.00020878		(0.42)
	SEVERANCE TAX	Apr 22				(11,381.20)	0.00020878	0.00020878		(2.37)
	OVERRIDING ROYALTY	Apr 22		266.75	106.95	28,529.34	0.00020878	0.00020878	0.06	5.96
	TRANSPORTATION	Apr 22				(224.17)	0.00020878	0.00020878		(0.05)
	SEVERANCE TAX	Apr 22				(1,303.71)	0.00020878	0.00020878		(0.27)
	OVERRIDING ROYALTY	Apr 22		532.99	106.45	56,737.90	0.00020878	0.00020878	0.11	11.85
	TRANSPORTATION	Apr 22				(447.92)	0.00020878	0.00020878		(0.09)
	SEVERANCE TAX	Apr 22				(2,592.67)	0.00020878	0.00020878		(0.54)
	OVERRIDING ROYALTY	Apr 22		1,321.50	104.77	138,456.19	0.00020878	0.00020878	0.28	28.91
	TRANSPORTATION	Apr 22				(1,110.57)	0.00020878	0.00020878		(0.23)
	SEVERANCE TAX	Apr 22				(6,326.16)	0.00020878	0.00020878		(1.32)
	OVERRIDING ROYALTY	May 22		2,033.29	108.44	220,480.74	0.00020878	0.00020878	0.42	46.03
	TRANSPORTATION	May 22				(1,234.82)	0.00020878	0.00020878		(0.26)
	SEVERANCE TAX	May 22				(10,098.02)	0.00020878	0.00020878		(2.11)
	OVERRIDING ROYALTY	May 22		502.46	111.05	55,798.90	0.00020878	0.00020878	0.10	11.65
		May 22				(305.14)	0.00020878	0.00020878	3.10	(0.06)
	TRANSPORTATION	IVIAV ZZ				(503.141				

Check Number	0005031957	Owner	Operator CALLON PETROLEUM OPERATING CO	
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					Prope	rty Values			Owner Share			
		Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value	
		OVERRIDING ROYALTY	May 22		610.72	111.42	68,043.55	0.00020878	0.00020878	0.13	14.21	
		TRANSPORTATION	May 22				(370.89)	0.00020878	0.00020878		(0.08)	
		SEVERANCE TAX	May 22				(3,116.76)	0.00020878	0.00020878		(0.65)	
		OVERRIDING ROYALTY	Jun 22		449.31	117.72	52,893.38	0.00020878	0.00020878	0.09	11.04	
		TRANSPORTATION	Jun 22				(272.87)	0.00020878	0.00020878		(0.06)	
		SEVERANCE TAX	Jun 22				(2,423.35)	0.00020878	0.00020878		(0.51)	
		OVERRIDING ROYALTY	Jun 22		1,195.07	115.35	137,855.69	0.00020878	0.00020878	0.25	28.78	
		TRANSPORTATION	Jun 22		1,100.07	110.00	(725.77)	0.00020878	0.00020878	0.20	(0.15)	
		SEVERANCE TAX	Jun 22				(6,315.45)	0.00020878	0.00020878		(1.32)	
		OVERRIDING ROYALTY	Jun 22		819.24	117.35	96,134.77	0.00020878	0.00020878	0.17	20.07	
		TRANSPORTATION	Jun 22		019.24	117.55				0.17		
			540 0000 0000				(497.52)	0.00020878	0.00020878		(0.10)	
		SEVERANCE TAX	Jun 22				(4,404.43)	0.00020878	0.00020878	2.44	(0.92)	
PPROD			* 4					1	Total OIL	2.11	218.47	
		OVERRIDING ROYALTY	Apr 22		52,746.49	1.06	55,741.33	0.00020878	0.00020878	11.01	11.64	
		PURCHASER ADJ OR POST PROD. EXPENSE	Apr 22				(2,080.21)	0.00020878	0.00020878		(0.43)	
		SEVERANCE TAX	Apr 22				(4,024.58)	0.00020878	0.00020878		(0.84)	
		OVERRIDING ROYALTY	May 22		36,046.60	1.03	37,302.99	0.00020878	0.00020878	7.53	7.79	
		PURCHASER ADJ OR POST PROD. EXPENSE	May 22				(1,485.86)	0.00020878	0.00020878		(0.31)	
		SEVERANCE TAX	May 22				(2,686.28)	0.00020878	0.00020878		(0.56)	
			·						Total PPROD	18.54	17.29	
									Total Property		245.32	
Property:	8452.01	GIBSON UN	IT 28-21 12SH, State: 1	ΓΧ, County: Η	OWARD							
GAS								1				
		OVERRIDING ROYALTY	Apr 22	0.9567	9,102.00	4.47	40,655.83	0.00020878	0.00020878	1.90	8.49	
		PURCHASER ADJ OR POST PROD. EXPENSE	Apr 22				(3,685.96)	0.00020878	0.00020878		(0.77)	
		SEVERANCE TAX	Apr 22				(2,417.54)	0.00020878	0.00020878		(0.50)	
		OVERRIDING ROYALTY	May 22	0.9431	8,376.00	5.88	49,262.63	0.00020878	0.00020878	1.75	10.29	
		PURCHASER ADJ OR POST PROD. EXPENSE	May 22				(3,341.91)	0.00020878	0.00020878		(0.70)	
		SEVERANCE TAX	May 22				(3,210.98)	0.00020878	0.00020878		(0.67)	
OIL			ſ						Total GAS	3.65	16.14	
OIL.		OVERRIDING ROYALTY	Apr 22		319.48	106.95	34,168.90	0.00020878	0.00020878	0.07	7.13	
		TRANSPORTATION	Apr 22				(268.49)	0.00020878	0.00020878		(0.06)	
		SEVERANCE TAX	Apr 22				(1,561.42)	0.00020878	0.00020878		(0.33)	
		OVERRIDING ROYALTY	Apr 22		2,866.04	104.10	298,346.39	0.00020878	0.00020878	0.60	62.29	
		TRANSPORTATION	Apr 22			grown, province.	(2,408.58)	0.00020878	0.00020878		(0.50)	
		SEVERANCE TAX	Apr 22				(13,631.05)	0.00020878	0.00020878		(2.84)	
		OVERRIDING ROYALTY	Apr 22		638.35	106.45	67,953.69	0.00020878	0.00020878	0.13	14.19	
		TRANSPORTATION	Apr 22		555.55	100.40		0.00020878	0.00020878	0.13		
		TRANSFORTATION	Apr 22				(536.46)	0.00020878	0.00020878		(0.11)	

					Proper	rty Values			Owner	Share	
		Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
		SEVERANCE TAX	Apr 22				(3,105.18)	0.00020878	0.00020878		(0.65)
		OVERRIDING ROYALTY	Apr 22		1,582.74	104.77	165,826.82	0.00020878	0.00020878	0.33	34.62
		TRANSPORTATION	Apr 22				(1,330.11)	0.00020878	0.00020878		(0.28)
		SEVERANCE TAX	Apr 22				(7,576.74)	0.00020878	0.00020878		(1.58)
		OVERRIDING ROYALTY	May 22		3,203.16	108.44	347,336.13	0.00020878	0.00020878	0.67	72.52
		TRANSPORTATION	May 22				(1,945.28)	0.00020878	0.00020878		(0.41)
		SEVERANCE TAX	May 22				(15,908.00)	0.00020878	0.00020878		(3.32)
		OVERRIDING ROYALTY	May 22		791.55	111.05	87,902.76	0.00020878	0.00020878	0.17	18.35
		TRANSPORTATION	May 22				(480.71)	0.00020878	0.00020878		(0.10)
		SEVERANCE TAX	May 22				(4,026.36)	0.00020878	0.00020878		(0.84)
		OVERRIDING ROYALTY	May 22		962.10	111.42	107,192.66	0.00020878	0.00020878	0.20	22.38
		TRANSPORTATION	May 22				(584.28)	0.00020878	0.00020878		(0.12)
		SEVERANCE TAX	May 22				(4,910.00)	0.00020878	0.00020878		(1.02)
		OVERRIDING ROYALTY	Jun 22		784.49	117.72	92,351.21	0.00020878	0.00020878	0.16	19.28
		TRANSPORTATION	Jun 22				(476.42)	0.00020878	0.00020878	55	(0.10)
		SEVERANCE TAX	Jun 22				(4,231.14)	0.00020878	0.00020878		(0.88)
		OVERRIDING ROYALTY	Jun 22		2,086.60	115.35	240,696.93	0.00020878	0.00020878	0.44	50.25
		TRANSPORTATION	Jun 22		2,555.55		(1,267.19)	0.00020878	0.00020878	0.44	(0.26)
		SEVERANCE TAX	Jun 22				(11,026.81)	0.00020878	0.00020878		(2.30)
		OVERRIDING ROYALTY	Jun 22		1,430.39	117.35	167,850.96	0.00020878	0.00020878	0.30	35.04
		TRANSPORTATION	Jun 22		1, 100.00	117.00	(868.68)	0.00020878	0.00020878	0.50	(0.18)
		SEVERANCE TAX	Jun 22				(7,690.12)	0.00020878	0.00020878		
		CEVERORIOE IVOC	oun ZZ				(7,030.12)	0.00020676	Total OIL	3.07	(1.60) 318.57
PPROD									IOIAI OIL	3.07	310.57
		OVERRIDING ROYALTY	Apr 22		77,121.97	1.06	81,500.79	0.00020878	0.00020878	16.10	17.02
		PURCHASER ADJ OR POST PROD. EXPENSE	Apr 22				(3,041.53)	0.00020878	0.00020878		(0.64)
		SEVERANCE TAX	Apr 22				(5,884.44)	0.00020878	0.00020878		(1.23)
		OVERRIDING ROYALTY	May 22		69,592.65	1.03	72,018.30	0.00020878	0.00020878	14.53	15.04
		PURCHASER ADJ OR POST PROD. EXPENSE	May 22				(2,868.64)	0.00020878	0.00020878		(0.60)
		SEVERANCE TAX	May 22				(5,186.22)	0.00020878	0.00020878		(1.08)
									Total PPROD	30.63	28.51
									Total Property		363.22
Property:	8453.01	GIBSON UNI	T 28-21 13SH, State: 1	ΓΧ, County: Η	OWARD						
GAS								1			
		OVERRIDING ROYALTY	Apr 22	0.9567	5,172.00	4.47	23,103.13	0.00020878	0.00020878	1.08	4.82
		PURCHASER ADJ OR POST PROD. EXPENSE	Apr 22				(2,094.46)	0.00020878	0.00020878		(0.44)
		SEVERANCE TAX	Apr 22				(1,373.79)	0.00020878	0.00020878		(0.29)
		OVERRIDING ROYALTY	Apr 22	0.9567	(5,172.00)	4.47	(23,103.13)	0.00020878	0.00020878	(1.08)	(4.82)
		PURCHASER ADJ OR POST PROD. EXPENSE	Apr 22				2,094.46	0.00020878	0.00020878		0.44
		SEVERANCE TAX	Apr 22				1,373.79	0.00020878	0.00020878		0.29

			Property Values					Owner	Share	
	Туре	Production Date	BTU	Volume	Price	Value	Owner Interest	Distribution Interest	Volume	Value
	OVERRIDING ROYALTY	Apr 22	0.9567	5,172.00	4.47	23,103.13	0.00020878	0.00020878	1.08	4.82
	PURCHASER ADJ OR POST PROD. EXPENSE	Apr 22				(2,094.46)	0.00020878	0.00020878		(0.44)
	SEVERANCE TAX	Apr 22				(1,434.50)	0.00020878	0.00020878		(0.30)
	OVERRIDING ROYALTY	May 22	0.9429	5,518.00	5.88	32,449.50	0.00020878	0.00020878	1.15	6.77
	PURCHASER ADJ OR POST PROD. EXPENSE	May 22				(2,201.60)	0.00020878	0.00020878		(0.46)
	SEVERANCE TAX	May 22				(2,115.06)	0.00020878	0.00020878		(0.44)
		1					r	Total GAS	2.23	9.95
OIL	OVERRIDING ROYALTY	A == 22		0.400.07	101.10	040 507 04	0.00000070	0.0000070		
	TRANSPORTATION	Apr 22		2,108.97	104.10	219,537.61	0.00020878	0.00020878	0.44	45.84
	SEVERANCE TAX	Apr 22				(1,772.35)	0.00020878	0.00020878		(0.37)
		Apr 22		4 404 00	10177	(10,030.38)	0.00020878	0.00020878		(2.09)
	OVERRIDING ROYALTY	Apr 22		1,164.66	104.77	122,023.75	0.00020878	0.00020878	0.24	25.48
	TRANSPORTATION	Apr 22				(978.77)	0.00020878	0.00020878		(0.20)
	SEVERANCE TAX	Apr 22		100 70	100.15	(5,575.35)	0.00020878	0.00020878		(1.16)
	OVERRIDING ROYALTY	Apr 22		469.73	106.45	50,003.74	0.00020878	0.00020878	0.10	10.44
	TRANSPORTATION	Apr 22				(394.75)	0.00020878	0.00020878		(0.08)
	SEVERANCE TAX	Apr 22				(2,284.95)	0.00020878	0.00020878		(0.48)
	OVERRIDING ROYALTY	Apr 22		235.09	106.95	25,143.26	0.00020878	0.00020878	0.05	5.25
	TRANSPORTATION	Apr 22				(197.57)	0.00020878	0.00020878		(0.04)
	SEVERANCE TAX	Apr 22				(1,148.97)	0.00020878	0.00020878		(0.24)
	OVERRIDING ROYALTY	May 22		2,951.42	108.44	320,038.59	0.00020878	0.00020878	0.62	66.82
	TRANSPORTATION	May 22				(1,792.40)	0.00020878	0.00020878		(0.37)
	SEVERANCE TAX	May 22				(14,657.77)	0.00020878	0.00020878		(3.06)
	OVERRIDING ROYALTY	May 22		729.34	111.05	80,994.25	0.00020878	0.00020878	0.15	16.91
	TRANSPORTATION	May 22				(442.93)	0.00020878	0.00020878		(0.09)
	SEVERANCE TAX	May 22				(3,709.92)	0.00020878	0.00020878		(0.77)
	OVERRIDING ROYALTY	May 22		886.49	111.42	98,768.55	0.00020878	0.00020878	0.19	20.62
	TRANSPORTATION	May 22				(538.37)	0.00020878	0.00020878		(0.11)
	SEVERANCE TAX	May 22				(4,524.13)	0.00020878	0.00020878		(0.94)
	OVERRIDING ROYALTY	Jun 22		703.74	117.72	82,845.22	0.00020878	0.00020878	0.15	17.30
	TRANSPORTATION	Jun 22				(427.38)	0.00020878	0.00020878		(0.09)
	SEVERANCE TAX	Jun 22				(3,795.62)	0.00020878	0.00020878		(0.79)
	OVERRIDING ROYALTY	Jun 22		1,871.81	115.35	215,920.12	0.00020878	0.00020878	0.39	45.08
	TRANSPORTATION	Jun 22				(1,136.75)	0.00020878	0.00020878		(0.24)
	SEVERANCE TAX	Jun 22				(9,891.74)	0.00020878	0.00020878		(2.06)
	OVERRIDING ROYALTY	Jun 22		1,283.15	117.35	150,572.89	0.00020878	0.00020878	0.27	31.44
	TRANSPORTATION	Jun 22				(779.26)	0.00020878	0.00020878		(0.16)
	SEVERANCE TAX	Jun 22				(6,898.53)	0.00020878	0.00020878		(1.44)
PPROD		1				·	1	Total OIL	2.60	270.40
TEROD	OVERRIDING ROYALTY	Apr 22		43,825.40	1.06	46,313.71	0.00020878	0.00020878	9.15	9.67
	PURCHASER ADJ OR POST PROD. EXPENSE	Apr 22				(1,728.38)	0.00020878	0.00020878		(0.36)

Check Number 0005	031957 Owne	er	Operator CALLON PETROLEUM OPERATING CO										
				Prope	rty Values			Owner S	Share				
	Туре	Production Date	BTU	Volume	Price	Value	Owner Interest		Volume	Value			
	SEVERANCE TAX	Apr 22				(3,343.90)	0.00020878	0.00020878		(0.70)			
	OVERRIDING ROYALTY	May 22		45,840.99	1.03	47,438.77	0.00020878	0.00020878	9.57	9.90			
	PURCHASER ADJ OR POST EXPENSE	T PROD. May 22				(1,889.58)	0.00020878	0.00020878		(0.39)			
	SEVERANCE TAX	May 22				(3,416.19)	0.00020878	0.00020878		(0.71)			
								Total PPROD	18.72	17.41			
								Total Property		297.76			

	Owner Gross Value	Owner Deductions	Owner Taxes	Non Revenue Deductions	Owner Net Value
Check Total	2,987.28	(30.55)	(142.32)		2,814.41
Year to Date	2,987.28				2,814.41





GIBSON UNIT 28-21

Lease #: 421051030

Lease and Production Information

State	County	Operator				
TX	Howard	CALLON PETROLEUM OPERATING CO				
Location			Meridan Quarter Call	Formation	Horizontal	Production Months
API: 42-227-40698 API: 42-227-40699 API: 42-227-40700 API: 42-227-40701 API: 42-227-40947	{ Sec: 28 · Blk: 33 T3N · Sur { Sec: 28 · Blk: 33 T3N · Sur	vey: T&P RR CO / ALLEN, C T · Abstract: 1237 } vey: T&P RR CO / ALLEN, C T · Abstract: 1237 } vey: T&P RR CO / ALLEN, C T · Abstract: 1237 } vey: T&P RR CO / ALLEN, C T · Abstract: 1237 } vey: T&P RR CO / ALLEN, C T · Abstract: 1237 } vey: T&P RR CO/ ALLEN, C T · Abstract: 1237 } vey: T&P RR CO/ ALLEN, C T · Abstract: 1237 } vey: T&P RR CO/ ALLEN, C T · Abstract: 1237 }	42	SPRABERRY (TREND AREA)	Yes	49
		Oil		Gas		
First Prod Date		2018-08-01		2018-08-01		
Last Sale		2022-08-01		2022-08-01		
Daily Rate		1048.68		2608.61		
MoM Change		-3595		-1681		
YoY Change		701387		893582		
Cumulative		1221376		1344039		

Production Snapshot

Month	ВОРМ	МСГРМ
09-2021	85771	48098
10-2021	121594	69545
11-2021	104383	85311
12-2021	87523	94423
01-2022	75611	93721
02-2022	53444	77458
03-2022	52163	84989
04-2022	45116	85656
05-2022	38526	77425
06-2022	36140	77103
07-2022	36104	82548
08-2022	32509	80867
Average	64074	79762

Annual Averages

Year	Avg BOPM	Avg MCFPM	
2018	33031	18846	
2019	13802	14030	
2020	6520	7174	
2021	36895	27966	
2022	46202	82471	

11/26/22, 7:12 AM PetroBase Explorer

PetroBase

GIBSON UNIT 28-21 - Production Plot





Associated Wells Total Well Count: 7

Well Name		AF	PI	Operator					Туре	Status
GIBSON UNIT 28	3-21 11SH	42	22740948	CALLON PETROL	EUM O	PERATING	СО		O&G	PRODUCING
Location					Spot	Foot-NS	Foot-EW	Foot-ref	Zone	
Sec: 28 · Blk: 33	T3N · Survey: T&P I	RR CO/ ALLEN	, C T · Abstract: 1237	7		321	1446	SOUTH WEST	SPRAB	ERRY (TREND AREA)
Spud	Com	pletion			Fir	st Producti	ion			
	2021	1-08-26								
Elevation	MD	TV-TD	Cmpl-Top	Ci	mpl-Btn	n	PB ⁻	TD Dr	ill-Dir	Lateral
		7828								
Prod Csg	csg 2: 9 5/8' csg 3: 9 5/8' csg 4: 7" @	' @ 7094' w/ 46 ' @ 7094' w/ 54 9664' w/ 2902 s ' @ 17938' w/ 2	.74 sx cmt toc @ 0 .8 sx cmt multi stage (.3 sx cmt toc @ 3195 sx cmt toc @ 642 .902 sx cmt toc @ 642		0					

Well Name			API	Operator				Тур	oe Status	
GIBSON UNIT 28-2	IBSON UNIT 28-21 12SH 4222740699			CALLON PETROLEU	CALLON PETROLEUM OPERATING CO					
Location				Spot	Foot-NS	Foot-EW	Foot-ref	Zone		
Sec: 28 · Blk: 33 T3	3N · Survey: T&P	RR CO / ALLE	N, C T · Abstract: 1237		261	2571	SOUTH WEST	SPRABERR	Y (TREND AREA)	
Spud	Con	npletion		Fir	st Producti	on				
	202	1-08-17								
Elevation	MD	TV-TD	Cmpl-Top	Cmpl-Btn	า	PB1	ΓD Drill	-Dir	Lateral	
		7000								

7809

csg 1: 13 3/8" @ 1285' w/ 874 sx cmt toc @ 0

csg 2: 9 5/8" @ 7152' w/ 468 sx cmt multi stage @ 3187' toc @ 100

csg 3: 9 5/8" @ 7152' w/ 567 sx cmt toc @ 3162 Prod Csg

csg 4: 7" @ 7697' w/ 2868 sx cmt toc @ 3540 csg 5: 5 1/2" @ 17908' w/ 2868 sx cmt toc @ 3540

tbg 1: 2 7/8" @ 7163'

Well Name		4	API	Operator				Туре	Status
GIBSON UNIT 28	3-21 13SH	2	1222740701	CALLON PETROLEUM OPERATING CO				O&G	SHUT IN
Location				Spot	Foot-NS	Foot-EW	Foot-ref	Zone	
Sec: 28 · Blk: 33	T3N · Survey: T&P	RR CO / ALLEN,	C T · Abstract: 1237		321	2602	SOUTH WEST	SPRABERRY (T	REND AREA)
Spud	Con	npletion		Fir	st Producti	on			
	202	1-08-17							
Elevation	MD	TV-TD	Cmpl-Top	Cmpl-Btn	n	PBT	D Drill-	Dir	Lateral
		7796							
Prod Csg	csg 2: 9 5/ csg 3: 9 5/ csg 4: 7" @	8" @ 7190' w/ 48 8" @ 7190' w/ 57 0 11288' w/ 2851 2" @ 17762' w/ 2	74 sx cmt toc @ 0 3 sx cmt multi stage @ 2 sx cmt toc @ 3162 sx cmt toc @ 5000 851 sx cmt toc @ 5000	·					

Well Name		A	\PI	Operator				Type	Status
GIBSON UNIT 28-21	3AH	4	222740947	CALLON PETROLEUM O	PERATING (CO		O&G	PRODUCING
Location				Spot	Foot-NS	Foot-EW	Foot-ref	Zone	
Sec: 28 · Blk: 33 T3N	· Survey: T&P	RR CO/ ALLE	EN, C T · Abstract: 12	37	261	1442	SOUTH WEST	SPRABE	RRY (TREND AREA)
Spud	Con	npletion		F	irst Product	ion			
	202	1-08-24							
Elevation	MD	TV-TD	Cmpl-Top	Cmpl-Bt	m	РВ	TD Dri	I-Dir	Lateral
		8210							

csg 1: 13 3/8" @ 1258' w/ 874 sx cmt toc @ 0

csg 2: 9 5/8" @ 7500' w/ 468 sx cmt multi stage @ 3217' toc @ 0

csg 3: 9 5/8" @ 7500' w/ 584 sx cmt toc @ 3192 csg 4: 7" @ 8595' w/ 2925 sx cmt toc @ 4403

csg 5: 5 1/2" @ 18330' w/ 2925 sx cmt toc @ 4403

tbg 1: 2 7/8" @ 7505'

Prod Csg

11/26/22, 7:12 AM PetroBase Explorer

Well Name		API		Operator					Type	Status
GIBSON UNIT 2	8-21 4AH	4222	740698	CALLON PETRO	DLEUM OP	ERATING C	0		O&G	PRODUCING
Location					Spot	Foot-NS	Foot-EW	Foot-ref	Zone	
Sec: 28 · Blk: 33	T3N · Survey: T&P	RR CO / ALLEN,	C T · Abstract: 1	237		321	2572	SOUTH WEST	SPRABE	RRY (TREND AREA)
Spud	Com	pletion			Fir	st Production	on			
	202	1-08-18								
Elevation	MD	TV-TD	Cmpl-Top	•	Cmpl-Btm	ı	PBT	D Drill-	Dir	Lateral
		8186								
Prod Csg	csg 2: 9 5/8 csg 3: 9 5/8 csg 4: 7" @	" @ 7555' w/ 605 10347' w/ 2922 s " @ 18295' w/ 29	sx cmt multi stag sx cmt toc @ 31 x cmt toc @ 583	ge @ 3218' toc @ 1 32	00					

Well Name		AP	I	Operator					Туре	Status
GIBSON UNIT 28-2	21 5AH	422	22740700	CALLON PETROLEU	ЈМ ОРІ	ERATING C	0		O&G	PRODUCING
Location					Spot	Foot-NS	Foot-EW	Foot-ref	Zone	
Sec: 28 · Blk: 33 T3	BN · Survey: T&P	RR CO / ALLEN	N, C T · Abstract: 12	237		261	2599	SOUTH WEST	SPRAE	BERRY (TREND AREA)
Spud	Con	npletion			Firs	st Production	on			
	202	1-08-17								
Elevation	MD	TV-TD	Cmpl-Top	Cm	pl-Btm	1	PBT	D D	ill-Dir	Lateral
		8167								

csg 1: 13 3/8" @ 1278' w/ 874 sx cmt toc @ 0 csg 2: 9 5/8" @ 7562' w/ 468 sx cmt multi stage @ 3140' toc @ 100

csg 3: 9 5/8" @ 7562' w/ 602 sx cmt toc @ 3115 csg 4: 7" @ 8351' w/ 2921 sx cmt toc @ 3357

csg 5: 5 1/2" @ 18385' w/ 2921 sx cmt toc @ 3357

tbg 1: 2 7/8" @ 7621'

Prod Csg

11/26/22, 7:12 AM PetroBase Explorer

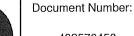
Well Name		API		Operator					Type	Status
GIBSON UNIT 2	8-21 6AH	4222	739523	CALLON PETROLEU	M OPERA	TING CO			OIL	PRODUCING
Location					Spot	Foot-NS	Foot-EW	Foot-ref	Zone	
Sec: 28 · Blk: 33	T3N · Survey: T&P	RR CO / ALLEN,	C T · Abstract: 123	37		416	1473	SE	SPRABER	RY (TREND AREA)
Spud	Con	pletion			First P	roduction				
	2018	3-08-19								
Elevation	MD	TV-TD	Cmpl-Top	Cmp	ol-Btm		PBTD	Dri	II-Dir	Lateral
		8171								
Prod Csg	csg 2: 9 5/8 csg 3: 9 5/8 csg 4: 7" @	" @ 7440' w/ 737 " @ 7440' w/ 475 9486' w/ 3096 sx " @ 18120' w/ 30	1 sx cmt toc @ 0 sx cmt multi stage sx cmt toc @ 4518 c cmt toc @ 3500 96 sx cmt toc @ 35							



FORM Rev

State of Colorado





402576450

12/20 Phone: (303) 894-2100 Fax: (303) 894-2109	R
APPLICATION FOR PERMIT TO:	Date Received:` 01/27/2021
X Drill Deepen Re-enter Recomplete and Operate	Amend
TYPE OF WELL OIL X GAS COALBED OTHER:	Refile
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES	Sidetrack
Well Name: BLEHM WEST Well Number: 1X-HNB-07-07-67	
Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operat	tor Number: 10669
Address: 1600 STOUT STREET SUITE 1850	
City: DENVER State: CO Zip: 80202	
Contact Name: JENNIFER LIND Phone: (303)406-1117 Fax: ()	
Email: JENNIFER.LIND@NICKELROADOPERATING.COM	
RECLAMATION FINANCIAL ASSURANCE	
Plugging and Abandonment Bond Surety ID: 20200034	
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: -104.890975	
	of Measurement: 12/07/2017
Ground Elevation: 5088	
Field Name: WATTENBERG Field Number: 90750	
Well Plan: is Directional X Horizontal (highly deviated) Vertial	
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: 480	FNL 460 FEL
Measured Depth of TPZ: 9236 True Vertical Depth of TPZ: 6925	FNL/FSL FEL/FWL
Base of Productive Zone (BPZ)	
Sec: 7 Twp: 7N Rng: 67W Footage at TPZ: 480	FNL 460 FWL
Measured Depth of TPZ: 18480 True Vertical Depth of TPZ: 6920	FNL/FSL FEL/FWL
Bottom Hole Location (BHL)	
Sec: 7 Twp: 7N Rng: 67W Footage at BHL: 480	FNL 460 FWL
	NL/FSL FEL/FWL

County: WELD	Municipalit	ty: N/A				
Is the Surface Location of this Well in	an area designated as one	of State interest	and subject	ct to the require	ments of §	
24-65.1-108 C.R.S.? Yes						
Per § 34-60-106(1)(f)(I)(A) C.R.S., the proposed Oil and Gas Location.	following questions pertain	n to the Relevant	Local Gov	ernment approv	al of the siting	of the
SB 19-181 provides that when "applyir permit and the disposition of that perm (A) C.R.S.	ng for a permit to drill," ope nit application, or that the lo	rators must included a contract contrac	de proof tha does not ha	at they sought a ave siting regula	l local governm tions. § 34-60-	ent siting 106(1)(f)(I)
Does the Relevant Local Government	regulate the siting of Oil ar	nd Gas Locations	, with respe	ect to this Locat	ion? X Ye	es No
If yes, in checking this box, I her the siting of the proposed oil and	eby certify that an applicati I gas location.	on has been filed	d with the lo	ocal governmen	t with jurisdiction	on to approve
The disposition of the application filed	with the Relevant Local Go	overnment is: A	pproved	Date of Fina	al Disposition:	09/03/2020
Comments: 1041WOGLA20-0076						
SURFACE AND MINERAL OW LOCATION	/NERSHIP AT WELL'S	S OIL & GAS				
Surface Owner of the land at this Well'	's Oil and Gas Location:	X Fee	State	Federal	Indian	
 Mineral Owner beneath this Well's Oil		X Fee	State	Federal	Indian	
Surface Owner Protection Financial As				ety ID Number	(if applicable):	
MINERALS DEVELOPED E WELL					-	
The ownership of all the minerals t X Fee State Federal Indian N/A	hat will be developed by th	is Well is (check	all that app	oly):		
LEASE INFORMATION Using standard QtrQtr, Section, Town * If this Well is within a unit, describe * If this Well is not subject to a unit, d (Attach a Lease Map or Lease Descri	a lease that will be develop lescribe the lease that will b	ped by the Well. se produced by th		as follows:		
SEE ATTACHED LEASE MAP						
Total Acres in Described Lease:	142 Described M	lineral Lease is:	X Fee	State	Federal	Indian
Federal or State Lease #						
SAFETY SETBACK INFORMATION						
Distance from Well to nearest:			INSTRUCTION	ONS:		
Building:	2117 Feet			distances per Ru		
Building Unit:	2117 Feet		1	O for distance gre nearest building		1
Public Road:	338 Feet		Building is	a Building Unit, e		!
Above Ground Utility:	307 Feet		both. - Building U	Jnit – as defined i	n 100 Series Rul	es.
				as acimica i		
Railroad:	5280 Feet				A STATE OF THE STA	

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	SEC.7&8:ALL
Federal or State Unit	Name (if appl):		U	nit Number:
SUBSURFACE MIN	ERAL	Enter 5280 for distar	nce greater than 1 mile.	
SETBACKS				
,				
Is this Well within a unit	? Yes			
If YES:	diatawaa fuawa th	a Campleted Zone of this M	Vall to the Unit Doundary	100
		e Completed Zone of this W		460 Feet
			Vell to the Completed Zone of a	n onset wen within the same
•	completed in the sa	ame formation: 619	Feet	
If NO:			Lie de la complème de la comp	hadlaaa.
			to the Lease Line of the descri	
			I to the Completed Zone of an o	ffset Well producing from
the same lease and	permitted or comp	pleted in the same formation	n: Feet	
Exception Location				
If this Well requires	the approval of a l	Rule 401.c Exception Locat	ion, enter the Rule or spacing o	rder number and attach the
Exception Location	Request and Waiv	rers.		
	TIONIO OOMM	ENTO		
SPACING & FORMA	TIONS COMM	ENIS		
,				
DRILLING PROGRA	М			
Proposed Total Measur	ed Depth:18480) Feet TV	D at Proposed Total Measured	Depth 6920 Feet
Distance from the propo	sed wellbore to ne	earest existing or proposed	wellbore belonging to another o	perator, including plugged wells:
Enter distance if less that	an or equal to 1,50	0 feet: 935 Feet	No well belonging to ano	ther operator within 1,500 feet
Will a closed-loop drillin	g system be used?	Yes		
Is H2S gas reasonably	expected to be end	ountered during drilling ope	erations at concentrations greate	er than
or equal to 100 ppm?	No If yes, atta	ach an H2S Drilling Plan unle	ess a plan was already submitted	with the Form 2A per Rule 304.c.(10).
Will there be hydraulic f	racture treatment a	t a depth less than 2,000 fe	eet in this well? No No	
Will salt sections be end	countered during d	rilling? No		
Will salt based (>15,000) ppm Cl) drilling flu	uids be used? No	_	
Will oil based drilling flu	ids be used?	Yes		
BOP Equipment Type:	Annular Prever	ntor 🗵 Double Ram	Rotating Head	None
Beneficial reuse or la	and application plar	submitted? No		
Reuse Facility ID:_		or Document Number:	·	

CASING PR	OGRAM								
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	<u>Cmt</u> <u>Top</u>
CONDUCTOR	24	16	N/A	42	0	80	100	80	0
SURF	13+1/2	9+5/8	K55	36	0	1500	415	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	18480	2440	18480	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> 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	4745	4207			
Hydrocarbon	SUSSEX	4745	4207	5305	4556			
Hydrocarbon	SHANNON	5305	4556	5348	4585			
Confining Layer	PIERRE SHALE	5348	4585	8885	6822			
Hydrocarbon	NIOBRARA	8885	6822	18480	6920			Btm MD=TD, Btm TVD=TVD @ BHL

OPERATOR COMMENTS AND SUBMITTAL

Com	men	ts
-----	-----	----

935'. Distance to nearest wellbore belonging to another operator measured to the RIO GRANDE 8-67-33-4C (ENERPLUS / 05-123-44902 / XX). There are no other operator wells with treated interval less 175' from the treated interval of the proposed well. Distance measured in 2D map view.

This appli	cation is in a Comprehensive Area Plan	No	CAP #:		_
Oil and G	as Development Plan Name			OGDP ID	#:
Location I	D: 478497				
I hereby	certify all statements made in this form are,	to the best of m	ny knowledge, true	e, correct, ar	nd complete.
Signed:			Print Name: JE	ENNIFER LI	ND

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

Based on the information provided herein, this Application for Pe SB 19-181 and is hereby approved.	ermit-to-Drill complies with COGCC	Rules, applicable orders, and
COGCC Approved:	Director of COGCC Date:	2/25/2021
API NUMBER	Expiration Date:	02/24/2024
05 123 51534 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>
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 317.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.

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: One of the first wells drilled on the pad will be 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 openhole 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 openhole 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)

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection. http://cogcc.state.co.us/documents/reg/Policies/Wildlife_Notice.pdf

Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area. http://cogcc.state.co.us/documents/reg/Policies/PolicyGwaBradenheadMonitoringFinal.pdf

Attachment List

Att Doc Num	<u>Name</u>
402576450	APD APPROVED
402583747	OffsetWellEvaluations Data
402583765	DEVIATED DRILLING PLAN
402583766	WELL LOCATION PLAT
402583767	DIRECTIONAL DATA
402583770	LEASE MAP
402610889	OFFSET WELL EVALUATION
402610890	FORM 2 SUBMITTED
402610903	PUBLIC COMMENT-0

Total Attach: 9 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed.	02/25/2021
OGLA	This Location and its associated materials was fully reviewed in the review of this APD in accordance with current Rules. See Sundry doc #402591420 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.	02/24/2021
Engineer	Revised distance to nearest non-operated well from 310' to 935', per Operator.	02/23/2021
Permit	Permitting Review Complete.	02/02/2021
Engineer	Offset Wells Evaluated.	02/02/2021

Total: 5 comment(s)

FORM 2

State of Colorado

Oil and Gas Conservation Commission





Document Number:

402576475

APPLICATION FOR PERMIT TO: Date Received:` 01/27/2021 X Drill
TYPE OF WELL OIL X GAS COALBED OTHER: ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES Sidetrack Well Name: BLEHM WEST Well Number: 2X-HNC-07-07-67 Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operator Number: 10669 Address: 1600 STOUT STREET SUITE 1850 City: DENVER State: CO Zip: 80202 Contact Name: JENNIFER LIND Phone: (303)406-1117 Fax: () Email: JENNIFER.LIND@NICKELROADOPERATING.COM
TYPE OF WELL OIL X GAS COALBED OTHER: ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES Sidetrack Well Name: BLEHM WEST Well Number: 2X-HNC-07-07-67 Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operator Number: 10669 Address: 1600 STOUT STREET SUITE 1850 City: DENVER State: CO Zip: 80202 Contact Name: JENNIFER LIND Phone: (303)406-1117 Fax: () Email: JENNIFER.LIND@NICKELROADOPERATING.COM
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City: DENVER State: CO Zip: 80202 Contact Name: JENNIFER LIND Phone: (303)406-1117 Fax: () Email: JENNIFER.LIND@NICKELROADOPERATING.COM
Contact Name: JENNIFER LIND Phone: (303)406-1117 Fax: () Email: JENNIFER.LIND@NICKELROADOPERATING.COM
Email: JENNIFER.LIND@NICKELROADOPERATING.COM
RECLAMATION FINANCIAL ASSUBANCE
The Committee of the Co
Plugging and Abandonment Bond Surety ID: 20200034
WELL LOCATION INFORMATION
Surface Location QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6 FNL/FSL FEL/FWL Footage at Surface: 380 Feet FNL 653 Feet FEL Latitude: 40.594914 Longitude: -104.890981 GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 01/14/2020 Ground Elevation: 5088 Field Name: WATTENBERG Field Number: 90750 Well Plan: is Directional X Horizontal (highly deviated) Vertial 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: 1097 FNL 460 FEL FEL/FWL
Measured Depth of TPZ: 9343 True Vertical Depth of TPZ: 7030
Base of Productive Zone (BPZ)
Sec: 7 Twp: 7N Rng: 67W Footage at TPZ: 1098 FNL 460 FWL
Measured Depth of TPZ: 18581 True Vertical Depth of TPZ: 7015 FNL/FSL FEL/FWL
Bottom Hole Location (BHL)
Sec: 7 Twp: 7N Rng: 67W Footage at BHL: 1098 FNL 460 FWL
FNL/FSL FEL/FWL

County: WELD Municipality: N/A	
Is the Surface Location of this Well in an area designated as one of State inter	rest and subject to the requirements of §
24-65.1-108 C.R.S.? Yes	
Per § 34-60-106(1)(f)(I)(A) C.R.S., the following questions pertain to the Relev proposed Oil and Gas Location.	ant Local Government approval of the siting of the
SB 19-181 provides that when "applying for a permit to drill," operators must in permit and the disposition of that permit application, or that the local governme (A) C.R.S.	clude proof that they sought a local government siting nt does not have siting regulations. § 34-60-106(1)(f)(I)
Does the Relevant Local Government regulate the siting of Oil and Gas Location	ons, with respect to this Location? X Yes No
If yes, in checking this box, I hereby certify that an application has been to the siting of the proposed oil and gas location.	iled with the local government with jurisdiction to approve
The disposition of the application filed with the Relevant Local Government is:	Approved Date of Final Disposition: 09/03/2020
Comments: 1041WOGLA20-0076	
SURFACE AND MINERAL OWNERSHIP AT WELL'S OIL & GALLOCATION	S
Surface Owner of the land at this Well's Oil and Gas Location:	State Federal Indian
Mineral Owner beneath this Well's Oil and Gas Location:	State Federal Indian
Surface Owner Protection Financial Assurance (if applicable):	Surety ID Number (if applicable):
MINERALS DEVELOPED BY WELL	
The ownership of all the minerals that will be developed by this Well is (che X Fee State Federal Indian N/A	eck all that apply):
LEASE INFORMATION	
Using standard QtrQtr, Section, Township, Range format describe one entire * If this Well is within a unit, describe a lease that will be developed by the We * If this Well is not subject to a unit, describe the lease that will be produced by the Catach a Lease Map or Lease Description or Lease if necessary.)	ell.
SEE ATTACHED LEASE MAP	
Total Acres in Described Lease: 142 Described Mineral Lease	s: X Fee State Federal Indian
Federal or State Lease #	
SAFETY SETBACK	
INFORMATION	
Distance from Well to nearest:	INSTRUCTIONS:
Building: 2109 Feet	- Specify all distances per Rule 308.b.(1).
Building Unit: 2109 Feet	- Enter 5280 for distance greater than 1 mile Building - nearest building of any type. If nearest
Public Road: 368 Feet	Building is a Building Unit, enter same distance for
Above Ground Utility: 337 Feet	both Building Unit – as defined in 100 Series Rules.
WILLIAM TOWN AND THE TOWN TO THE TOWN TO THE TOWN TO THE TOWN TOWN TO THE TOWN TOWN TO THE	22,000,000,000,000,000,000,000,000,000,
Railroad: 5280 Feet	Land Control of the C

Prop	perty Line:	359 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	SEC.7&8:ALL
Federal or State Unit	_			nit Number:
SUBSURFACE MIN SETBACKS	ERAL	Enter 5280 for distar	nce greater than 1 mile.	
Is this Well within a unit	t? Yes			
If YES:				
		e Completed Zone of this W		460 Feet
			Vell to the Completed Zone of a	n offset Well within the same
•	completed in the s	ame formation: 618	Feet	
If NO:	diatango from the (Completed Zone of this Well	I to the Lease Line of the descri	had lease.
		•	I to the Completed Zone of an o	
		pleted in the same formation		mot from producing from
	pomiliou or oom			
Exception Location	the approval of a	Rule 401 c Evention Locat	ion, enter the Rule or spacing o	rder number and attach the
Exception Location			ion, onto the ridio of opacing o	and and an
	1			
SPACING & FORMA	TIONS COMM	ENTS		
DRILLING PROGRA	.M			
Proposed Total Measur	ed Depth: 1858	1 Feet TV	D at Proposed Total Measured	Depth 7015 Feet
Distance from the propo	osed wellbore to ne	earest existing or proposed	wellbore belonging to another o	perator, including plugged wells:
Enter distance if less that	an or equal to 1,50	00 feet: Feet	No well belonging to and	ther operator within 1,500 feet
Will a closed-loop drillin	g system be used	? Yes		
Is H2S gas reasonably	·		erations at concentrations greate	
or equal to 100 ppm?				with the Form 2A per Rule 304.c.(10).
Will there be hydraulic f	racture treatment	at a depth less than 2,000 fe	eet in this well? No	
Will salt sections be end	countered during d	rilling? No		
Will salt based (>15,000	ppm CI) drilling fl	uids be used? No		
Will oil based drilling flu		Yes	_	Note:
BOP Equipment Type:	Annular Preve	ntor 🔽 Double Ram	Rotating Head	None
Beneficial reuse or la	and application pla	n submitted? No		
Reuse Facility ID:_		or Document Number:		

CASING PR	OGRAM								
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	<u>Cmt</u> Top
CONDUCTOR	24	16	N/A	42	0	80	100	80	0
SURF	13+1/2	9+5/8	K55	36	0	1500	415	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	18581	2400	18581	1000

Conductor Casing is NOT planned

POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	Formation /Hazard	<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	Data Source: 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	4776	4224			
Hydrocarbon	SUSSEX	4776	4224	5314	4573			
Hydrocarbon	SHANNON	5314	4573	5362	4602			
Confining Layer	PIERRE SHALE	5362	4602	8845	6839			
Confining Layer	NIOBRARA	8845	6839	18581	7015			Btm MD=TD, Btm TVD=TVD @ BHL

OPERATOR COMMENTS AND SUBMITTAL

Location ID: 478497

	Distance revised rom 250' to 1025' per of to the RIO GRANDE 8-67-33-4C (ENER interval less 175' from the treated interval	PLUS / 05-123	-44902 / XX). There are no	oother operator wells with treated
This applica	tion is in a Comprehensive Area Plan	No	CAP #:	
Oil and Gas	Development Plan Name		OGDP	ID#:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Print Name: JENNIFER LIND

Title: VP REG & ENV Date: 1/27/2021 Email: JENNIFER.LIND@NICKELRO

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

ased on the information provided herein, this Applicat B 19-181 and is hereby approved.	on for Permit-to-Drill complies with COGCC Ru	ıles, applicable orders, and
COGCC Approved:	Director of COGCC Date: 2/2	25/2021
API NUMBER	Expiration Date:	02/24/2024
05 123 51530 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>
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 317.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.

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: One of the first wells drilled on the pad will be 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 openhole 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 openhole 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)

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection. http://cogcc.state.co.us/documents/reg/Policies/Wildlife_Notice.pdf

Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area. http://cogcc.state.co.us/documents/reg/Policies/PolicyGwaBradenheadMonitoringFinal.pdf

Attachment List

Att Doc Num	<u>Name</u>
402576475	APD APPROVED
402584726	OffsetWellEvaluations Data
402584730	DEVIATED DRILLING PLAN
402584731	WELL LOCATION PLAT
402584732	DIRECTIONAL DATA
402584733	LEASE MAP
402610884	OFFSET WELL EVALUATION
402610891	FORM 2 SUBMITTED
402610898	PUBLIC COMMENT-0

Total Attach: 9 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed.	02/25/2021
OGLA	This Location and its associated materials was fully reviewed in the review of this APD in accordance with current Rules. See Sundry doc #402591420 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.	02/24/2021
Engineer	Revised distance to neareest non-operated well from 250' to 1025', per operator.	02/24/2021
Permit	Permitting Review Complete.	02/02/2021
Engineer	Offset Wells Evaluated.	02/02/2021

Total: 5 comment(s)

Page 6 of 6

FORM 2

State of Colorado





Document Number:

FORM State of Colorado	Document Number:
Oil and Gas Conservation Commission 1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109	402576482
APPLICATION FOR PERMIT TO:	Date Received:` 01/27/2021
X Drill Deepen Re-enter Recomplete and Operate	Amend
TYPE OF WELL OIL X GAS COALBED OTHER:	Refile
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES	Sidetrack
Well Name: BLEHM WEST Well Number: 3X-HC-07-07-67	
Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operator	Number: 10669
Address: 1600 STOUT STREET SUITE 1850	
City: DENVER State: CO Zip: 80202	
Contact Name: JENNIFER LIND Phone: (303)406-1117 Fax: ()	
Email: JENNIFER.LIND@NICKELROADOPERATING.COM_	
RECLAMATION FINANCIAL ASSURANCE	
Plugging and Abandonment Bond Surety ID:20200034	
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	
- Stage at Carlace.	
	Measurement: 11/14/2020
Ground Elevation: 5088	
Field Name: WATTENBERG Field Number: 90750	
ried Name. WATTENDERO	
Well Plan: is Directional X Horizontal (highly deviated) Vertial	
If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.	
Subsurface Locations	
Top of Productive Zone (TPZ)	
	FNL 460 FEL FEL/FWL
Measured Depth of TPZ: 9506 True Vertical Depth of TPZ: 7140	J. 52 LD1 WL
Base of Productive Zone (BPZ)	
Sec: 7 Twp: 7N Rng: 67W Footage at TPZ: 1717 I	FNL 460 FWL
Measured Depth of TPZ: 18737 True Vertical Depth of TPZ: 7130 FN	L/FSL FEL/FWL
Bottom Hole Location (BHL)	
Sec: 7 Twp: 7N Rng: 67W Footage at BHL: 1717 F	FNL 460 FWL
FNI	
	/FSL FEL/FWL

County: WELD		Municipality					
Is the Surface Location of this Well	in an area desiç	gnated as one o	of State intere	st and subje	ct to the require	ments of §	
24-65.1-108 C.R.S.? Yes							
Per § 34-60-106(1)(f)(I)(A) C.R.S., t proposed Oil and Gas Location.	he following que	estions pertain t	to the Relevar	nt Local Gov	rernment approv	al of the siting	of the
SB 19-181 provides that when "app permit and the disposition of that pe (A) C.R.S.	lying for a permi ermit application,	it to drill," opera , or that the loca	utors must incl al government	ude proof th does not ha	at they sought a ave siting regula	a local governm ations. § 34-60-	ent siting 106(1)(f)(I)
Does the Relevant Local Governme	nt regulate the s	siting of Oil and	Gas Location	s, with resp	ect to this Locat	ion? X Ye	es 🗌 No
If yes, in checking this box, I he siting of the proposed oil a	nereby certify tha and gas location	at an application	n has been file	ed with the lo	ocal governmen	t with jurisdiction	n to approve
The disposition of the application file	ed with the Rele	vant Local Gov	ernment is:	Approved	Date of Fin	al Disposition:	09/03/2020
Comments: 1041WOGLA20-0076)						
SURFACE AND MINERAL C	WNERSHIP	AT WELL'S	OIL & GAS				
Surface Owner of the land at this W	ell's Oil and Gas	s Location:	XFee	State	Federal	Indian	
Mineral Owner beneath this Well's (Oil and Gas Loca	ation:	X Fee	State	Federal	Indian	
Surface Owner Protection Financial			_	Sur	rety ID Number	(if applicable):	
MINERALS DEVELOPED WELL The ownership of all the mineral X Fee State Federal Indian N/A LEASE INFORMATION Using standard QtrQtr, Section, To * If this Well is within a unit, descri	Is that will be de wnship, Range t be a lease that v	format describe will be develope	e one entire med by the Well	neral lease			
* If this Well is not subject to a unit (Attach a Lease Map or Lease Des				the Well.			
SEE ATTACHED LEASE MAP		ava					
Total Acres in Described Lease:	142	Described Mir	neral Lease is:	X Fee	State	Federal	Indian
Federal or State Lease #							
SAFETY SETBACK INFORMATION							
Distance from Well to nearest:				INSTRUCTI	ONS:		
Building: 2101 Feet -Specify all distances per Rule 308.b.(1).							
Building Unit:	2101 Fee			- Enter 5280 for distance greater than 1 mile - Building - nearest building of any type. If no			i i
Public Road:	398 Fee			Building is	a Building Unit, e		1
Above Ground Utility:	367 Fee			both.	Init – as defined	in 100 Series Rule	es.
•	***************************************			- Building Unit – as defined in 100 Series Rules.			
Railroad:	5280 Fee	∂ι					

Proj	perty Line:	389 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	SEC.7&8: ALL	
Federal or State Uni	t Name (if appl):		U	nit Number:	
SUBSURFACE MIN	IERAL	Enter 5280 for dista	nce greater than 1 mile.		
SETBACKS					
La della MATA II sudalella sa suoi	40 V				
Is this Well within a uni	t? <u>Yes</u>				
If YES:	ım distance from th	e Completed Zone of this W	Vell to the Unit Boundary:	460 Feet	
		·	Vell to the Completed Zone of a		
	completed in the sa		Feet	TO OTO CONTROL WILLIAM THO CAME	
	completed in the 38		reet		
If NO:	diatanaa from tha C	Completed Zone of this Well	to the Lease Line of the descri	had lassa:	
		•	to the Completed Zone of an o		
				nset wen producing nom	
the same lease and	a permitted or comp	pleted in the same formation	1: Feet		
Exception Location					
If this Well requires the approval of a Rule 401.c Exception Location, enter the Rule or spacing order number and attach the					
Exception Location	Request and Waiv	ers. 			
SPACING & FORMA	ATIONS COMM	FNTS			
of Activa & Forting	TIONS COMM				
DRILLING PROGRA					
Proposed Total Measur			D at Proposed Total Measured		
Distance from the prop	osed wellbore to ne	earest existing or proposed	wellbore belonging to another o	perator, including plugged wells:	
Enter distance if less th	an or equal to 1,50	0 feet:1055	No well belonging to ano	ther operator within 1,500 feet	
Will a closed-loop drillir	ng system be used?	Yes			
Is H2S gas reasonably	expected to be enc	ountered during drilling ope	erations at concentrations greate	er than	
or equal to 100 ppm?	No If yes, atta	ach an H2S Drilling Plan unle	ess 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 (>15,00	0 ppm CI) drilling flu	uids be used? No	-		
Will oil based drilling flu	iids be used?	Yes			
BOP Equipment Type:	X Annular Prever	ntor 🔀 Double Ram	Rotating Head	None	
Beneficial reuse or la	and application plar	n submitted?No			
Reuse Facility ID:_		or Document Number:			

CASING PROGRAM Setting Sacks Cmt Btm <u>Cmt</u> Size of Size of Grade Wt/Ft Csg/Liner **Casing Type** Top **Depth** <u>Cmt</u> <u>Hole</u> Casing Top 100 80 0 80 CONDUCTOR 24 16 N/A 1500 0 SURF 9+5/8 K55 36 0 1500 415 13+1/2 HCP110 0 18737 2420 18737 1000 20 1ST 8+1/2 5+1/2

POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	Formation /Hazard	<u>Тор</u> М.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	Data Source: CSU - Domestic Water Analysis Report - Larry Moore Well - 176559 - 1065 mg/L
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	4762	4221			
Hydrocarbon	SUSSEX	4762	4221	5313	4570			
Hydrocarbon	SHANNON	5313	4570	5349	4599			
Confining Layer	PIERRE SHALE	5349	4599	8830	6836			
Hydrocarbon	NIOBRARA	8830	6836	9308	7107			
Confining Layer	FORT HAYS	9308	7107	9400	7130			
Hydrocarbon	CODELL	9400	7130	18737	7130			Btm MD=TD, Btm TVD=TVD @ BHL

OPERATOR COMMENTS AND SUBMITTAL

Comi	ment
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Revised distance to nearest non-operated well from 515' to 1055', per operator. Distance to nearest wellbore belonging to another operator measured to the RIO GRANDE 8-67-33-4C (ENERPLUS / 05-123-44902 / XX). There are no other operator wells with treated interval less 175' from the treated interval of the proposed well. Distance measured in 2D map view.

	map view.				
This appli	cation is in a Comprehensive Area Plan	No	CAP #:		_
Oil and G	as Development Plan Name			OGDP ID:	# :
Location I	D:478497				
I hereby	certify all statements made in this form are,	to the best of n	ny knowledge, tru	e, correct, a	nd complete.
Signed:			Print Name: J	ENNIFER LI	ND
Title:	VP REG & ENV	Date: _	1/27/2021	Email:	JENNIFER.LIND@NICKELRO

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

Conductor Casing is NOT planned

ased on the information provided herein, this Applica B 19-181 and is hereby approved.	ation for Permit-to-Drill complies with COGCC Rules, applicable orders, a
DGCC Approved:	Director of COGCC Date: 2/25/2021
API NUMBER	Expiration Date:02/24/2024
05 123 51528 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	Description
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 317.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.

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: One of the first wells drilled on the pad will be 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 openhole 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 openhole 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)

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection. http://cogcc.state.co.us/documents/reg/Policies/Wildlife_Notice.pdf

Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area. http://cogcc.state.co.us/documents/reg/Policies/PolicyGwaBradenheadMonitoringFinal.pdf

Attachment List

Att Doc Num	<u>Name</u>
402576482	APD APPROVED
402584798	OffsetWellEvaluations Data
402584801	DEVIATED DRILLING PLAN
402584802	WELL LOCATION PLAT
402584803	DIRECTIONAL DATA
402584805	LEASE MAP
402610881	OFFSET WELL EVALUATION
402610892	FORM 2 SUBMITTED
402610900	PUBLIC COMMENT-0

Total Attach: 9 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed.	02/25/2021
OGLA	This Location and its associated materials was fully reviewed in the review of this APD in accordance with current Rules. See Sundry doc #402591420 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.	02/24/2021
Engineer	Revised distance to nearest non-operated well from 515' to 1055', per operator.	02/24/2021
Permit	Permitting Review Complete.	02/02/2021
Engineer	Offset Wells Evaluated.	02/02/2021

Total: 5 comment(s)

FORM 2 Rev 12/20

State of Colorado

Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109





Document Number:

402576494

APPLICATION FOR PERMIT TO:	Date Received:` 01/27/2021
X Drill Deepen Re-enter Recomplete and Operate	Amend
TYPE OF WELL OIL X GAS COALBED OTHER:	Refile
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES	Sidetrack
Well Name: BLEHM WEST Well Number: 4X-HNB-07-07-67	
Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operator	r Number:10669
Address: 1600 STOUT STREET SUITE 1850	
City: DENVER State:CO Zip:80202	
Contact Name: JENNIFER LIND Phone: (303)406-1117 Fax: ()	
Email: JENNIFER.LIND@NICKELROADOPERATING.COM	
RECLAMATION FINANCIAL ASSURANCE	
Plugging and Abandonment Bond Surety ID:20200034	
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: -104.890993	
GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of	Measurement: 11/14/2020
Ground Elevation: 5098	
Field Name: WATTENBERG Field Number: 90750	
Well Plan: is Directional X Horizontal (highly deviated) Vertial	
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: 2336 F	FNL 460 FEL
Measured Depth of TPZ: 9511 True Vertical Depth of TPZ: 6915	L/FSL FEL/FWL
Base of Productive Zone (BPZ)	
	FNL 460 FWL
	IL/FSL FEL/FWL
Bottom Hole Location (BHL)	FNL 460 FWL
	FNL 460 FWL JFSL FEL/FWL

To			- NI/A				
County: WELD		Municipality					
Is the Surface Location of this Well	in an area d	esignated as one o	of State interes	t and subjec	t to the require	ments of §	
24-65.1-108 C.R.S.? Yes							
Per § 34-60-106(1)(f)(I)(A) C.R.S., t proposed Oil and Gas Location.	he following	questions pertain t	to the Relevant	t Local Gove	rnment approv	al of the siting o	of the
SB 19-181 provides that when "app permit and the disposition of that pe (A) C.R.S.	lying for a pe ermit applicat	ermit to drill," opera ion, or that the loca	itors must inclu al government	de proof tha does not hav	t they sought a ve siting regula	a local governm ations. § 34-60-	ent siting 106(1)(f)(I)
Does the Relevant Local Governme	ent regulate t	he siting of Oil and	Gas Locations	s, with respe	ct to this Locat	ion? X Ye	es 🗌 No
If yes, in checking this box, I he siting of the proposed oil a	nereby certify and gas locat	that an application	n has been file	d with the lo	cal governmen	t with jurisdictio	n to approve
The disposition of the application file	ed with the F	televant Local Gov	ernment is:	Approved	Date of Fin	al Disposition:	09/03/2020
Comments: 1041WOGLA20-0076	}						
SURFACE AND MINERAL C	WNERSH	IIP AT WELL'S	OIL & GAS		0.000		
LOCATION							
Surface Owner of the land at this W	ell's Oil and	Gas Location:	X Fee	State	Federal	Indian	
Mineral Owner beneath this Well's (Oil and Gas L	_ocation:	X Fee	State	Federal	Indian	
Surface Owner Protection Financial	Assurance (if applicable):		Sure	ety ID Number	(if applicable):	
MINERALS DEVELOPED WELL	BY						
The ownership of all the mineral X Fee State Federal Indian N/A	ls that will be	e developed by this	Well is (check	all that appl	y):		
Using standard QtrQtr, Section, To * If this Well is within a unit, descri * If this Well is not subject to a unit (Attach a Lease Map or Lease Des	be a lease th t, describe th	at will be develope e lease that will be	ed by the Well.		s follows:		
SEE ATTACHED LEASE MAP						***************************************	
Total Acres in Described Lease:	142	Described Mir	neral Lease is:	X Fee	State	Federal	Indian
Federal or State Lease #				-			
SAFETY SETBACK INFORMATION			Management of the Control of the Con				
Distance from Well to nearest:				INSTRUCTIO	NS:		
Building:	2093	Feet		1 '	distances per Ru		
Building Unit:	2093			1	_	eater than 1 mile of any type. If ne	
Public Road:		Feet		-		nter same distan	ľ
-				both.	المعالمة المعالمة المعالمة	in 100 Series Bul-	0.5
Above Ground Utility:	397	Feet		- Building Ur	nic – as defined i	in 100 Series Rule	25.
Railroad:	5280	Feet		L			

Prop	perty Line:	419 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	SEC.7&8: ALL
Federal or State Unit	Name (if appl):		L	I
SUBSURFACE MIN	_	Enter 5280 for dista	nce greater than 1 mile.	
SETBACKS			g	
,				
Is this Well within a uni	t? Yes			
If YES:				
		e Completed Zone of this W	-	460 Feet
Enter the minimu	m distance from th	e Completed Zone of this W	Vell to the Completed Zone of a	n offset Well within the same
unit permitted or	completed in the sa	ame formation: 619	Feet	
If NO:				
Enter the minimum	distance from the C	Completed Zone of this Well	to the Lease Line of the descri	bed lease: Feet
Enter the minimum	distance from the C	Completed Zone of this Well	to the Completed Zone of an o	ffset Well producing from
the same lease and	d permitted or comp	oleted in the same formation	n: Feet	
Exception Location				
-	the approval of a l	Rule 401 c Evention Locati	ion, enter the Rule or spacing o	rder number and attach the
Exception Location			ion, enter the ridio of opasing o	radi namber and allaem me
Exception Location	riequest and wait			
SPACING & FORMA	ATIONS COMM	ENTS		
DRILLING PROGRA				
Proposed Total Measur	-		D at Proposed Total Measured	
Distance from the propo	osed wellbore to ne	earest existing or proposed	wellbore belonging to another o	perator, including plugged wells:
Enter distance if less th	an or equal to 1,50	0 feet:985 Feet	No well belonging to ano	ther operator within 1,500 feet
Will a closed-loop drillin	ng system be used?	Yes		
Is H2S gas reasonably	expected to be end	ountered during drilling ope	erations at concentrations greate	er than
or equal to 100 ppm?	No If yes, atta	ach an H2S Drilling Plan unle	ess a plan was already submitted	with the Form 2A per Rule 304.c.(10).
Will there be hydraulic t	fracture treatment a	at a depth less than 2,000 fe	eet in this well? No	
Will salt sections be en	countered during d	rilling? No		
Will salt based (>15,000	0 ppm CI) drilling flo	uids be used? No	_	
Will oil based drilling flu	ids be used?	Yes		
BOP Equipment Type:	X Annular Preven	ntor 🕅 Double Ram	Rotating Head	None
Beneficial reuse or la	and application plar	n submitted?No		
Reuse Facility ID:_		or Document Number:		

CASING PR	OGRAM								
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	N/A	42	0	80	100	80	0
SURF	13+1/2	9+5/8	K55	36	0	1500	415	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	18736	2420	18736	1000

Conductor Casing is NOT planned

POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	Formation /Hazard	<u>Тор</u> М.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	4767	4197			
Hydrocarbon	SUSSEX	4767	4197	5355	4546			
Hydrocarbon	SHANNON	5355	4546	5400	4575			
Confining Layer	PIERRE SHALE	5400	4575	9146	6812			
Hydrocarbon	NIOBRARA	9146	6812	18736	6915			Btm MD=TD, Btm TVD=TVD @ BHL

OPERATOR COMMENTS AND SUBMITTAL

Сο	m	m	er	าts

Revised distance to nearest non-operated well from 308' to 985', per operator. Distance to nearest wellbore belonging to another operator measured to the BLACK WILLOW 1 (AMERICAN PETROFINA / 05-123-09381 / AB). There are no other operator wells with treated interval less 175' from the treated interval of the proposed well. Distance measured in 2D map view.

				,	
This appli	cation is in a Comprehensive Area Plan	No	CAP #:		_
Oil and G	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	y knowledge, tru	e, correct, a	nd complete.
Signed:			Print Name: J	ENNIFER LI	ND
Title:	VP REG & ENV	Date:	1/27/2021	Email:	JENNIFER.LIND@NICKELRO

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

Based on the information provided herein, this Applica SB 19-181 and is hereby approved.	tion for Permit-to-Drill complies with COGCC Rules, applicable orders, and
COGCC Approved:	Director of COGCC Date: 2/25/2021
API NUMBER 05 123 51533 00	Expiration Date:02/24/2024

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>
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 317.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.

Best Management Practices

No BMP/COA	Туре	<u>Description</u>
1 Drilling/Con 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/Con Operations	npletion	Alternative Logging Program: One of the first wells drilled on the pad will be 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 openhole 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 openhole logs were run.
3 Drilling/Con Operations	npletion	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)

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection. http://cogcc.state.co.us/documents/reg/Policies/Wildlife_Notice.pdf

Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area. http://cogcc.state.co.us/documents/reg/Policies/PolicyGwaBradenheadMonitoringFinal.pdf

Attachment List

Att Doc Num	<u>Name</u>
402576494	APD APPROVED
402584832	OffsetWellEvaluations Data
402584835	DEVIATED DRILLING PLAN
402584836	WELL LOCATION PLAT
402584837	DIRECTIONAL DATA
402584838	LEASE MAP
402610887	OFFSET WELL EVALUATION
402610893	FORM 2 SUBMITTED
402610899	PUBLIC COMMENT-0

Total Attach: 9 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed.	02/25/2021
OGLA	This Location and its associated materials was fully reviewed in the review of this APD in accordance with current Rules. See Sundry doc #402591420 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.	02/24/2021
Engineer	Revised distance to nearest non-operated well from 308' to 985', per operator.	02/24/2021
Permit	Permitting Review Complete.	02/02/2021
Engineer	Offset Wells Evaluated.	02/02/2021

Total: 5 comment(s)

Date Run: 3/12/2021 Doc [#402576494] Well Name: BLEHM WEST 4X-HNB-07-07-67

FORM 2 Rev 12/20

State of Colorado

Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109





Document Number:

402576499

APPLICATION FOR PERMIT TO:

R			
	Date Rece	eived:`	
:	01/2	7/2021	
	Amend	7	
٦	Refile [
	Sidetrack		
	Sidellack [_	J	
7			
tor Num	nber: 10	0669	
		:	
			_
of Mea	surement: 1	1/14/2020	
FSL	460	FEL	
FNL/FSL		FEL/FWL	
FSL	460	FWL	
FNL/FSL		FEL/FWL	

X Drill Deepen Re-enter Recomplete and Operate A	mend
TYPE OF WELL OIL X GAS COALBED OTHER:	Refile
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES . Side	track
Well Name: BLEHM WEST Well Number: 5X-HNC-07-07-67	
Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operator Number:	10669
Address: 1600 STOUT STREET SUITE 1850	
City: DENVER State: CO Zip: 80202	
Contact Name: JENNIFER LIND Phone: (303)406-1117 Fax: () Email: JENNIFER.LIND@NICKELROADOPERATING.COM	
RECLAMATION FINANCIAL ASSURANCE	
Plugging and Abandonment Bond Surety ID:20200034	
WELL LOCATION INFORMATION	
Surface Location	
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6	;
FNUFSL FEL/FWL Footage at Surface: 470 Feet FNL 658 Feet FEL	
1000000	
	ment: 11/14/2020
Ground Elevation: 5088	
Field Name: WATTENBERG Field Number: 90750	
Well Plan: is Directional X Horizontal (highly deviated) Vertial	
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: 2337 FSL	460 FEL
Measured Depth of TPZ: 9764 True Vertical Depth of TPZ: 7010 FNL/FSL	FEL/FWL
Base of Productive Zone (BPZ) Sec: 7 Twp: 7N Rng: 67W Footage at TPZ: 2339 FSL	460 FWL
ENI /ESI	FEL/FWL
Measured Depth of TP2:18982 True Vertical Depth of TP2:	
Bottom Hole Location (BHL)	400 =
Sec: 7 Twp: 7N Rng: 67W Footage at BHL: 2339 FSL	460 FWL FEL/FWL
FNL/FSL	FEUTVVL

County: WELD	Municipality: N/A		
Is the Surface Location of this Well in an area designat	ted as one of State interest	and subject to the requir	rements of §
24-65.1-108 C.R.S.? Yes			
Per § 34-60-106(1)(f)(I)(A) C.R.S., the following questic proposed Oil and Gas Location.	ons pertain to the Relevant	Local Government appro	oval of the siting of the
SB 19-181 provides that when "applying for a permit to permit and the disposition of that permit application, or (A) C.R.S.	drill," operators must inclu that the local government of	de proof that they sought does not have siting regu	a local government siting lations. § 34-60-106(1)(f)(I)
Does the Relevant Local Government regulate the siting	g of Oil and Gas Locations	, with respect to this Loca	ation? X Yes No
If yes, in checking this box, I hereby certify that are the siting of the proposed oil and gas location.	n application has been filed	d with the local governme	nt with jurisdiction to approve
The disposition of the application filed with the Relevant	t Local Government is: _A	pproved Date of Fi	nal Disposition: 09/03/2020
Comments: 1041WOGLA20-0076			
SURFACE AND MINERAL OWNERSHIP AT LOCATION	WELL'S OIL & GAS		
Surface Owner of the land at this Well's Oil and Gas Lo	cation: X Fee	State Federal	Indian
Mineral Owner beneath this Well's Oil and Gas Location		State Federal	Indian
Surface Owner Protection Financial Assurance (if applic		Surety ID Numbe	h-m-d
MINERALS DEVELOPED BY WELL			
**CLL			
The ownership of all the minerals that will be develon in the control in the cont	pped by this Well is (check	all that apply):	
LEASE INFORMATION Using standard QtrQtr, Section, Township, Range form * If this Well is within a unit, describe a lease that will be	be developed by the Well.		
* If this Well is not subject to a unit, describe the lease (Attach a Lease Map or Lease Description or Lease if r		ie vveii.	
SEE ATTACHED LEASE MAP			
Total Acres in Described Lease: 142 De	scribed Mineral Lease is:	X Fee State	Federal Indian
Federal or State Lease #			
SAFETY SETBACK			
INFORMATION			
Distance from Well to nearest:		INSTRUCTIONS:	
Building: 2086 Feet		- Specify all distances per F - Enter 5280 for distance g	l l
Building Unit: 2086 Feet		- Building - nearest building	g of any type. If nearest
Public Road: 458 Feet		Building is a Building Unit, both.	enter same distance for
Above Ground Utility: 427 Feet		- Building Unit – as defined	l in 100 Series Rules.
Railroad: 5280 Feet			

Prop	erty 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	SEC.7&8: ALL
Federal or State Unit	Name (if appl):		U	nit Number:
SUBSURFACE MINI SETBACKS	ERAL	Enter 5280 for dista	nce greater than 1 mile.	
Enter the minimulunit permitted or	m distance from the distance from the completed in the sa	ame formation: 619	Vell to the Unit Boundary: Vell to the Completed Zone of an Feet to the Lease Line of the descril	
		Completed Zone of this Well oleted in the same formation	to the Completed Zone of an on:Feet	ffset Well producing from
Exception Location If this Well requires Exception Location SPACING & FORMA	Request and Waiv	rers	ion, enter the Rule or spacing o	rder number and attach the
Enter distance if less that Will a closed-loop drilling Is H2S gas reasonably or equal to 100 ppm?	ed Depth:18982 sed wellbore to ne an or equal to 1,500 g system be used? expected to be encNo If yes, atta racture treatment a ountered during du ppm CI) drilling flu ds be used? X Annular Prever	earest existing or proposed of feet: 340 Feet Yes ountered during drilling operate an H2S Drilling Plan unlet a depth less than 2,000 feetilling? No uids be used? No Yes ntor X Double Ram	No well belonging to ano erations at concentrations greaters a plan was already submitted	perator, including plugged wells: ther operator within 1,500 feet

CASING PROGRAM Wt/Ft Csq/Liner Setting Cmt Btm Cmt Casing Type Size of Size of Grade <u>Sacks</u> **Depth Cmt** <u>Top</u> <u>Hole</u> Casing <u>Top</u> CONDUCTOR 24 16 N/A 42 0 80 100 80 0 415 1500 SURF K55 0 1500 0 13+1/2 9+5/8 36 18982 1000 1ST 8+1/2 5+1/2 HCP110 20 0 18982 2450

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.	TDS (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	4787	4204			
Hydrocarbon	SUSSEX	4787	4204	5381	4553			
Hydrocarbon	SHANNON	5381	4553	5436	4582			
Confining Layer	PIERRE SHALE	5436	4582	9231	6819			
Hydrocarbon	NIOBRARA	9231	6819	18982	7010			Btm MD=TD, Btm TVD=TVD @ BHL

OPERATOR COMMENTS AND SUBMITTAL

C	_	_	-	. ~	n	٠.
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Revised the distance to the nearest non-operated well from 395' to 340', per operator. Distance to nearest wellbore belonging to another operator measured to the BLACK WILLOW 1 (AMERICAN PETROFINA / 05-123-09381 / AB). There are no other operator wells with treated interval less 175' from the treated interval of the proposed well. Distance measured in 2D map view.

This appli	cation is in a Comprehensive Area Plan	No	CAP #:		_
Oil and G	as Development Plan Name		-	OGDP ID	#:
Location I	D:478497				
I hereby	certify all statements made in this form are	e, to the best of m	ny knowledge, t	true, correct, a	nd complete.
Signed:			Print Name	JENNIFER LI	ND
Ü			i iiit ivaiic.	OLIVIAL LITE	ND

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

Conductor Casing is NOT planned

Based on the information provided herein, this Application for F SB 19-181 and is hereby approved.	ermit-to-Drill complies with COGCC	Rules, applicable orders, and
COGCC Approved: Mwpw/	Director of COGCC Date:	2/25/2021
API NUMBER	Expiration Date:	02/24/2024
05 123 51529 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>
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 317.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.

Best Management Practices

No	BMP/COA Type	Description
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: One of the first wells drilled on the pad will be 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 openhole 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 openhole 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)

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection. http://cogcc.state.co.us/documents/reg/Policies/Wildlife_Notice.pdf

Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area. http://cogcc.state.co.us/documents/reg/Policies/PolicyGwaBradenheadMonitoringFinal.pdf

Attachment List

Att Doc Num	<u>Name</u>
402576499	APD APPROVED
402584903	OffsetWellEvaluations Data
402584904	DEVIATED DRILLING PLAN
402584905	WELL LOCATION PLAT
402584906	LEASE MAP
402584907	DIRECTIONAL DATA
402610882	OFFSET WELL EVALUATION
402610894	FORM 2 SUBMITTED
402610902	PUBLIC COMMENT-0

Total Attach: 9 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed.	02/25/2021
OGLA	This Location and its associated materials was fully reviewed in the review of this APD in accordance with current Rules. See Sundry doc #402591420 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.	02/24/2021
Engineer	Revised the distance to the nearest non-operated well from 395' to 340', per operator.	02/24/2021
Permit	Permitting Review Complete.	02/02/2021
Engineer	Offset Wells Evaluated.	02/02/2021

Total: 5 comment(s)

FORM 2 Rev

State of Colorado





Document Number:

402576514

12/20	Phone: (3	03) 894-2100 Fax: (3	303) 894-2109		TM .	NR	Date Rece	eived:`
	APPLIC	ATION FOR PI	ERMIT TO	:				7/2021
X Drill	Deepen	Re-e	enter	Recomplete and	Operate		Amend]
TYPE OF W	ELL OIL X GAS	COALBED	OTHER:				Refile _	
ZONE TYP	E SINGLE ZONE X	MULTIPLE ZONES	СОМ	MINGLE ZONES		}	Sidetrack _	
Well Name:	BLEHM WEST			Well Number: 7X-HN	IB-07-07-	67	_	
Name of Ope	erator: NICKEL ROAD (DPERATING LLC		COC	GCC Ope	rator Num	ber: 10	0669
Address: 16	00 STOUT STREET SU	TE 1850		. .				
City:	DENVER	State: CO	Zip	:80202				
	e: JENNIFER LIND ail: JENNIFER.LIND@N		Phone: (303)40 ATING.COM	06-1117 Fax: ()			
RECLAMA	TION FINANCIAL	ASSURANCE						
Plugging and	Abandonment Bond Su	rety ID: 2020003	4					
WELL LOC	CATION INFORMAT	TON						
QtrQtr: NEI		Twp: 7N	Rng: 67W	Meridian: 6				
-		FNL/FSL	************	FEL/FWL				
_	at Surface: 500	Feet FNL	660	Feet FEL				
Latitude: GPS Data:	***************************************		ongitude: -10		Da	to of Moas	surement: 1	1/1///2020
	GPS Quality Value:	Type of GF	'S Quality Valu	ie: PDOP	Da	le oi ivieas	surement. 1	1/14/2020
Ground Elev	ation: 5088 WATTENBERG	Fiel	d Number:	90750				
i leiù ivaille.	WATTENBERG		— — — — — — — — — — — — — — — — — — —	30730				
Well Plan: is	h	X Horizontal (highly	•	Vertial				
		onal or Horizontal att	ach Deviated D	Prilling Plan and Direction	onal Data.			
Subsurface I								
,	uctive Zone (TPZ)	781	A.I.	Footogo et TD7	1100	FSL	460	FEL
		7N Rng: 67		Footage at TPZ:	1100	FNL/FSL	400	FEL/FWL
	Measured Depth of TPZ:	10252	rue v	ertical Depth of TPZ:	6915	_		
Base of Prod	ductive Zone (BPZ)							
	Sec: 7 Twp:	7N Rng: 67		Footage at TPZ:	1102	FSL	460	- FWL
	Measured Depth of TPZ	19457	True \	/ertical Depth of TPZ:	6915	FNL/FSL 		FEL/FWL
Bottom Hole	Location (BHL)							
	Sec: 7 Twp:	7N Rng: 67	<i>N</i>	Footage at BHL:	1102	FSL	460	FWL
				B.Co.		FNL/FSL		FEL/FWL

County: WELD Municipality: N/A	
Is the Surface Location of this Well in an area designated as one of State ir	sterest and subject to the requirements of §
24-65.1-108 C.R.S.? Yes	
Per § 34-60-106(1)(f)(I)(A) C.R.S., the following questions pertain to the Reproposed Oil and Gas Location.	evant Local Government approval of the siting of the
SB 19-181 provides that when "applying for a permit to drill," operators mus permit and the disposition of that permit application, or that the local govern (A) C.R.S.	t include proof that they sought a local government siting ment does not have siting regulations. § 34-60-106(1)(f)(I)
Does the Relevant Local Government regulate the siting of Oil and Gas Loc	ations, with respect to this Location? X Yes No
If yes, in checking this box, I hereby certify that an application has been the siting of the proposed oil and gas location.	en filed with the local government with jurisdiction to approve
The disposition of the application filed with the Relevant Local Government	is: Approved Date of Final Disposition: 09/03/2020
Comments: 1041WOGLA20-0076	
SURFACE AND MINERAL OWNERSHIP AT WELL'S OIL & CLOCATION	GAS
Surface Owner of the land at this Well's Oil and Gas Location: X Fee	State Federal Indian
Mineral Owner beneath this Well's Oil and Gas Location: X Fee	State Federal Indian
Surface Owner Protection Financial Assurance (if applicable):	Surety ID Number (if applicable):
MINERALS DEVELOPED BY WELL	
The ownership of all the minerals that will be developed by this Well is (X Fee State Federal Indian N/A	sneok an that appry).
LEASE INFORMATION Using standard QtrQtr, Section, Township, Range format describe one enti * If this Well is within a unit, describe a lease that will be developed by the * If this Well is not subject to a unit, describe the lease that will be produce (Attach a Lease Map or Lease Description or Lease if necessary.)	Well.
SEE ATTACHED LEASE MAP	
Total Acres in Described Lease: 142 Described Mineral Leas	se is: X Fee State Federal Indian
Federal or State Lease #	
SAFETY SETBACK	
INFORMATION	
Distance from Well to nearest:	INSTRUCTIONS:
Building: 2080 Feet	- Specify all distances per Rule 308.b.(1) Enter 5280 for distance greater than 1 mile.
Building Unit: 2080 Feet	- Building - nearest building of any type. If nearest
Public Road: 488 Feet	Building is a Building Unit, enter same distance for
Above Ground Utility: 457 Feet	both Building Unit — as defined in 100 Series Rules.
	3
Railroad: 5280 Feet	

Prop	perty 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	SEC.7&8: ALL					
Federal or State Unit	Name (if appl):		U	II nit Number:					
SUBSURFACE MIN		Enter 5280 for dista	nce greater than 1 mile.						
SETBACKS									
Is this Well within a uni	t? <u>Yes</u>								
If YES:			·						
Enter the minimu	m distance from th	e Completed Zone of this V	Vell to the Unit Boundary:	460 Feet					
Enter the minimu	m distance from th	e Completed Zone of this V	Vell to the Completed Zone of a	n offset Well within the same					
unit permitted or	completed in the sa	ame formation: 618	Feet						
If NO:			•						
Enter the minimum	distance from the C	Completed Zone of this Well	to the Lease Line of the descri	bed lease: Feet					
Enter the minimum	distance from the C	Completed Zone of this Well	to the Completed Zone of an o	ffset Well producing from					
the same lease and	I permitted or comp	pleted in the same formation	n: Feet						
Evention Location			,						
Exception Location	the approval of a l	Pulo 401 a Evention Locat	ion, enter the Rule or spacing o	rder number and attach the					
Exception Location			ion, enter the riule or spacing o	rder number and attach the					
Exception Location	nequest and war	/ers.							
SPACING & FORMA	TIONS COMM	ENTS							
DRILLING PROGRA	M								
Proposed Total Measur		7 Feet TV	D at Proposed Total Measured	Depth 6915 Feet					
•	-	And the second second	•	perator, including plugged wells:					
Enter distance if less that				ther operator within 1,500 feet					
	•		ind well belonging to and	the operator within 1,500 leet					
Will a closed-loop drillin			vations at consentrations greats	ar than					
,	•		erations at concentrations greate						
or equal to 100 ppm?		-	,	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?								
Will salt sections be end	_								
Will salt based (>15,000			-						
Will oil based drilling flu	where the same of	Yes	5 D	years, N.L.					
BOP Equipment Type:	Annular Prever	ntor 🔽 Double Ram	⊠ Rotating Head	None					
Beneficial reuse or la	and application plar	n 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	<u>Cmt</u> Top	
CONDUCTOR	24	16	N/A	42	0	80	100	80	0	
SURF	13+1/2	9+5/8	K55	36	0	1500	415	1500	0	
1ST	8+1/2	5+1/2	HCP110	20	0	19457	2520	19457	1000	

Conductor Casing is NOT planned

POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	Formation /Hazard	<u>Top</u> M.D.	<u>Top</u> <u>T.V.D.</u>	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	4821	4197			
Hydrocarbon	SUSSEX	4821	4197	5490	4546			
Hydrocarbon	SHANNON	5490	4546	5543	4575			
Confining Layer	PIERRE SHALE	5543	4575	9836	6812			
Hydrocarbon	NIOBRARA	9836	6812	19457	6915			Btm MD=TD, Btm TVD=TVD @ BHL

OPERATOR COMMENTS AND SUBMITTAL

<u> </u>				an	+-
l d	н	111	118	-11	15

Revised the distance to the nearest non-operated well from 485' to 410', per operator. Distance to nearest wellbore belonging to another operator measured to the WALT 08W-20-01C (EXTRACTION / 05-123-45244 / XX). There are no other operator wells with treated interval less 175' from the treated interval of the proposed well. Distance measured in 2D map view.

	1 '				
This applic	cation is in a Comprehensive Area Plan	No	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, to	the best of m	y knowledge, t	rue, correct, a	nd complete.
Signed:			Print Name:	JENNIFER LI	ND
Title:	VP REG & ENV	Date:	1/27/2021	Email:	JENNIFER.LIND@NICKELRO

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

B 19-181 and is hereby approved. OGCC Approved:	ation for Permit-to-Drill complies with COGCC Rules, applicable orders, and Director of COGCC Date: 2/25/2021
API NUMBER 05 123 51532 00	Expiration Date: 02/24/2024
All representations, stipulations and condiconstitute representations, stipulations an	Conditions Of Approval itions of approval stated in the Form 2A for this location shall and conditions of approval for this Form 2 Permit-to-Drill and are representations, stipulations and conditions of approval stated in

COA Type	Description
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.

Best Management Practices No BMP/COA Type Description Drilling/Completion 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 Operations 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 Alternative Logging Program: One of the first wells drilled on the pad will be logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the Operations 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 measuredwhile-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 openhole 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 openhole logs were run. Operator acknowledges and will comply with COGCC policy for Bradenhead 3 Drilling/Completion Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area Operations dated May 29, 2012.

Total: 3 comment(s)

Applicable Policies and Notices to Operators

Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area. http://cogcc.state.co.us/documents/reg/Policies/PolicyGwaBradenheadMonitoringFinal.pdf

Attachment List

Att Doc Num	<u>Name</u>
402576514	APD APPROVED
402584942	OffsetWellEvaluations Data
402584946	LEASE MAP
402584947	DEVIATED DRILLING PLAN
402584948	WELL LOCATION PLAT
402584949	DIRECTIONAL DATA
402610886	OFFSET WELL EVALUATION
402610896	FORM 2 SUBMITTED
402610901	PUBLIC COMMENT-0

Total Attach: 9 Files

General Comments

User Group	<u>Comment</u>	Comment Date
Permit	Final Review Completed.	02/25/2021
OGLA	This Location and its associated materials was fully reviewed in the review of this APD in accordance with current Rules. See Sundry doc #402591420 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.	02/24/2021
Engineer	Revised the distance to the nearest non-operated well from 485' to 410', per operator.	02/24/2021
Permit	Permitting Review Complete.	02/02/2021
Engineer	Offset Wells Evaluated.	02/02/2021

Total: 5 comment(s)

FORM 2

State of Colorado



Document Number:

402576518

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109	402070010
APPLICATION FOR PERMIT TO:	Date Received:`
ALL EIGATION FOR FEMALES	01/27/2021
X Drill Deepen Re-enter Recomplete and Operate	Amend
TYPE OF WELL OIL X GAS COALBED OTHER:	Refile
ZONE TYPE SINGLE ZONE X MULTIPLE ZONES COMMINGLE ZONES	Sidetrack
Well Name: BLEHM WEST Well Number: 8X-HNC-07-07-67	
Name of Operator: NICKEL ROAD OPERATING LLC COGCC Operator Nur	mber: 10669
Address: 1600 STOUT STREET SUITE 1850	
City: DENVER State: CO Zip: 80202	
Contact Name: JENNIFER LIND Phone: (303)406-1117 Fax: () Email: JENNIFER.LIND@NICKELROADOPERATING.COM	
RECLAMATION FINANCIAL ASSURANCE	
Plugging and Abandonment Bond Surety ID: 20200034	
WELL LOCATION INFORMATION	
WELL LOCATION INFORMATION	
Surface Location	
QtrQtr: NENE Sec: 9 Twp: 7N Rng: 67W Meridian: 6 FEL/FWL	
Footage at Surface: 545 Feet FNL 662 Feet FEL	
Latitude: 40.594461 Longitude: -104.891015	
GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: PDOP Date of Mea	asurement: 11/14/2020
Ground Elevation: 5088	
Field Name: WATTENBERG Field Number: 90750	
Well Plan: is Directional X Horizontal (highly deviated) Vertial	
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: 482 FSL	460 FEL
Measured Depth of TPZ: 10617 True Vertical Depth of TPZ: 7015	. FEL/FWL
Base of Productive Zone (BPZ)	
Sec: 7 Twp: 7N Rng: 67W Footage at TPZ: 484 FSL	460FWL
Measured Depth of TPZ: 19815 True Vertical Depth of TPZ: 7010 FNL/FSL	. FEL/FWL
Bottom Hole Location (BHL)	
Sec: 7 Twp: 7N Rng: 67W Footage at BHL: 484 FSL	460 FWL
FNL/FSL	FEL/FWL

County: WELD		Municipality	: <u>N</u> /A					
Is the Surface Location of this Well	in an area des	ignated as one	of State interes	st and subje	ect to the require	ements of §		
24-65.1-108 C.R.S.? Yes								
Per § 34-60-106(1)(f)(I)(A) C.R.S., t proposed Oil and Gas Location.	he following qu	uestions pertain	to the Relevar	nt Local Gov	vernment approv	al of the siting o	of the	
SB 19-181 provides that when "apple permit and the disposition of that pe (A) C.R.S.	lying for a perr rmit applicatio	nit to drill," opera n, or that the loc	ators must incl al government	ude proof th does not ha	at they sought a ave siting regula	a local governm ations. § 34-60-	ent siting 106(1)(f)(I)	
Does the Relevant Local Governme	nt regulate the	siting of Oil and	Gas Location	s, with resp	ect to this Locat	tion? 🛛 🗓 Ye	es No	
If yes, in checking this box, I he siting of the proposed oil a	nereby certify the and gas locatio	hat an applicatio n.	n has been file	ed with the le	ocal governmer	t with jurisdictio	n to approve	
The disposition of the application file	The disposition of the application filed with the Relevant Local Government is: Approved Date of Final Disposition: 09/03/2020							
Comments: 1041WOGLA20-0076	j							
SURFACE AND MINERAL O LOCATION	WNERSHIF	PAT WELL'S	OIL & GAS					
Surface Owner of the land at this W	ell's Oil and Ga	as Location:	X Fee	State	Federal	Indian		
Mineral Owner beneath this Well's C	Dil and Gas Lo	cation:	X Fee	State	Federal	Indian		
Surface Owner Protection Financial	Assurance (if	applicable):		Sui	rety ID Number	(if applicable):		
MINERALS DEVELOPED WELL	BY					•		
The ownership of all the mineral X Fee State Federal Indian N/A	s that will be d	eveloped by this	well is (checi	cali that app	piy):			
Using standard QtrQtr, Section, Total It this Well is within a unit, described this Well is not subject to a unit (Attach a Lease Map or Lease Description).	be a lease that i, describe the	t will be develope lease that will be	ed by the Well. e produced by		as follows:			
SEE ATTACHED LEASE MAP						······································		
Total Acres in Described Lease:	142	Described Mir	neral Lease is:	X Fee	State	Federal	Indian	
Federal or State Lease #								
SAFETY SETBACK						- 116	***************************************	
INFORMATION								
Distance from Well to nearest:				INSTRUCTI	ONS:			
Building:	2071 F	eet		, , ,	ll distances per Ru 30 for distance gro			
Building Unit:	2071 F	eet		1	nearest building		i	
Public Road:	533 F	eet		1	a Building Unit, e	nter same distan	ce for	
Above Ground Utility:	502 Fe			both. - Building U	Jnit – as defined	in 100 Series Rule	es.	
	5280 Fe							
rtamoad.		500						

Prop	perty Line:	524 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	SEC.7&8: ALL			
Federal or State Unit	Name (if appl):		U	nit Number:			
SUBSURFACE MIN	ERAL	Enter 5280 for dista	nce greater than 1 mile.				
SETBACKS							
Is this Well within a unit	t? Yes						
If YES:							
MI MONOCOPO II	m distance from th	e Completed Zone of this V	Vell to the Unit Boundary:	460 Feet			
Enter the minimu	m distance from th	e Completed Zone of this V	Vell to the Completed Zone of a	n offset Well within the same			
unit permitted or o	completed in the sa	ame formation: 150	Feet				
If NO:		· · · · · · · · · · · · · · · · · · ·	•				
Enter the minimum o	distance from the C	Completed Zone of this Well	to the Lease Line of the descri	bed lease: Feet			
Enter the minimum of	distance from the C	Completed Zone of this Well	to the Completed Zone of an o	ffset Well producing from			
the same lease and	permitted or comp	oleted in the same formation	n: Feet				
Exception Location							
•	the approval of a l	Rule 401.c Exception Locat	ion, enter the Rule or spacing o	rder number and attach the			
Exception Location	Request and Waiv	ers.					
SPACING & FORMA	TIONS COMM	ENTS					
DRILLING PROGRA	M						
Proposed Total Measur		5 Feet TV	D at Proposed Total Measured	Depth 7010 Feet			
Distance from the propo	osed wellbore to ne	earest existing or proposed	wellbore belonging to another o	perator, including plugged wells:			
Enter distance if less that	an or equal to 1,50	0 feet: 397 Feet	No well belonging to ano	ther operator within 1,500 feet			
Will a closed-loop drillin	g system be used?	? Yes_					
Is H2S gas reasonably	expected to be end	ountered during drilling ope	erations at concentrations greate	er 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?							
Will salt sections be end	Will salt sections be encountered during drilling?No						
Will salt based (>15,000) ppm CI) drilling flo	uids be used? No	_				
Will oil based drilling flu	ids be used?	Yes					
BOP Equipment Type:	Annular Preve	ntor 🔽 Double Ram	Rotating Head	None			
Beneficial reuse or la	and application plai	n submitted? No					
Reuse Facility ID:_		or Document Number:					

CASING PR	OGRAM								
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	N/A	42	0	80	100	80	0
SURF	13+1/2	9+5/8	K55	36	0	1500	415	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	19815	2550	19815	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.		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	4855	4209		-	
Hydrocarbon	SUSSEX	4855	4209	5542	4558			
Hydrocarbon	SHANNON	5542	4558	5598	4587			
Confining Layer	PIERRE SHALE	5598	4587	10010	6824			
Hydrocarbon	NIOBRARA	10010	6824	19815	7010			Btm MD=TD, Btm TVD=TVD @ BHL

OPERATOR COMMENTS AND SUBMITTAL

CO			

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 WALT 08W-20-01C (Extraction, XX, 05-123-45244). Please note, the portion of the proposed wellbore located within 150' of the offset operator wellbore will not be completed. Distances measured in 3D anti-collision.

This appli	cation is in a Comprehensive	Area Plan	No	CAP #:		
Oil and G	as Development Plan Name				OGDP ID:	#:
Location I	D: 478497					
I hereby	certify all statements made in	this form are,	to the best of n	ny knowledge, t	true, correct, a	nd complete.
Signed:				Print Name:	JENNIFER LI	ND
			Date:		Email:	

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

Based on the information provided herein, this Applica SB 19-181 and is hereby approved.	ation for Permit-to-Drill complies with COGCC Rules, applicable orders, and
COGCC Approved: ////////////////////////////////////	Director of COGCC Date: 2/25/2021
API NUMBER	Expiration Date:02/24/2024
05 123 51527 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>
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.

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: One of the first wells drilled on the pad will be 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 openhole 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 openhole 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)

Applicable Policies and Notices to Operators

Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area. http://cogcc.state.co.us/documents/reg/Policies/PolicyGwaBradenheadMonitoringFinal.pdf

Attachment List

Att Doc Num	<u>Name</u>
402576518	APD APPROVED
402584960	OffsetWellEvaluations Data
402584962	LEASE MAP
402584963	DEVIATED DRILLING PLAN
402584964	WELL LOCATION PLAT
402584965	DIRECTIONAL DATA
402610880	OFFSET WELL EVALUATION
402610897	FORM 2 SUBMITTED
402610905	PUBLIC COMMENT-0

Total Attach: 9 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed.	02/25/2021
OGLA	This Location and its associated materials was fully reviewed in the review of this APD in accordance with current Rules. See Sundry doc #402591420 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.	02/24/2021
Permit	Pending - requesting correction to distance to well. In Process - Operator provided corrected distance nearest well and comment. Permitting Review Complete.	02/02/2021
Engineer	Offset Wells Evaluated.	02/02/2021

Total: 4 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

GRANTOR:	
GRANTEE:	
Weld, CO	

THIS PAGE ADDED TO PROVIDE SUFFCIENT SPACE FOR THE RECORDING CLERK'S STAMP

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER

MINERAL AND ROYALTY DEED

THE STATE OF COLORADO	}	
	KNOW ALL	MEN BY THESE PRESENTS: THAT
COUNTY OF WELD}		
whose address is ("Gra	ntor"), for One Hundred Doll	ars (\$100.00) and other good and
valuable consideration, the rece	ipt and sufficiency of which a	are hereby acknowledged, hereby
GRANTS, SELLS, CONVEYS	, and ASSIGNS unto	, whose Address is
("Gran	tee"), an undivided 100% o	f Grantors Right, Title and Interest
acquired in that certain Mine	ral and Royalty Deed record	<u>led at Instrument Number 4860669,</u>
in and to the oil, gas, and miner	al interests, royalty interests a	and other interests, in and under those
certain lands ("Lands") describe	ed below and located in Weld	County, Colorado:

Part of the Northeast Quarter (NE/4) described as Lot 9, Prairie Ridge Estates Subdivision MF-1053, according to the plat recorded July 6, 2005 at Reception No. 3300326 of Section 8, Township 7 North, Range 67 West, 6th P.M., Weld County, Colorado

LIMITED HOWEVER to such oil, gas, mineral interests, royalty interests, overriding royalty interests, and other interests in the Lands acquired by Grantor by that certain Mineral and Royalty Deed ("Tomahawk Deed") dated effective September 1, 2022, from Tomahawk Energy Management, LLC to , recorded as Instrument 4860669 of the Weld County Records of Weld County, Colorado;

Grantor expressly RESERVES from this conveyance all of Grantor's interest conveyed in the Tomahawk Deed, except those Lands described hereinabove. Grantor further excepts from this conveyance and reserves unto Grantor all of Grantor's right, title and interest in and to any after-acquired title, remainderman and reversionary interests.

This sale is made subject to all prior conveyances of mineral, royalty or wellbore interests of record, if any, and further subject to any rights now existing to any lessee or assigns under any valid and subsisting oil, gas, and mineral lease(s) of record heretofore executed; it being understood and agreed that said Grantee shall have, receive, and enjoy the herein-granted undivided interests in and to all royalties and other benefits which may accrue under the terms of said lease(s) insofar as the lease(s) covers the above-described interests from and after the Effective Date hereof.

Grantor agrees to execute such further assurances as may be necessary or requisite for the full and complete enjoyment of the rights herein granted. Grantor and Grantee agree to execute any Acts of Correction that may be necessary in the event the interests intended to be conveyed are not properly described.

TO HAVE AND TO HOLD the above-described interests and all other rights herein granted, all and singular, the rights and appurtenances thereto belonging or appertaining. The terms, covenants and conditions contained in this Mineral and Royalty Deed shall be binding upon and inure to the benefit of the parties and their respective heirs, successors, and assigns. The interests conveyed herein are conveyed without warranty, express or implied, and all covenants that may arise under common law.

EXECUTED on the acknowledgment date below, but **EFFECTIVE** as of **January 1, 2023** (the "Effective Date"), and therefore Grantee is entitled to the interests conveyed hereby on and after the Effective Date, but not before. Notwithstanding the above, all ad valorem taxes and other property Lot # 10083C

taxes attributable to the interests conveyed herein for the 2022 calendar year shall be the sole responsibility of Grantee. Grantee represents to Grantor that Grantee has considered the liability for such ad valorem taxes and property taxes in determining the consideration paid herein.

GRANTOR: ______

OF	} } SS.		
ΓΥ OForegoing instrument was acknowledged before n	ne this	day of	, 20
My Commission expires:			
Notary Public			

MINERAL AND ROYALTY DEED

GRANTOR:

GRANTEE:

Howard Co., TX

THIS PAGE ADDED TO PROVIDE SUFFCIENT SPACE FOR THE RECORDING

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER

MINERAL AND ROYALTY DEED

THE STATE OF TEXAS}	
•	KNOW ALL MEN BY THESE PRESENTS: THAT
COUNTY OF HOWARD}	
,	
, whose address is ("Grantor"), for Or	ne Hundred Dollars (\$100.00) and other good and valuable
consideration, the receipt and sufficiency	of which are hereby acknowledged, hereby GRANTS,
SELLS, CONVEYS, and ASSIGNS unto _	whose address is ("Grantee"), an undivided
100% of Grantors Right, Title and Intere	est acquired in that certain Mineral and Royalty Deed
Effectively Dated September 1, 2022, in a	and to the oil, gas, and mineral interests, royalty interests
and other interests, in and under those certain	in lands ("Lands") described below and located in Howard
County, Texas:	

CALLON PETROLEUM – GIBSON 28-21 UNIT being 651-40 acres, more or less, the Declaration of Pooled Unit being recorded in Volume 1751, Page 780, and all amendments thereto, if any, of the Official Public Records of Howard County, Texas, and covering lands in Section 21, block 33, Township 3 North, T&P RR. Co. survey, A-344 and Section 28, Block 33, Township 3 North, T&P RR. Co. survey, A-1237, Howard County, Texas. Reference is made to said real property records for descriptive purposes only and shall not limit this conveyance to any particular depths.

LIMITED HOWEVER to such oil, gas, mineral interests, royalty interests, overriding royalty interests, and other interests in the Lands acquired by Grantor by that certain Mineral and Royalty Deed ("Tomahawk Deed") dated effective September 1, 2022, from Tomahawk Energy Management, LLC to ____, recorded as instrument number 2022-00009285, Volume 2115, Page 810 of the Official Public Records of Howard County, Texas;

Grantor expressly RESERVES from this conveyance all of Grantor's interest conveyed in the Tomahawk Deed, except those Lands described hereinabove. Grantor further excepts from this conveyance and reserves unto Grantor all of Grantor's right, title and interest in and to any after-acquired title, remainderman and reversionary interests.

This sale is made subject to all prior conveyances of mineral, royalty or wellbore interests of record, if any, and further subject to any rights now existing to any lessee or assigns under any valid and subsisting oil, gas, and mineral lease(s) of record heretofore executed; it being understood and agreed that said Grantee shall have, receive, and enjoy the herein-granted undivided interests in and to all royalties and other benefits which may accrue under the terms of said lease(s) insofar as the lease(s) covers the above-described interests from and after the Effective Date hereof.

Grantor agrees to execute such further assurances as may be necessary or requisite for the full and complete enjoyment of the rights herein granted. Grantor and Grantee agree to execute any Acts of Correction that may be necessary in the event the interests intended to be conveyed are not properly described.

TO HAVE AND TO HOLD the above-described interests and all other rights herein granted, all and singular, the rights and appurtenances thereto belonging or appertaining. The terms, covenants and Lot #10083T

conditions contained in this Mineral and Royalty Deed shall be binding upon and inure to the benefit of the parties and their respective heirs, successors, and assigns.

The interests conveyed herein are conveyed without warranty, express or implied, and all covenants that may arise under common law or the statutory implied covenants contained in Section 5.023 of the Texas Property Code are hereby disclaimed.

EXECUTED on the acknowledgment date below, but **EFFECTIVE** as of **January 1, 2023** (the "Effective Date"), and therefore Grantee is entitled to the interests conveyed hereby on and after the Effective Date, but not before. Notwithstanding the above, all ad valorem taxes and other property taxes attributable to the interests conveyed herein for the 2023 calendar year shall be the sole responsibility of Grantee. Grantee represents to Grantor that Grantee has considered the liability for such ad valorem taxes and property taxes in determining the consideration paid herein.

GRANTOR:			 1116
STATE OF	}		
COUNTY OF	SS.		
The foregoing instrument was acknowled by		day of	, 20 <u>22</u> ,
My Commission Expires:			
Notary Public			