CASE NO. 24344

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

EXHIBITS - Part - Revised

- 1. Pooling Checklist
- 2. Landman's Affidavit

2-A: C-102s

2-B: Tract Maps and Ownership List

2-C: Summary of Communications, Proposal Letter, and AFEs

COMPULSORY POOLING APPLICATION CHECKLIST					
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS					
Case: 24344	APPLICANT'S RESPONSE				
Date: April 4, 2024					
Applicant	Mewbourne Oil Company				
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company/OGRID 14744				
Applicant's Counsel:	James Bruce				
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico				
Entries of					
Appearance/Intervenors:					
Well Family	Layla Bone Spring wells				
Formation/Pool					
Formation Name(s) or Vertical	Bone Spring				
Extent:	bone Spring				
Primary Product (Oil or Gas):	Oil				
Pooling this vertical extent:	Entire Bone Spring formation				
Pool Name and Pool Code:	Culebra Bluff; Bone Spring, South Pool/Pool Code 15011				
Well Location Setback Rules:	Statewide Rules				
Spacing Unit					
Type (Horizontal/Vertical)	Horizontal				
Size (Acres)	320 acres				
Building Blocks:	40 acres				
Orientation:	North-South				
Description: TRS/County	W/2W/2 §26 and W/2W/2 §35, Township 23 South, Range 28 East, NMPM, Eddy County				
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of nonstandard unit requested in this application?	Yes				
Other Situations					
Depth Severance: Y/N. If yes, description	N				
Proximity Tracts: If yes, description	N				

Applicant's Ownership in Each	Exhibit 2-B
Tract	TOTAL
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non- standard)	Add wells as needed
Well #1	Layla 26/35 Fee Well No. 401H
	API No. 30-015-Pending
	SHL: 340 FSL & 955 FWL §23
	BHL: 100 FSL & 660 FWL §35
	FTP: 100 FNL & 660 FWL §24
	LTP: 100 FSL & 660 FWL §35
	First Bone Spring/TVD 7310 feet/MD 18240 feet
Well #2	Layla 26/35 Fee Well No. 521H
	API No. 30-015-Pending
	SHL: 340 FSL & 975 FWL §23
	BHL: 100 FSL & 660 FWL §35 FTP: 100 FNL & 660 FWL §24
	LTP: 100 FSL & 660 FWL §35
	Second Bone Spring/TVD 8350 feet/MD 19240 feet
Horizontal Well First and Last	See above
Take Points	
Completion Target (Formation, VD and MD)	See above
AFE Capex and Operating Costs	
Orilling Supervision/Month \$	\$8000
roduction Supervision/Month \$	\$800
ustification for Supervision	
osts	Exhibit 2, page 2
equested Risk Charge	Cost plus 200%
lotice of Hearing	
roposed Notice of Hearing roof of Mailed Notice of	Exhibit 7
	Part to a
earing (20 days before hearing) roof of Published Notice of	Exhibit 4
earing (10 days before hearing)	Exhibit 6

Ownership Determination	
Land Ownership Schematic of	
the Spacing Unit	Exhibits 2-B and 2-C
Tract List (including lease	
numbers and owners)	Exhibits 2-B and 2-C
If approval of Non-Standard	
Spacing Unit is requested, Tract	
List (including lease numbers	
and owners) of Tracts subject to	4
notice requirements.	
Pooled Parties (including	
ownership type)	Exhibit 2-B; Working Interest Owners
Unlocatable Parties to be Pooled	Yes
Ownership Depth Severance	
(including percentage above &	
below)	No Depth Severance
	No Depth Severance
Joinder	
Sample Copy of Proposal Letter	Exhibit 2-C
List of Interest Owners (i.e.	
Exhibit A of JOA)	Exhibit 2-B
Chronology of Contact with	
Non-Joined Working Interests	Exhibit 2-C
Overhead Rates In Proposal	
Letter	
Cost Estimate to Drill and	
Complete	Exhibit 2-C
Cost Estimate to Equip Well	Exhibit 2-C
Cost Estimate for Production	
Facilities	Exhibit 2-C
Geology	
Summary (including special	
considerations)	Exhibit 3
Spacing Unit Schematic	Exhibits 2-A and 3-B
Gunbarrel/Lateral Trajectory	
Schematic	Exhibits 3-B and 3-C
Well Orientation (with	
rationale)	North-South; Exhibits 3, 3-A, and 3-B
Target Formation	Bone Spring
HSU Cross Section	Exhibits 3-C and 3-D
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Fylhihia 2 A
C 102	Exhibit 2-A

Tracts	
	Exhibit 2-B
Summary of Interests, Unit	
Recapitulation (Tracts)	Exhibit 2-B
General Location Map (including	
basin)	Exhibit 3-A
Well Bore Location Map	Exhibits 2-A and 3-B
Structure Contour Map - Subsea	
Depth	Exhibit 3-B
Cross Section Location Map	
(including wells)	Exhibits 3-C and 3-D
Cross Section (including Landing	
Zone)	Exhibits 3—C and 3-D
Additional Information	
Special Provisions/Stipulations	
CERTIFICATION: I hereby certify	
that the information provided	
in this checklist is complete and	
accurate.	
Printed Name (Attorney or Party	
Representative):	James Bruce
Signed Name (Attorney or Party	
Representative):	(anus Gun
Date:	April 2, 2024

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

Case No. 24344

VERIFIED STATEMENT OF MITCH ROBB

Mitch Robb, being duly sworn upon his oath, deposes and states:

- 1. I am a landman for Mewbourne Oil Company ("Mewbourne") and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.
- 2. Pursuant to NMAC 19.15.4.12.A(1), the following information is submitted in support of the compulsory pooling application filed herein:
 - (a) The purpose of this application is to force pool working interest owners into the Bone Spring horizontal spacing unit described below, and in wells to be drilled in the unit.
 - (b) No opposition is expected because the interest owners being pooled have been contacted regarding the proposed well but have failed or refused to voluntarily commit their interests to the well. Some interest owners may be unlocatable.
 - (c) A plat outlining the unit being pooled is attached hereto as Attachment A. Mewbourne seeks an order pooling all mineral interests in the Bone Spring formation underlying the W/2W/2 of Section 26 and the W/2W/2 of Section 35, Township 23 South, Range 28 East, NMPM. The unit will be dedicated to:
 - (i) the Layla 26/35 Fee #401H, a horizontal well with a first take point in the NW/4NW/4 of 26 and a final take point in the SW/4SW/4 of Section 35;
 - (ii) the Layla 26/35 Fee #521H, a horizontal well with a first take point in the NW/4NW/4 of 26 and a final take point in the SW/4SW/4 of Section 35;
 - (d) The parties being pooled and their interests are set forth in Attachment 3. Their current and correct addresses, or last known addresses, are also set forth.

N

XHIBIT

- (e) In order to locate the interest owners Mewbourne examined the county records, performed internet searches, checked telephone records, made calls to family members, and searched Accurint and Whitepages.
- (f) Attachment contains a summary of contacts or attempted contacts with the interest owners, together with copies of the proposal letters sent to the interest owners.
- (g) Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed wells, or to locate the owners.
- (h) Mewbourne has the right to pool the overriding royalty owners in the well unit.
- (i) Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Eddy County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- (j) Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- (k) Mewbourne requests that it be designated operator of the wells.
- (l) The attachments to this affidavit were prepared by me or compiled from Company business records.
- (m) The granting of this application is in the interests of conservation and the prevention of waste.

VERIFICATION	1	VER	IFIC	AT	ON
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STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

Mitch Robb, being duly sworn upon his oath, deposes and states that: He is a landman for Mewbourne Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.

Mitch Robb

District I
1625 N French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S St Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

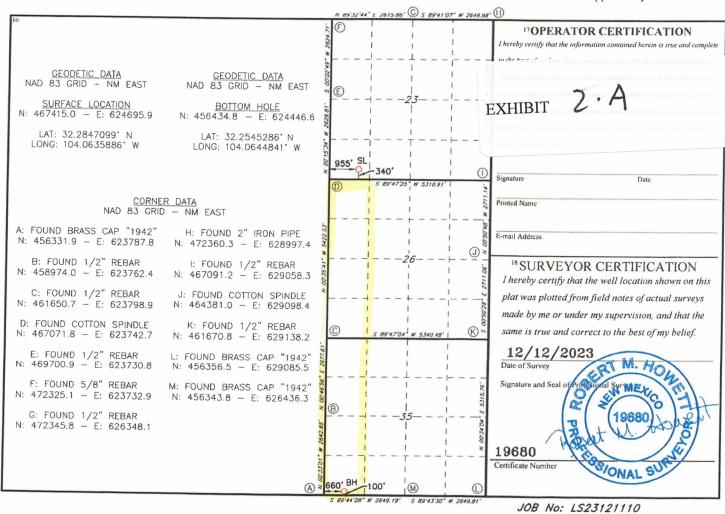
State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

■ AMENDED REPORT

1	API Numbe	r	WLLLL			REAGE DEDIC				
15001 Culebra Blutt; Bool Name Spring, Son							mt			
⁴ Property Co		S Property Name LAYLA 26/35 FEE S Property Name LAYLA 26/35 FEE 401H								
1 PR	44		*Operator Name **MEWBOURNE OIL COMPANY **Gelevation 3017'							
					10 Surface	Location				
UL or lot no.	Section	Townshi	p Range	Lot Idn	Feet from the	North/South line	Feet From the	East/Wes	East/West line County	
M	23	23S	28E		340	SOUTH	955	WES	T EDD	Y
			11	Bottom F	Iole Location	If Different Fr	om Surface		***************************************	
UL or lot no.	Section	Townshi	p Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	st line Cour	ity
M	35	23S	28E		100	SOUTH	660	WES	T EDD	Y
2 Dedicated Acres	13 Joint	or Infill	14 Consolidation	Code 15	Order No.					

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



District I
1625 N French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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Phone: (575) 748-1283 Fax: (575) 748-9720
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Phone: (505) 476-3460 Fax: (505) 476-3462

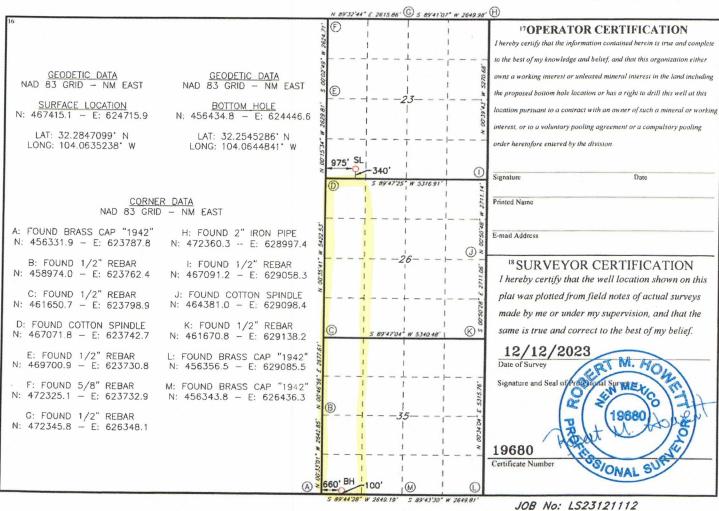
State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

		V	VELL L	OCATIO	N AND ACE	REAGE DEDIC	CATION PLA	T		,
1 API Number 2 Pool					C	when 9	lutt: 130	ne Sp	ring	South
4Property Co	de	LAYLA 26/35 FEE					0	521H		
7 OGRID	NO.	**SOperator Name								
					10 Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/We	st line	County
M	23	23S	28E		340	SOUTH	975	WEST EDDY		EDDY
			1)]	Bottom H	lole Location	If Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line County		County
M	35	23S	28E		100	SOUTH	660	WES	ST	EDDY
12 Dedicated Acres	13 Joint	or Infill 14	Consolidation	Code 15 (Order No.					

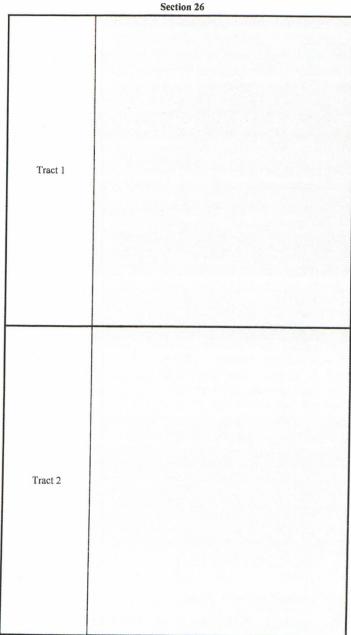
No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



Section Plat

Layla 26/35 Fee #401H Layla 26/35 Fee #521H W/2W/2 of Sec. 26 & W/2W/2 of Sec. 35

T23S-R28E, Eddy County, NM



Section 35

Tract 1: W/2W/2 of Section 26 - Fee Lands

Mewbourne Oil Company, et al.

The heirs or devisces of Samuel J. Mansfield, Jr. and wife, Anne, Eliza Mansfield who apparently is Samuel J. Mansfield, III

Erich F. Klein and wife, Clydell Klein

Deborah Roland

Tract 2: W/2W/2 of Section 35 - Fee Lands

Mewbourne Oil Company, et al Marathon Oil Permian LLC Bishop Whipple Schools Heirs of Joe Beeman Boys Club of America Juan G. Ruiz Heirs of C.O. Enderud

EXHIBIT $2 \cdot \beta$

RECAPITUALTION FOR

Layla 26/35 Fee #401H Layla 26/35 Fee #521H

Tract Number	Number of Acres Committeed	Percentage of Interst in Communitized Area
1	160	50.000000%
2 .	160	50.000000%
TOTAL	320	100.000000%

T23S-R28E, Eddy County, NM Section 26

	Section 20
	Section 20
Tract 1	
Tract 2	
	Section 25

Section 35

TRACT OWNERSHIP

Layla 26/35 Fee #401H Layla 26/35 Fee #521H W/2W/2 of Sec. 26 & W/2W/2 of Sec. 35 T23S-R28E, Eddy County, NM

W/2W/2 of Section 26 & W/2W/2 of Section 35 Bone Spring Formation:

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	96.746681%
*Heirs of C.O. Enderud	1.562500%
*Heirs of Joe Beeman	0.787500%
*Erich F. Klein and wife, Clydell Klein	0.273438%
*The heirs or devisees of Samuel J. Mansfield, Jr. and wife, Anne, Eliza Mansfield, is apparently Samuel J. Mansfield, III	0.170898%
*Marathon Oil Permian LLC	0.136718%
*Debora Roland	0.113932%
*Juan G. Ruiz	0.130208%
*Bishop Whipple Schools	0.039063%
*Boys Club of America	0.039063%
TOTAL	100.000000%

Total Interest Being Pooled:

3.253319%

OWNERSHIP BY TRACT

W/2W/2 of Section 26

Owner Mewbourne Oil Company, et al	% of Leasehold Interest 98.199870%
The heirs or devisees of Samuel J. Mansfield, Jr. and wife, Anne, Eliza Mansfield, is apparently Samuel J. Mansfield, III	0.341797%
Norma J. Barton Chanley	0.683594%
Erich F. Klein and wife, Clydell Klein	0.546875%
Debora Roland	0.227865%
TOTAL	100.000000%

W/2W/2 of Section 35

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	94.609898%
Heirs of C.O. Enderud	3.125000%
Heirs of Joe Beeman	1.575000%
Marathon Oil Permian LLC	0.273435%
Juan G. Ruiz	0.260417%
Bishop Whipple Schools	0.078125%
Boys Club of America	0.078125%
TOTAL	100.000000%

Summary of Communications Layla 26/35 Fee #401H Layla 26/35 Fee #521H W/2W/2 of Section 26 & W/2W/2 of Section 35 T23S-R28E, Eddy County, NM

Marathon Oil Permian LLC

The heirs or devisees of Samuel J. Mansfield, Jr. and wife, Anne, Eliza Mansfield, is apparently Samuel J. Mansfield, III

05/13/2021: Mailed Working Interest Unit and Well Proposal to the above listed party.

09/28/2021: Mailed Proposal to above listed party.

01/02/2024: Mailed Working Interest Unit and Well Proposal to the above listed party. 01/31/2024: Mailed Well Proposal and Well information update to the above listed party.

Heirs of Joe Beeman

Boys Club of America

Heirs of C.O. Enderud

Juan G. Ruiz

Bishop Whipple Schools

06/03/2021: Mailed Working Interest Unit and Well Proposal to the above listed party.

09/28/2021: Mailed Proposal to above listed party.

01/02/2024: Mailed Working Interest Unit and Well Proposal to the above listed party. 01/31/2024: Mailed Well Proposal and Well information update to the above listed party.

Erich F. Klein and wife, Clydell Klein

05/13/2021: Mailed Working Interest Unit and Well Proposal to the above listed party.

09/28/2021: Mailed Proposal to above listed party.

01/02/2024: Mailed Working Interest Unit and Well Proposal to the above listed party. 01/31/2024: Mailed Well Proposal and Well information update to the above listed party.

03/25/2024: Correspondence with above listed party regarding interest in wells.

03/28/2024: Correspondence with above listed party regarding interest in wells.

Debora Roland

05/13/2021: Mailed Working Interest Unit and Well Proposal to the above listed party.

09/28/2021: Mailed Proposal to above listed party.

01/02/2024: Mailed Working Interest Unit and Well Proposal to the above listed party.

01/10/2024: Correspondence with above listed party regarding interest in wells.

01/31/2024: Mailed Well Proposal and Well information update to the above listed party.

EXHIBIT 2.C

MEWBOURNE OIL COMPANY

FASKEN CENTER 500 WEST TEXAS, SUITE 1020 MIDLAND, TX 79701

TELEPHONE (432) 682-3715

January 2, 2024

Via Certified Mail

Working Interest Owner

Re: Layla 26 Fee #523H

SL: 340' FSL & 995' FEL (Section 23); BHL: 100' FSL & 2200' FWL (Section 26)

Layla 26/35 Fee #403H

SL: 340' FSL & 1015' FEL (Section 23); BHL: 100' FSL & 2200' FWL (Section 35)

Layla 26/35 Fee #401H

SL: 340' FSL & 955' FEL (Section 23); BHL: 100' FSL & 660' FWL (Section 35)

Layla 26/35 Fee #521H

SL: 340' FSL & 975' FEL (Section 23); BHL: 100' FSL & 660' FWL (Section 35)

Sections 26 & 35, T23S, R28E Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to drill the captioned Layla 26 Fee #523H at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,350 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 13,850 feet. The E/2W/2 of the captioned Section 26 will be dedicated to the well as the spacing unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Layla 26/35 Fee #403H at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 7,310 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 18,240 feet. The E/2W/2 of the captioned Section 26 and the E/2W/2 of the captioned Section 35 will be dedicated to the well as the spacing unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Layla 26/35 Fee #401H at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 7,310 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 18,240 feet. The W/2W/2 of the captioned Section 26 and the W/2W/2 of the captioned Section 35 will be dedicated to the well as the spacing unit.

Finally, Mewbourne as Operator hereby proposes to drill the captioned Layla 26/35 Fee #521H at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,350 feet subsurface to evaluate the Bone

Spring Formation. The proposed well will have a measured depth (MD) of approximately 19,240 feet. The W/2W/2 of the captioned Section 26 and the W/2W/2 of the captioned Section 35 will be dedicated to the well as the spacing unit.

Regarding the above, enclosed for your further handling are our AFEs dated December 21, 2023 for the captioned proposed wells. In the event your firm elects to participate in the proposed wells, please execute the enclosed AFEs and return to me within thirty (30) days. Our proposed Operating Agreement has COPAS rates of \$8,000/month while drilling, \$800/month for a producing well and a non-consent penalty of 100%/300%. If you wish to participate, in the above wells, please let me know and I will provide a complete copy of the Operating Agreement for your review.

Should you have any questions regarding the above, please email me at mrobb@mewbourne.com or call me at (432) 682-3715.

Sincerely,

MEWBOURNE OIL COMPANY

Mitch Robb Landman

MEWBOURNE OIL COMPANY

FASKEN CENTER 500 WEST TEXAS, SUITE 1020 MIDLAND, TX 79701

TELEPHONE (432) 682-3715

January 31, 2024

Via Certified Mail

Working Interest Owner

Re: Layla 26/35 Fee #563H

SL: 340' FSL & 1035' FWL (Section 23); BHL: 100' FSL & 1850' FWL (Section 35)

Sections 26 & 35, T23S, R28E Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to drill the captioned Layla 26/35 Fee #563H at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,874 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 19,675 feet. The E/2W/2 of the captioned Section 26 and the E/2W/2 of the captioned Section 35 will be dedicated to the well as the spacing unit.

Regarding the above, enclosed for your further handling is our AFE dated January 30, 2024 for the captioned proposed well. In the event your firm elects to participate in the proposed wells, please execute the enclosed AFEs and return to me within thirty (30) days. Our proposed Operating Agreement has COPAS rates of \$8,000/month while drilling, \$800/month for a producing well and a non-consent penalty of 100%/300%. If you wish to participate, in the above wells, please let me know and I will provide a complete copy of the Operating Agreement for your review.

This captioned well will be drilled alongside the Layla wells proposed by letter dated January 2, 2024 ("previously proposed wells"). Due to the addition of this well, the SL and BHL of the previously proposed wells were adjusted to the following:

New Well Name	Old Well Name	New Surface Location	New Bottomhole Location
LAYLA 26/35 FEE #404H (B1CN)	LAYLA 26/35 FEE #403H (B1CN)	340 FSL & 1015 FWL (23)	100 FSL & 2200 FWL (35)
LAYLA 26/35 FEE #401H (B1DM)	Same	340 FSL & 955 FWL (23)	100 FSL & 660 FWL (35)
LAYLA 26/35 FEE #521H (B2DM)	Same	340 FSL & 975 FWL (23)	100 FSL & 660 FWL (35)
LAYLA 26 FEE #524H (B2CN)	LAYLA 26 FEE #523H (B2CN)	340 FSL & 995 FWL (23)	100 FSL & 2200 FWL (26)

In addition, the previously proposed Layla 26/35 Fee #403H and Layla 26 Fee #523H will be sundry name changed to the Layla 26/35 Fee #404H and Layla 26 Fee #524H respectively.

Should you have any questions regarding the above, please email me at mrobb@mewbourne.com or call me at (432) 682-3715.

Sincerely,

MEWBOURNE OIL COMPANY

Mitch Robb Landman

Released to Imaging: 4/8/2024 12:02:25 PM

AUTHORIZATION FOR EXPENDITURE

Location: SL: 340 FSL & 95	LAYLA 26/35 FEE #401H (B1DM) 55 FEL (23); BHL: 100 FSL & 660 FWL (35)		County:	ayla 35		ST: NM
	vey:	TWP: 235		28E Prop. T	/D: 7310	The second secon
	INTANGIBLE COSTS 0180		CODE		CODE	
Regulatory Permits & Surveys			0180-01		0 0180-0200	CC
Location / Road / Site / Prepara	ation		0180-01	THE RESERVE OF THE PARTY OF THE	0 0180-0205	
Location / Restoration			0180-010	THE RESERVE AND ADDRESS OF THE PARTY OF THE	0 0180-0206	
Daywork / Turnkey / Footage D		\$28000/d	0180-01	\$508,40	0 0180-0210	
Fuel Alternate Fuels	1700 gal/day @ \$3.9/gal		0180-01	\$120,40	0 0180-0214	\$169,0
Mud, Chemical & Additives			0180-01		0180-0215	\$89,0
Mud - Specialized			0180-012		0180-0220	
Horizontal Drillout Services			0180-012	\$240,000	0 0180-0221	
Stimulation Toe Preparation			-		0180-0222	\$200,0
Cementing			0180-012	5 \$180,000	0180-0223	\$25,0
Logging & Wireline Services			0180-013		0 0180-0223	\$50,0 \$300,0
Casing / Tubing / Snubbing Ser	vices		0180-013		0180-0234	\$16,0
Mud Logging			0180-013	the same of the sa		\$10,0
Stimulation	51 Stg 20.2 MM gal / 20.2 MM I	lb			0180-0241	\$2,240,0
Stimulation Rentals & Other					0180-0242	\$222,0
Water & Other	100% PW @ \$0.25/bbl f/ CWMS	S	0180-014	5 \$35,000	0180-0245	\$129,0
Bits			0180-014	8 \$64,100	0180-0248	
Inspection & Repair Services			0180-015		-	\$5,0
Misc. Air & Pumping Services Testing & Flowback Services			0180-015		0180-0254	\$10,0
Completion / Workover Rig			0180-015	\$12,000	-	\$24,0
Rig Mobilization			0102.27		0180-0260	\$10,5
Transportation			0180-016			675.0
Welding, Construction & Maint.	Services		0180-016			\$75,00
Contract Services & Supervision			0180-018	The second second second		\$16,50 \$60,00
Directional Services	Includes Vertical Control		0180-017	THE RESERVE THE PERSON NAMED IN COLUMN TWO		300,00
Equipment Rental	more of the control		0180-0180			\$100,00
Well / Lease Legal			0180-0184	THE RESIDENCE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER,		0.00,00
Well / Lease Insurance			0180-0185			
ntangible Supplies			0180-0188	\$7,000	0180-0288	\$1,00
Damages			0180-0190	\$50,000	0180-0290	\$1,00
Pipeline Interconnect, ROW Eas	ements		0180-0192		0180-0292	\$10,00
Company Supervision			0180-0195	-		\$32,40
Overhead Fixed Rate	EN (TCD)		0180-0196			\$20,00
Contingencies	5% (TCP) 5% (CC)		0180-0199		0180-0299	\$200,30
	TANGER F. COOTS AND	TOTAL		\$2,580,800		\$4,205,40
Casing (19.1" - 30")	TANGIBLE COSTS 0181		0404 0700			
Casing (10.1" – 19.0")	530' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft		0181-0793 0181-0794		-	
Casing (8.1" - 10.0")	2550' - 9 5/8" 40# HCL80 LT&C @ \$40.67/ft		0181-0795	THE RESERVE THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAMED I		
Casing (6.1" - 8.0")	6800' - 7" 29# HPP110 BT&C @ \$38.93/ft		0181-0796			
Casing (4.1" - 6.0")	11640' - 4 1/2" 13.5# HCP-110 CDC-HTQ @	\$21.65/ft			0181-0797	\$269,10
ubing	6750' - 3 1/2" 9 2# L-80 IPC Tbg @ \$17 4/ft				0181-0798	\$125,40
Orilling Head			0181-0860	\$50,000		
ubing Head & Upper Section					0181-0870	\$30,00
Jorizontal Completion Tools						
forizontal Completion Tools					0181-0871	
Subsurface Equip. & Artificial Lift					0181-0880	\$40,00
Subsurface Equip. & Artificial Lift Service Pumps	(1/4) TP/CP/Circ pump				0181-0880 0181-0886	\$9,50
Subsurface Equip, & Artificial Lift Service Pumps Storage Tanks	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB				0181-0880 0181-0886 0181-0890	\$9,50 \$102,00
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR				0181-0880 0181-0886 0181-0890 0181-0892	\$9,50 \$102,00 \$95,00
Subsurface Equip, & Artificial Lift Service Pumps Storage Tanks	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB				0181-0880 0181-0886 0181-0890 0181-0892 0181-0895	\$9,50 \$102,00 \$95,00 \$65,00
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment Separation / Treating Equipment Subsurface Students (Separation Metering Equipment	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIF (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(0181-0880 0181-0886 0181-0890 0181-0892 0181-0895 0181-0898	\$9,50 \$102,00 \$95,00 \$65,00 \$62,00
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment Separation / Treating Equipment	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(0181-0880 0181-0886 0181-0890 0181-0892 0181-0895	\$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Control Equipment Separation / Treating Equipment Subsubsubsubsubsubsubsubsubsubsubsubsubsu	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(sc				0181-0880 0181-0886 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900	\$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00 \$12,50
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment Separation / Treating Equipment Subsurption Metering Equipment Subsurption Metering Equipment Subsurption Metering Equipment Subsurption Metering Pipe/Valves & Minarity Subsurption Metering Metering Subsurption Metering Metering Subsurption Metering Subsurption	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC				0181-0880 0181-0886 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900 0181-0901	\$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00 \$12,50
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment Subsurper Storage Tanks Emissions Control Equipment Subsurper Storage Tanks Subsurper Tanks	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC				0181-0890 0181-0896 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment Superation / Treating Equipment Sulface Pipeline-Pipe/Valves&Mivater Pipeline-Pipe/Valves&Mivater Pipeline-Pipe/Valves&Mivater Valves/Fittings/Lines&MivVellhead Flowlines - Constructional Action of Protection Sulface Protecti	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC				0181-0890 0181-0896 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900 0181-0901 0181-0906 0181-0908 0181-0909	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00 \$46,00
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment Separation / Treating Equipment Subsurface Pupper Subsurface Pipeline-Pipe/Valves & Michael Valves/Fittings/Lines&Michael Flowlines - Constructionathodic Protection Section 1 Installation Equipment Installation	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC				0181-0880 0181-0886 0181-0896 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0906 0181-0907 0181-0908 0181-0909	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00 \$46,00 \$103,00 \$100,00
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment Separation / Treating Equipment Subsurded Pipeline-Pipe/Valves&Mivater Pipeline-Pipe/Valves&Mivater Pipeline-Pipe/Valves & Mivater Pipeline-Pipeline-Valves & Mivater Pipeline-Pipeline-Valves & Mivater Pipeline-Pipeline-Valves & Mivater Pipeline-Pipeline-Pipeline-Valves & Mivater Pipeline-Pipeline-Valves & Mivater Pipeline-Pi	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC				0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0898 0181-0900 0181-0906 0181-0907 0181-0907 0181-0909 0181-0909 0181-0910	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00 \$46,00 \$100,00 \$100,00
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment Separation / Treating Equipment Subsurface Pupper Subsurface Pipeline-Pipe/Valves & Michael Valves/Fittings/Lines&Michael Flowlines - Constructionathodic Protection Section 1 Installation Equipment Installation	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC				0181-0880 0181-0886 0181-0896 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0906 0181-0907 0181-0908 0181-0909	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00 \$46,00 \$100,00 \$100,00
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment Separation / Treating Equipment Subsurded Pipeline-Pipe/Valves&Mivater Pipeline-Pipe/Valves&Mivater Pipeline-Pipe/Valves & Mivater Pipeline-Pipeline-Valves & Mivater Pipeline-Pipeline-Valves & Mivater Pipeline-Pipeline-Valves & Mivater Pipeline-Pipeline-Pipeline-Valves & Mivater Pipeline-Pipeline-Valves & Mivater Pipeline-Pi	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC			\$470,600	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0898 0181-0900 0181-0906 0181-0907 0181-0907 0181-0909 0181-0909 0181-0910	Total Control of the last of t
subsurface Equip. & Artificial Lift service Pumps for a grant service	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC	(1)V SEP 500#/(2		\$470,600 \$3,051,400	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0898 0181-0900 0181-0906 0181-0907 0181-0907 0181-0909 0181-0909 0181-0910	\$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$12,50 \$12,50 \$125,00 \$46,00 \$100,00 \$11,00 \$11,00 \$11,00
subsurface Equip. & Artificial Lift service Pumps for a grant service	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC	TOTAL SUBTOTAL		\$3,051,400	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0898 0181-0900 0181-0906 0181-0907 0181-0907 0181-0909 0181-0909 0181-0910	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00 \$46,00 \$100,00 \$15,00 \$44,00
Subsurface Equip. & Artificial Lift service Pumps storage Tanks sumissions Control Equipment subsurface programment programment subsurface programment subsurfac	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIF (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC	TOTAL SUBTOTAL		\$3,051,400	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0920	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00 \$46,00 \$100,00 \$15,00 \$44,00
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment Subsurface Present Separation / Treating Equipment Subsurface Pipe/Polipress Mit Subsurface Pipe/Polipress Pi	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)XO/(1)AIF (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC SC SC TO TOTAL WE	TOTAL SUBTOTAL ELL COST	onate share	\$3,051,400 \$8,52	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0907 0181-0909 0181-0909 0181-0909 0181-0909 0181-0910 0181-0921	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00 \$46,00 \$100,00 \$15,00 \$44,00
subsurface Equip. & Artificial Lift service Pumps storage Tanks smissions Control Equipment separation / Treating Equipment subsurface Pipeline Pipe/Valves&Mi vater Pipeline-Pipe/Valves&Mi vater Pipeline-Pipe/Valves&Mi vater Pipeline-Pipe/Valves&Mi vater Pipeline-Pipe/Valves&Mi vater Pipeline-Pipe/Valves&Mi vater Pipeline-Pipe/Valves&Mi vater Pipeline - Construction stational Installation quipment Installation subsurface Pipeline - Construction vater Pipeline - Construction vater Pipeline - Construction vater Pipeline - Construction state Expense Insurance leact to be covere Operator has secured & letect to purchase	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC SC TOTAL WE TOTAL WE	TOTAL SUBTOTAL ELL COST pay my proporticies on up and rednil	ling as estima	\$3,051,400 \$8,5; of the premium. led in Line Item 9180	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0907 0181-0909 0181-0909 0181-0909 0181-0909 0181-0910 0181-0921	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00 \$46,00 \$100,00 \$15,00 \$44,00
Subsurface Equip. & Artificial Lift service Pumps storage Tanks smissions Control Equipment separation / Treating Equipment subsurface Pipe/Poliprest subsurface Pipeline - Construction subsurface Pipeline P	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIF (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC	TOTAL SUBTOTAL ELL COST pay my proportice on up and rednill on the covered by Open	ling as estima erator's well c	\$3,051,400 \$8,52 of the premium. led in Line Item 0180 outrol insurance.	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0895 0181-0900 0181-0900 0181-0907 0181-0909 0181-0909 0181-0909 0181-0909 0181-0910 0181-0920	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00 \$46,00 \$100,00 \$15,00 \$44,00 \$1,284,50 \$55,469,90
Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks Emissions Control Equipment Separation / Treating Equipment Service Pumps Subsurface Piper Valves & Mi Subsurface Pipeline-Piper Valves & Mi Subsurface Pipeline - Construction Subsurface Pipeline Pipe	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(SC SC SC TOTAL WE TOTAL WE	TOTAL SUBTOTAL ELL COST pay my proportice on up and rednill on the covered by Open	ling as estima erator's well c	\$3,051,400 \$8,52 of the premium. led in Line Item 0180 outrol insurance.	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0895 0181-0900 0181-0900 0181-0907 0181-0909 0181-0909 0181-0909 0181-0909 0181-0910 0181-0920	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00 \$46,00 \$100,00 \$15,00 \$144,00
Subsurface Equip. & Artificial Lift service Pumps storage Tanks strainsions Control Equipment subsurface Equipment subsurface Pipeline Equipment subsurface Pipeline-Piper Equipment subsurface subsubsubsubsubsubsubsubsubsubsubsubsubs	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIF (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/ SC	TOTAL SUBTOTAL ELL COST pay my proportice on up and rednill on the covered by Open	ling as estima erator's well c	\$3,051,400 \$8,52 s of the premium. led in Line Item 0180 control insurance. Ight to adjust the rate	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0895 0181-0900 0181-0900 0181-0907 0181-0909 0181-0909 0181-0909 0181-0909 0181-0910 0181-0920	\$9,500 \$102,000 \$95,000 \$65,000 \$62,000 \$21,000 \$12,500 \$125,000 \$103,000 \$100,000 \$15,000 \$44,000
subsurface Equip. & Artificial Lift ervice Pumps storage Tanks missions Control Equipment eparation / Treating Equipment utomation Metering Equipment utomation Metering Equipment ili/Gas Pipeline-Pipe/Valves & Mi vater Pipeline-Construction athodic Protection lectrical Installation quipment Installation quipment Installation quipment Installation vater Pipeline - Construction vater Pipeline - Construction data Expense Insurance I elect to be covered Operator has secured of I elect to purchase If neither box is checke Joint owner agrees that item 0180-024 conditions. Prepared by:	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIF (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/ SC	TOTAL SUBTOTAL ELL COST pay my proportice on up and rednil to be covered by Opinied rate. Operator of the covered by Operator of	erator's well or reserves the r	\$3,051,400 \$8,52 a of the premium. led in Line Item 0180 ontrol insurance. Ight to adjust the rate	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0895 0181-0900 0181-0900 0181-0907 0181-0909 0181-0909 0181-0909 0181-0909 0181-0910 0181-0920	\$9,500 \$102,000 \$95,000 \$65,000 \$62,000 \$21,000 \$12,500 \$125,000 \$103,000 \$100,000 \$15,000 \$44,000
ubsurface Equip. & Artificial Lift ervice Pumps lorage Tanks missions Control Equipment eparation / Treating Equipment utomation Metering Equipment utomation Metering Equipment iliGas Pipeline-Pipe/Valves&Mi vater Pipeline-Pipe/Valves&Mi vater Pipeline-Pipe/Valves&Mi vater Pipeline-Pipe/Valves&Mi vater Pipeline-Pipe/Valves&Mi vater Pipeline-Construction lectrical Installation quipment Installation quipment Installation vater Pipeline - Construction vat	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIF (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/ SC	TOTAL SUBTOTAL ELL COST Pay my proporticien up and rednil b be covered by Op- filed rate. Operator Date:	erator's well or reserves the r	\$3,051,400 \$8,52 a of the premium. led in Line Item 0180 ontrol insurance. Ight to adjust the rate	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0895 0181-0900 0181-0900 0181-0907 0181-0909 0181-0909 0181-0909 0181-0909 0181-0910 0181-0920	\$9,50 \$102,00 \$95,00 \$65,00 \$21,00 \$12,50 \$125,00 \$46,00 \$100,00 \$15,00 \$144,00
ubsurface Equip. & Artificial Lift ervice Pumps torage Tanks missions Control Equipment eparation / Treating Equipment utomation Metering Equipment utomation Metering Equipment il/Gas Pipeline-Pipe/Valves&Mi rater Pipeline-Pipe/Valves&Mi rater Pipeline-Pipe/Valves&Mi rater Pipeline-Pipe/Valves&Mi rater Pipeline-Pipe/Valves&Mi rater Pipeline-Pipe/Valves&Mi rater Pipeline - Construction utomation li/Gas Pipeline - Construction li/Ga	(1/4) TP/CP/Circ pump (1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIF (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/ SC	TOTAL SUBTOTAL ELL COST Pay my proporticien up and rednil b be covered by Op- filed rate. Operator Date:	erator's well or reserves the r	\$3,051,400 \$8,52 a of the premium. led in Line Item 0180 ontrol insurance. Ight to adjust the rate	0181-0890 0181-0896 0181-0896 0181-0892 0181-0895 0181-0895 0181-0900 0181-0900 0181-0907 0181-0909 0181-0909 0181-0909 0181-0910 0181-0920 0181-0920	\$9,500 \$102,000 \$95,000 \$65,000 \$62,000 \$21,000 \$12,500 \$125,000 \$103,000 \$100,000 \$15,000 \$44,000

AUTHORIZATION FOR EXPENDITURE

NEAR Surveys	A PART OF THE PART	LAYLA 26/35 FEE #521H (B2DM) FEL (23); BHL: 100 FSL & 660 FWL (35)	THE RESERVE TO SERVE THE PARTY OF THE PARTY	county: Edd			ST: NM
NYANGBLE COSTS 0180						/D: 8350	TMD: 19240
Seguilatory Permits & Surveys	1	NTANGIBLE COSTS 0180		1			
	Regulatory Permits & Surveys			-	THE RESERVE AND ADDRESS OF THE PARTY OF THE		CC
	ocation / Road / Site / Preparation	on					\$35,0
				-	THE RESIDENCE OF THE PARTY OF T		\$75,0
			\$28000/d				\$89.7
Mode Speciation		1700 gal/day @ \$3.9/gal		0180-0114			\$169.0
Mule Specialized						0180-0215	\$89.0
Simulation				0180-0121	\$230,000	-	
Sampening	Stimulation Toe Preparation			-		-	\$200,0
03890 Tubing Survives				0190 0125	6480.000		\$25,0
Salegy Tubing / Smubbing Services				-	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	1)	\$50,0
Mud Logging	asing / Tubing / Snubbing Service	es		1			\$300,00 \$16,00
Simulation			***************************************				ψ10,00
Immulation Rentals & Other		51 Stg 20.2 MM gal / 20.2 MM	lb			0-	\$2,240,00
Section & Repair Services							\$222,00
Specific Repair Services Se		100% PW @ \$0.25/bbl f/ CWMS	S	-	\$35,000		\$129,00
Islac. Air & Pumping Services 0190-0154 0190-0254 0190-0255 0190-0256 0190-025					The same of the last of the la	()	
Selling & Flowback Services O199-0158 \$12,000 0190-0296 19 O199-0158 19 O199-0296 19 O199-0158 19 O199-0296 19 O199-0158 19 O199-0296 19 O19	ispection & Repair Services			-	\$50,000	Procession of the Parket of th	\$5,00
0180-0196 0180-0296 01	esting & Flowback Services						\$10,00
19 Mobilization			***************************************	0180-0158	\$12,000	-	\$24,00
Care Committed				0190 0101	6450.000	0180-0260	\$10,50
Velding_Construction & Maint, Services					THE RESERVE THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAMED I	0190 0005	675.05
Online Services & Supervision 018-0.0770 \$108.300 018-0.0270		rvices					\$75,00
Includes Vertical Control 1916-0175 \$247,000		vices					\$16,50 \$60,00
Quipment Rental		Includes Vertical Control				0180-0270	\$00,00
Veil / Lease Legal		molados voltodi comio				0180-0280	\$100,00
	Vell / Lease Legal			-	The second secon		\$100,00
### Bingles	Vell / Lease Insurance			0180-0185			
peline interconnect, ROW Easements				0180-0188	\$7,000	0180-0288	\$1,00
Ompany Supervision				PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS	\$50,000	0180-0290	\$1,00
Vesthead Fixed Rate		nents		_			\$10,00
TANGIBLE COSTS 0181	The state of the s			-		-	\$32,40
TANGIBLE COSTS 0181 asing (19.1" – 30") asing (10.1" – 19.0") 530" – 13 3/8" 54 5/8 J-55 ST&C @ \$47 92/ft 0181-0795 \$110,800 asing (10.1" – 19.0") 2550" – 9 5/8" 40 /8 /4 CL80 LT&C @ \$40 67/ft 0181-0795 \$110,800 asing (6.1" – 16.0") 11840" - 4 1/2" 13.9% HCCP-110 COC-HTQ @ \$21,85/ft 1081-0796 \$324,900 181-0796 \$324,900 181-0797 \$3.00 11840" - 4 1/2" 13.9% HCP-110 COC-HTQ @ \$21,85/ft 1081-0797 \$3.00 1181-0797 \$3.00 1181-0798 \$50,000 181-0798 \$50,000 181-0870 \$10,000 1181-0798 \$50,000 181-0870 \$10,000 1181-0870 \$50,000 181-0870 \$10,000 1181-0870 \$50,000 181-0870 \$10,000 1181-0870 \$50,000 181-0870 \$10,000 1181-0870 \$50,000 181-0870 \$10,000 1181-0870 \$50,000 181-0870 \$10,000 1181-0870 \$50,000 181-0870 \$10,000 1181-0870 \$50,000 181-0870 \$10,000 1181-0870 \$50,000 \$50,000 181-0870 \$10,000 1181-0870 \$50,000 \$50,000 181-0870 \$10,000 \$50,000 \$50,000 \$50,000 181-0870 \$10,000 \$50,0				-			\$20,00
TANGIBLE COSTS 0181	ontingencies	5% (TCP) 5% (CC)		0180-0199		0180-0299	\$200,30
asing (10.1" - 19.0")			TOTAL		\$2,491,000		\$4,205,40
Saling (10.1" – 19.0") S30 - 13.36" 54 SFL-55 STAC @ \$47 92/m O181-0794 \$27,100 Saling (8.1" – 10.0") 2550" - 9 5/6" 40/m HCL80 LTAC @ \$40 67/m O181-0795 \$110,800 Saling (6.1" – 8.0") 7800 - 7" 29# HPP110 BTAC @ \$39.93/m O181-0795 \$324,300 O181-0797 \$3.00 O181-0798 \$324,300 O181-0797 \$3.00 O181-0798 \$324,300 O181-0797 \$3.00 O181-0798 \$3		ANGIBLE COSTS 0181		0191 0702			
asing (6.1" – 10.0")		530' - 13 3/8" 54 5# 1-55 ST&C @ \$47 92/ft		-	\$27 100		
Asing (6.1" – 8.0") 7800" - 7" 29# HPP110 BT8C @ \$38.93/# 0181-0796 \$324,300				THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I			
Asing (4.1" = 6.0")							
Dilling Head Dilling D			\$21.65/ft -			0181-0797	\$269,10
United State Upper Section United State Upper Section United State Upper Section United State Upper Section United State United State Upper Section United State	ubing	7750' - 3 1/2" 9 2# L-80 IPC Tbg @ \$17 4/ft				0181-0798	\$144.00
Date				0181-0860	\$50,000		
Desurface Equip. & Artificial Lift	thing Hand & Unner Casting			0101-0000		-	
ervice Pumps (1/4) TP/CP/Circ pump (181-0886 torage Tanks (1/4) (6)OT/(5)WT/(1)GB (1/4) (7)GBWT/(1)GB (1/4) (8)OT/(5)WT/(1)GB (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) (181-0895 (181-0895 (181-0896 (0101-0000		-	\$30,00
Idea Installation Idea Installation Idea	orizontal Completion Tools			0101-0000		0181-0871	
missions Control Equipment (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR 0181-0892 2 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0895 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0895 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0895 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0895 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0895 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0890 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0890 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0890 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0890 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0890 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0890 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0890 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0890 3 paration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0890 3 paration / Treating Equipment (1/4) (1/	orizontal Completion Tools ubsurface Equip. & Artificial Lift			0.01-0000		0181-0871 0181-0880	\$40,00
pagaration / Treating Equipment (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1)V SEP 500#/(2) 0181-0898 1/20 181-0898 1/20 181-0898 1/20 181-0899 1/20 181-0899 1/20 181-0899 1/20 181-0899 1/20 181-0890 1/20 181-0890 1/20 181-0890 1/20 181-0890 1/20 181-0890 1/20 181-0800 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/	orizontal Completion Tools ubsurface Equip. & Artificial Lift ervice Pumps			0101-0000		0181-0871 0181-0880 0181-0886	\$40,00 \$9,50
Idoardion Metering Equipment I/Gas Pipeline-Pipe/Valves&Misc atter Pipeline-Pipe/Valves&Misc site Valves/Fittings/Lines&Misc site Valves/Fittings/Li	orizontal Completion Tools ubsurface Equip. & Artificial Lift ervice Pumps orage Tanks	(1/4) (6)OT/(5)WT/(1)GB		0101-0000		0181-0871 0181-0880 0181-0886 0181-0890	\$40,00 \$9,50 \$102,00
I/Gas Pipeline-Pipe/Valves & Misc	orizontal Completion Tools ubsurface Equip. & Artificial Lift ervice Pumps orage Tanks missions Control Equipment	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AF				0181-0871 0181-0880 0181-0886 0181-0890 0181-0892	\$40,00 \$9,50 \$102,00 \$95,00
ater Pipeline-Pipe/Valves & Miscsite Valves/Fittings/Lines&Miscsite Valves/Fittersite Valves/Fittersite Valves/Fittersite Valves/Fittersite Valves/Fittersite Valves/Fittersite Valves/Fittersite Valves/Fittersite Va	orizontal Completion Tools ubsurface Equip. & Artificial Lift ervice Pumps orage Tanks missions Control Equipment eparation / Treating Equipment	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AF				0181-0871 0181-0880 0181-0886 0181-0890 0181-0892 0181-0895	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00
Pasite Valves/Fittings/Lines&Misc elihead Flowlines - Construction thodic Protection atchroid Installation Uniforment Installa	orizontal Completion Tools absurface Equip. & Artificial Lift arvice Pumps orage Tanks missions Control Equipment apparation / Treating Equipment atomation Metering Equipment	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)A/F (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(0181-0871 0181-0880 0181-0886 0181-0890 0181-0892 0181-0895 0181-0898	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00
elihead Flowlines - Construction althodic Protection althodic Protection althodic Protection certifical Installation pulpment Installation (Installation) (Installation	orizontal Completion Tools ubsurface Equip. & Artificial Lift arvice Pumps orage Tanks missions Control Equipment aparation / Treating Equipment utomation Metering Equipment I/Gas Pipeline-Pipe/Valves&Misc	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)A/F (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(0181-0871 0181-0880 0181-0886 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00
actrical Installation	orizontal Completion Tools ubsurface Equip. & Artificial Lift arvice Pumps orage Tanks missions Control Equipment aparation / Trealing Equipment utomation Metering Equipment I/Gas Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves & Misc	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)A/F (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(0101-0000		0181-0871 0181-0880 0181-0886 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900 0181-0901	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00
pulpment Installation I/Gas Pipeline - Construction atter Pipeline - Construction TOTAL \$512,200 \$1 S1 SUBTOTAL \$3,003,200 \$5 TOTAL WELL COST \$8,491,700 TOTAL WELL COST \$8,491,700 TOTAL WELL COST \$8,491,700 Total well control insurance letect to be covered by Operator's Extra Expense insurance and pay my proportionate share of the premium. Operator has secured Extra Expense insurance covering costs of well control, clean up and rednitting as estimated in Line Item 0180-0185. letect to purchase my own well control insurance policy. In mither box is checked above, non-operating working interest cowner elects to be covered by Operator's well control insurance. Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions. Prepared by: Ryan McDaniel Date: 12/19/2023 Company Approval: Date: 12/19/2023 Company Approval: Amount:	prizontal Completion Tools absurface Equip. & Artificial Lift arvice Pumps orage Tanks missions Control Equipment aparation / Treating Equipment atomation Metering Equipment I/Gas Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves&Misc h-site Valves/Fittings/Lines&Misc ellihead Flowlines - Construction	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)A/F (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(0101-0000		0181-0871 0181-0880 0181-0886 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900 0181-0901 0181-0906	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00
I/Gas Pipeline - Construction ater Pipeline - Construction TOTAL \$512,200 \$1, SUBTOTAL \$3,003,200 \$5, TOTAL WELL COST \$8,491,700 Transparence I elect to be covered by Operator's Extra Expense insurance and pay my proportionate share of the premium. Operator has secured Extra Expense insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185. I elect to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance. Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions. Prepared by: Ryan McDaniel Date: 12/19/2023 Company Approval: Date: 12/21/2023	orizontal Completion Tools absurface Equip. & Artificial Lift arvice Pumps orage Tanks missions Control Equipment aparation / Treating Equipment atomation Metering Equipment atomation Metering Equipment atomation Metering Equipment atomation Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves & Misc are Site Valves/Fittings/Lines&Misc elihead Flowlines - Construction athodic Protection	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)A/F (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(010,1-0000		0181-0871 0181-0880 0181-0886 0181-0890 0181-0892 0181-0895 0181-0895 0181-0990 0181-0901 0181-0906 0181-0907	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00 \$12,50 \$125,00 \$46,00
TOTAL \$512,200 \$11, SUBTOTAL \$3,003,200 \$55, SUBTOTAL \$3,003,200 \$55, TOTAL WELL COST \$8,491,700 The Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium. Operator has secured Extra Expense Insurance covering costs of well control, clean up and rednilling as estimated in Line Item 0180-0185. I relact to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance. Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions. Prepared by: Ryan McDaniel Date: 12/19/2023 Company Approval: Date: 12/21/2023	prizontal Completion Tools absurface Equip. & Artificial Lift arvice Pumps orage Tanks missions Control Equipment apparation / Treating Equipment atomation Metering atomation	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)A/F (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(010,1-0000		0181-0871 0181-0880 0181-0886 0181-0890 0181-0892 0181-0895 0181-0990 0181-0900 0181-0901 0181-0906 0181-0907 0181-0908	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00 \$12,50 \$125,00 \$46,00
TOTAL \$512,200 \$1, SUBTOTAL \$3,003,200 \$5, TOTAL WELL COST \$8,491,700 To Expense Insurance lefect to be covered by Operator's Extra Expense insurance and pay my proportionate share of the premium. Operator has secured Extra Expense insurance covering costs of well control, clean up and rednilling as estimated in Line item 0180-0185. lefect to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest cowner elects to be covered by Operator's well control insurance. Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions. Prepared by: Ryan McDaniel Date: 12/19/2023 Company Approval: The Amount: Date: 12/21/2023	prizontal Completion Tools ubsurface Equip. & Artificial Lift arvice Pumps orage Tanks missions Control Equipment apparation / Treating Equipment atomation Metering Equipment l/Gas Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves & Misc n-site Valves/Fittings/Lines&Misc elihead Flowlines - Construction athodic Protection actrical Installation quipment Installation	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)A/F (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(0181-0871 0181-0880 0181-0896 0181-0892 0181-0892 0181-0895 0181-0899 0181-0900 0181-0901 0181-0900 0181-0900 0181-0909 0181-0909	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00 \$12,50 \$125,00 \$46,00 \$103,00 \$100,00
SUBTOTAL \$3,003,200 \$55. TOTAL WELL COST \$8,491,700 tra Expense Insurance lefect to be covered by Operator's Extra Expense insurance and pay my proportionate share of the premium. Operator has secured Extra Expense insurance covering costs of well control, clean up and rednilling as estimated in Line item 0180-0185. lefect to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest cowner elects to be covered by Operator's well control insurance. Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions. Prepared by: Ryan McDaniel Date: 12/19/2023 Company Approval: The Amount: Date: 12/21/2023	prizontal Completion Tools absurface Equip. & Artificial Lift arvice Pumps orage Tanks missions Control Equipment apparation / Treating Equipment atomation Metering Equipment atomation Metering Equipment atomation Metering Equipment atomation Pipel/Valves&Misc ater Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves&Misc ater Pipeline-Construction athodic Protection actrical Installation puipment Installation augument Installation	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)A/F (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(0181-0871 0181-0880 0181-0880 0181-0890 0181-0892 0181-0895 0181-0899 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00 \$125,00 \$125,00 \$125,00 \$146,00 \$103,00 \$100,00 \$15,000
TOTAL WELL COST \$8,491,700 The Expense Insurance lefloct to be covered by Operator's Extra Expense insurance and pay my proportionate share of the premium. Operator has secured Extra Expense insurance covering costs of well control, clean up and redrilling as estimated in Line item 0180-0185. lefloct to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest cowner elects to be covered by Operator's well control insurance. Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions. Prepared by: Ryan McDaniel Date: 12/19/2023 Company Approval: Date: 12/21/2023 Company Approval: Amount:	prizontal Completion Tools absurface Equip. & Artificial Lift arvice Pumps orage Tanks missions Control Equipment apparation / Treating Equipment atomation Metering Equipment atomation Metering Equipment atomation Metering Equipment atomation Pipel/Valves&Misc ater Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves&Misc ater Pipeline-Construction athodic Protection actrical Installation puipment Installation augument Installation	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)A/F (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/((1)V SEP 500#/(2	010,1-0000		0181-0871 0181-0880 0181-0880 0181-0890 0181-0892 0181-0895 0181-0899 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00 \$125,00 \$125,00 \$125,00 \$146,00 \$103,00 \$100,00 \$15,000 \$444,00
I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium. Operator has secured Extra Expense Insurance covering costs of well control, clean up and redniling as estimated in Line item 0180-0185. I neither box is checked above, non-operating working interest covered by Operator's well control insurance. Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions. Prepared by: Ryan McDaniel Date: 12/19/2023 Company Approval: Date: 12/21/2023	prizontal Completion Tools absurface Equip. & Artificial Lift arvice Pumps orage Tanks missions Control Equipment apparation / Treating Equipment atomation Metering Equipment atomation Metering Equipment atomation Metering Equipment atomation Pipel/Valves&Misc ater Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves&Misc ater Pipeline-Construction athodic Protection actrical Installation puipment Installation augument Installation	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)A/F (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/((1)V SEP 500#/(2	010,1-0000		0181-0871 0181-0880 0181-0880 0181-0890 0181-0892 0181-0895 0181-0899 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00 \$125,00 \$125,00 \$125,00 \$146,00 \$103,00 \$100,00 \$15,000
I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium. Operator has secured Extra Expense Insurance covering costs of well control, clean up and redniling as estimated in Line item 0180-0185. I elect to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance. Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions. Prepared by: Ryan McDaniel Date: 12/19/2023 Company Approval: Date: 12/21/2023	prizontal Completion Tools absurface Equip. & Artificial Lift ervice Pumps orage Tanks missions Control Equipment eparation / Treating Equipment atomation Metering Equipment atomation Metering Equipment atomation Metering Equipment atomation Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves&Misc elihead Flowlines - Construction athodic Protection ectrical Installation uipment Installation atomatical Construction atomatical Co	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)A/F (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/((1)V SEP 500#/(2	010,1-0000	\$512,200	0181-0871 0181-0880 0181-0880 0181-0890 0181-0892 0181-0895 0181-0899 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$21,00 \$125,00 \$125,00 \$125,00 \$146,00 \$103,00 \$100,00 \$15,000 \$444,00
I elect to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest cowner elects to be covered by Operator's well control insurance. Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions. Prepared by: Ryan McDaniel Date: 12/19/2023	prizontal Completion Tools bsurface Equip. & Artificial Lift rvice Pumps prage Tanks missions Control Equipment paration / Treating Equipment tomation Metering Equipment //Gas Pipeline-Pipe/Valves&Misc atter Pipeline-Pipe/Valves&Misc -site Valves/Fittings/Lines&Misc -site Valves/Fittings/Lines&Misc -site Installation uipment Installation //Gas Pipeline - Construction	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)WRT/(1)WRU/(1)FLARE/(3)KO/(1)AIF (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/((1)V SEP 500#/(2 TOTAL SUBTOTAL		\$512,200 \$3,003,200	0181-0871 0181-0880 0181-0886 0181-0890 0181-0892 0181-0895 0181-0990 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0910 0181-0920 0181-0920	\$40,00 \$9,50 \$102,00 \$95,00 \$95,00 \$65,00 \$62,00 \$12,50 \$12,50 \$125,00 \$46,00 \$103,00 \$15,00 \$15,00
I elect to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance. Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions. Prepared by: Ryan McDaniel Date: 12/19/2023 Company Approval: Date: 12/21/2023	orizontal Completion Tools ibsurface Equip. & Artificial Lift irvice Pumps orage Tanks nissions Control Equipment ipparation / Treating Equipment itomation Metering Equipment if/Gas Pipeline-Pipe/Valves&Misc ater Pipeline-Pipe/Valves&Misc insite Valves/Fittings/Lines&Misc elihead Flowlines - Construction ithodic Protection actrical Installation iuipment Installation i/Gas Pipeline - Construction ater Pipeline - Construction ater Pipeline - Construction ater Pipeline - Construction	(1/4) (6)OT/(5)WT/(1)GB (1/4) (3)WRT/(1)WRU/(1)FLARE/(3)KO/(1)AIF (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/((1)V SEP 500#/(2 TOTAL SUBTOTAL		\$512,200 \$3,003,200	0181-0871 0181-0880 0181-0886 0181-0890 0181-0892 0181-0895 0181-0990 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0910 0181-0920 0181-0920	\$40,00 \$9,50 \$102,00 \$95,00 \$95,00 \$65,00 \$62,00 \$12,50 \$12,50 \$125,00 \$46,00 \$103,00 \$15,00 \$15,00
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Prepared by: Ryan McDaniel Date: 12/19/2023 Company Approval: Date: 12/21/2023 Dint Owner Interest: Amount:	prizontal Completion Tools absurface Equip. & Artificial Lift ervice Pumps orage Tanks missions Control Equipment eparation / Treating Equipment atomation Metering Equipment atomation Pipeline-Pipe/Valves & Misc atter Pipeline-Pipe/Valves & Misc estite Valves/Fittings/Lines&Misc estite Valves/Fittings/Lines&Misc estite Installation atomatic Protection atter Pipeline - Construction	(1/4) (8)OT/(5)WT/(1)GB (1/4) (3)WRT/(1)WRU/(1)FLARE/(3)KO/(1)AIF (1/4) (1)BULK H SEP/(2)TEST H SEP 500#/(1/4) (1)BULK H SEP/(2) (1	TOTAL SUBTOTAL ELL COST pay my proportion, clean up and redning	onate share of	\$512,200 \$3,003,200 \$8,4:	0181-0871 0181-0880 0181-0880 0181-0890 0181-0892 0181-0895 0181-0899 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0901 0181-0902 0181-0921	\$40,00 \$9,50 \$102,00 \$95,00 \$95,00 \$65,00 \$62,00 \$12,50 \$12,50 \$125,00 \$46,00 \$103,00 \$15,00 \$15,00
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oint Owner Name: Signature:	prizontal Completion Tools bsurface Equip. & Artificial Lift privice Pumps privice Pum	TOTAL WE TOTAL	TOTAL SUBTOTAL ELL COST I pay my proportion, clean up and redrill to be covered by Operator of the co	onate share of an as estimated prator's well contreserves the right	\$512,200 \$3,003,200 \$8,45 If the premium, in Line item 0160 rot insurance	0181-0871 0181-0880 0181-0880 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900 0181-0900 0181-0907 0181-0908 0181-0909 0181-0910 0181-0910 0181-0921	\$40,00 \$9,50 \$102,00 \$95,00 \$65,00 \$62,00 \$121,500 \$125,00 \$125,00 \$100,000 \$100,000 \$15,000 \$44,000 \$1,283,10 \$5,488,50