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

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING AND APPROVAL, OF NON-STANDARD SPACING UNIT, EDDY COUNTY, NEW MEXICO.

**CASE NO. 24795** 

#### NOTICE OF AMENDED EXHIBIT PACKET

In accordance with the Division's request at the October 3, 2024, hearing, Mewbourne Oil Company is providing the attached amended exhibit packet. Exhibit A-2 was amended to correct the First Take Point on the form C-102 for each well.

Respectfully submitted,

HINKLE SHANOR, LLP

/s/ Dana S. Hardy

Dana S. Hardy Jaclyn M. McLean

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554 Facsimile: (505) 982-8623 dhardy@hinklelawfirm.com jmclean@hinklelawfirm.com

Counsel for Mewbourne Oil Company

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD SPACING UNIT EDDY COUNTY, NEW MEXICO.

Case No. 24795

### **EXHIBIT INDEX**

Exhibi	it A	Self-Affirmed Statement of Mitch Robb
	A-1	Application and Proposed Notice of Hearing
	A-2	C-102s
	A-3	Land Exhibit
	A-4	Map of Non-Standard Spacing Unit
	A-5	Sample Well Proposal Letter and AFEs
	A-6	Chronology of Contact
Exhibi	t B	Self-Affirmed Statement of Tyler Hill
	B-1	General Location Map
	B-2	Subsea Structure Map
	B-3	Stratigraphic Cross-Section
Exhibi	it C	Self-Affirmed Statement of Dana S. Hardy
	C-1	Sample Notice Letter to All Interested Parties
	C-2	Chart of Notice to All Interested Parties and Certified Mail Receipts
	C-3	Copies of Certified Mail Receipts and Returns
	C-4	Affidavit of Publication from August 27, 2024

ALL INICODRAATION INLTHE ABBLICATION MALICT	BE SUPPORTED BY SIGNED AFFIDAVITS
Case: 24795	APPLICANT'S RESPONSE
Hearing Date: October 3, 2024	Mary have a Cil Comment
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company (OGRID No. 14744)
Applicant's Counsel:	Hinkle Shanor LLP
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling
	and Approval of Non-Standard Spacing Unit, Eddy County,
	New Mexico.
Entries of Appearance/Intervenors:	None.
Well Family	Fuller 13/12
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Corral Canyon, Bone Spring, South Pool (Code 13354)
Well Location Setback Rules:	Statewide
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	480 acres
Building Blocks:	quarter-quarter
Orientation:	South to North
Description: TRS/County	
Description. TRS/County	W/2 of Section 12 and the NW/4 of Section 13, Township 26
	South, Range 29 East, Eddy County, New Mexico.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	No. Approval of a Non-Standard Spacing Unit is requested with
and is approval of non-standard unit requested in this	this application.
application?	
Other Situations	
Depth Severance: Y/N. If yes, description	No.
Proximity Tracts: If yes, description	No.
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibit A-3
Well(s)	
Name & API (if assigned), surface and bottom hole location,	Add wells as needed
footages, completion target, orientation, completion status	
(standard or non-standard)	
Well #1	Fuller 13/12 Fed Com #571H (API # pending)
	SHL: 2610' FSL & 2195' FWL (Unit K), Section 13, T26S-R29E
	BHL: 100' FNL & 330' FWL (Unit D), Section 12, T265-R29E
	Completion Target: Bone Spring (Approx. 9,556' TVD)
Well #2	Fuller 13/12 Fed Com #522H (API # pending)
	SHL: 2610' FSL & 2215' FWL (Unit K), Section 13, T26S-R29E
	BHL: 100' FNL & 660' FWL (Unit D), Section 12, T26S-R29E
	Completion Target: Bone Spring (Approx. 8,930' TVD)
Well #3	Fuller 13/12 Fed Com #523H (API # pending)
	SHL: 2610' FSL & 2275' FWL (Unit K), Section 13, T26S-R29E
	BHL: 100' FNL & 2090' FWL (Unit C), Section 12, T26S-R29E
	Completion Target: Bone Spring (Approx. 8,988' TVD)
Well #4	Fuller 13/12 Fed Com #574H (API # pending)
	SHL: 2610' FSL & 2295' FWL (Unit K), Section 13, T26S-R29E
	BHL: 100' FNL & 2185' FWL (Unit C), Section 12, T26S-R29E
	Completion Target: Bone Spring (Approx. 9,496' TVD)
Well #5	Fuller 13/12 Fed Com #563H (API # pending)
	SHL: 2910' FSL & 2255' FWL (Unit K), Section 13, T26S-R29E
	BHL: 100' FNL & 1590' FWL (Unit C), Section 12, T26S-R29E
	BHL: 100' FNL & 1590' FWL (Unit C), Section 12, T26S-R29E Completion Target: Bone Spring (Approx. 9,620' TVD)

Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibits C-1, C-2, C-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners)	Exhibit A-3
If approval of Non-Standard Spacing Unit is requested, Tract	
List (including lease numbers and owners) of Tracts subject to	
notice requirements.	Exhibit A-4
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above &	,
below)	N/A
Joinder	.,,
Sample Copy of Proposal Letter	Exhibit A-5
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-6
Overhead Rates In Proposal Letter	Exhibit A-5
Cost Estimate to Drill and Complete	Exhibit A-5
Cost Estimate to Equip Well	Exhibit A-5
Cost Estimate for Production Facilities	Exhibit A-5
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	N/A
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-3
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-2
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibit B-2
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibit B-3
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information prov	
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy
Date:	9/26/2024

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD SPACING UNIT EDDY COUNTY, NEW MEXICO

Case No. 24795

### SELF-AFFIRMED STATEMENT OF MITCH ROBB

- 1. I am a Landman with Mewbourne Oil Company ("Mewbourne"). I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division") and my credentials as an expert in petroleum land matters were accepted and made a matter of record.
- 2. I am familiar with the land matters involved in the above-referenced case. Copies of Mewbourne's Application and proposed hearing notice are attached as **Exhibit A-1**.
- 3. None of the parties proposed to be pooled in this case indicated opposition to this matter proceeding by affidavit, therefore I do not expect any opposition at hearing.
- 4. Mewbourne applies for an order pooling all uncommitted interests within the Bone Spring formation underlying a 480-acre, more or less, non-standard horizonal spacing unit comprised of the W/2 of Section 12 and the NW/4 of Section 13, Township 26 South, Range 29 East, Eddy County, New Mexico ("Unit").
- 5. The Unit will be dedicated to the following wells, which will be completed in the Corral Canyon, Bone Spring, South Pool (Code 13354):

Mewbourne Oil Company Case No. 24795 Exhibit A

- Fuller 13/12 Fed Com #571H and Fuller 13/12 Fed Com #522H wells, to be drilled from surface hole locations in the NE/4 SW/4 (Unit K) of Section 13 to bottom hole locations in the NW/4 NW/4 (Unit D) of Section 12; and
- Fuller 13/12 Fed Com #523H, Fuller 13/12 Fed Com #574H, and Fuller 13/12 Fed Com #563H wells, to be drilled from surface hole locations in the NE/4 SW/4 (Unit K) of Section 13 to bottom hole locations in the NE/4 NW/4 (Unit C) of Section 12.
- 6. The completed intervals of the Wells will be orthodox.
- 7. **Exhibit A-2** contains the C-102s for the Wells.
- 8. **Exhibit A-3** contains a plat that identifies ownership by tract in the Unit. This exhibit also includes any applicable lease numbers, a unit recapitulation, and the interests Mewbourne seeks to pool highlighted in yellow. Mewbourne believes it located valid addresses for the parties it seeks to pool.
- 9. **Exhibit A-4** is a map that depicts the non-standard spacing unit in relation to the outline of a standard spacing unit. The map also identifies the interest owners in the tracts surrounding the proposed Unit, who were provided notice of Mewbourne's application.
- 10. Mewbourne's request for approval of a non-standard spacing unit will allow it to consolidate surface facilities and will consequently prevent surface, environmental, and economic waste.
  - a. Mewbourne is the operator of the wells in Sections 1, 2, 11, 12, 14, 13-T26S-R29E, Eddy County, NM.
  - b. The non-standard unit will allow Mewbourne to minimize surface use.

    Centralizing equipment for facilities for the Wells will reduce the total acreage

- needed for surface facilities by 60% of the total amount that would be necessary absent a non-standard unit.
- c. Surface facilities and equipment, pipelines, and rights-of-way for one well cost approximately \$1,750,000. While the centralized facilities will be larger, so that they may handle production from multiple wells, I estimate the overall savings, if a non-standard unit is approved, will be approximately \$8,000,000. This will reduce the overall well costs and improve economics for the wells.
- d. A common facility also reduces the number of flares Mewbourne may need to use in the case of emergency from 4 to 1. Additionally, the VOC reduction is nearly 60%.
- 11. Approval of a non-standard spacing unit is necessary to prevent waste and protect correlative rights.
- 12. **Exhibit A-5** contains a sample well proposal letter and AFEs sent to the working interest owners for the Wells. The estimated costs reflected on the AFEs are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.
- 13. Mewbourne has conducted a diligent search of all county public records, including phone directories, internet searches, and computer databases to identify all potential addresses and contact information for each interest owner it seeks to pool.
- 14. In my opinion, Mewbourne made a good-faith effort to reach voluntary joinder of uncommitted interests in the Wells as indicated by the chronology of contact described in **Exhibit A-6**.

- Mewbourne requests overhead and administrative rates of \$8,000.00 per month 15. while the Wells are being drilled and \$800.00 per month while the Wells are producing. These rates are fair and are comparable to the rates charged by Mewbourne and other operators in the vicinity.
- The attached exhibits were either prepared by me or under my supervision or were 16. compiled from company business records.
- In my opinion, the granting of Mewbourne's application would serve the interests 17. of conservation, the protection of correlative rights, and the prevention of waste.
- I understand this Self-Affirmed Statement will be used as written testimony in this 18. case. I affirm that my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

9/5/2024 Date

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD SPACING UNIT, EDDY COUNTY, NEW MEXICO

**CASE NO. 24795** 

#### **APPLICATION**

Pursuant to NMSA § 70-2-17, Mewbourne Oil Company, (OGRID No. 14744) ("Applicant") applies for an order pooling all uncommitted interests in the Bone Spring formation underlying a 480-acre, more or less, non-standard horizonal spacing unit comprised of the W/2 of Section 12 and the NW/4 of Section 13, Township 26 South, Range 29 East, Eddy County, New Mexico ("Unit"). In support of its application, Mewbourne states the following:

- 1. Applicant is a working interest owner in the Unit and has the right to drill wells thereon.
  - 2. The Unit will be dedicated to the following wells ("Wells"):
    - a. Fuller 13/12 Fed Com #571H and Fuller 13/12 Fed Com #522H wells, to be drilled from surface hole locations in the NE/4 SW/4 (Unit K) of Section 13 to bottom hole locations in the NW/4 NW/4 (Unit D) of Section 12; and
    - b. Fuller 13/12 Fed Com #523H, Fuller 13/12 Fed Com #574H, and Fuller 13/12 Fed Com #563H wells, to be drilled from surface hole locations in the NE/4 SW/4 (Unit K) of Section 13 to bottom hole locations in the NE/4 NW/4 (Unit C) of Section 12.
  - 3. The completed intervals of the Wells will be orthodox.

Mewbourne Oil Company Case No. 24795 Exhibit A-1

- 4. Applicant has undertaken diligent, good faith efforts to obtain voluntary agreements from all interest owners to participate in the drilling of the Wells but has been unable to obtain voluntary agreements from all interest owners.
- 5. The pooling of uncommitted interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.
- 6. Approval of a non-standard horizontal spacing unit is necessary to prevent waste and protect correlative rights.
- 7. In order to allow Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in the Unit should be pooled and Applicant should be designated the operator of the Wells and the Unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on September 12, 2024, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving a non-standard horizontal spacing unit;
- C. Approving the Wells in the Unit;
- D. Designating Applicant as operator of the Unit and the Wells to be drilled thereon;
- E. Authorizing Applicant to recover its costs of drilling, equipping and completing the
   Wells;
- F. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

G. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the Wells against any working interest owner who does not voluntarily participate in the drilling of the Wells.

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy
Jaclyn M. McLean
Dylan M. Villescas
P.O. Box 2068
Santa Fe, NM 87504-2068
Phone: (505) 982-4554
dhardy@hinklelawfirm.com
jmclean@hinklelawfirm.com

Counsel for Mewbourne Oil Company

Application of Mewbourne Oil Company for Compulsory Pooling and Approval of Non-Standard Spacing Unit, Eddy County, New Mexico. Applicant applies for an order pooling all uncommitted interests in the Bone Spring formation underlying a underlying a 480-acre, more or less, non-standard horizonal spacing unit comprised of the W/2 of Section 12 and the NW/4 of Section 13, Township 26 South, Range 29 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the following wells ("Wells"): Fuller 13/12 Fed Com #571H and Fuller 13/12 Fed Com #522H wells, to be drilled from surface hole locations in the NE/4 SW/4 (Unit K) of Section 13, to bottom hole locations in the NW/4 NW/4 (Unit D) of Section 12; and Fuller 13/12 Fed Com #523H, Fuller 13/12 Fed Com #574H, and Fuller 13/12 Fed Com #563H wells, to be drilled from surface hole locations in the NE/4 SW/4 (Unit K) of Section 13, to bottom hole locations in the NE/4 NW/4 (Unit C) of Section 12. Applicant requests approval of a non-standard horizontal spacing unit. Also to be considered will be the cost of drilling and completing the Wells and the allocation of the costs, the designation of Applicant as the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 14.5 miles southeast of Malaga, New Mexico.

<u>C-10</u>	<u>02</u>		En			ral Resources Depart	l Resources Department			Revised July 9, 2024		
	t Electronical			OIL (	CONSERVA	TION DIVISION			☐ Initial S	ubmittal		
Via OC	D Permitting							Submittal	☑ Amende			
								Type:	☐ As Drill			
			•		WELL LOCA	ATION INFORMATION	I		1			
	umber 5-55254		Pool Code 13354			Pool Name CORRAL CANYON	Pool Name CORRAL CANYON SOUTH (BONE SPRING) OIL					
Proper 33429	rty Code 99		Property Na		ОСОМ				Well Numb	oer		
OGRII 14744			Operator N MEWBOL		COMPANY				Ground Lev 2997'	vel Elevation		
Surfac	e Owner: 🗆	State ☐ Fee ☐	l Tribal 🗆 Fed	leral		Mineral Owner:	☐ State ☐ Fee	□ Tribal □	Federal			
					Sur	rface Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	ongitude	County		
K	13	26S	29E		2910 FSL	2255 FWL	32.041955	3 10	03.9382819	EDDY		
	1.5	1-4-	1-3-		1	m Hole Location		ļ.				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	ongitude	County		
С	12	26S	29E		100 FNL	1590 FWL	32.063929	7 10	03.9403434	EDDY		
		1		ı			ı					
	ated Acres 480	Infill or Defi	ning Well	Defining	Well API	Overlapping Spacin	ng Unit (Y/N)	Consolidat	ion Code			
Order	Numbers.	ı		I		Well setbacks are u	nder Common (	Ownership: [	□Yes □No			
					Kick	Off Point (KOP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	ongitude	County		
K	13	26S	29E		2208 FSL	1590 FWL	32.040759		03.9404290	EDDY		
<u> </u>	1.0	1200	1202		1	Fake Point (FTP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	ongitude	County		
F	13	26S	29E		25I € FNL	1590 FWL	32.042332	32.0423328		EDDY		
		1			Last 7	Γake Point (LTP)		· · · · · · · · · · · · · · · · · · ·				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County		
С	12	26S	29E		100 FNL	1590 FWL	32.063929	7 10	03.9403434	EDDY		
Unitiz	ed Area or Aı	rea of Uniform	Interest	Spacing	Unit Type 🗹 Hoi	rizontal   Vertical	Grou	nd Floor Ele	vation:			
OPER	ATOR CERT	TIFICATIONS				SURVEYOR CERTIF	FICATIONS					
my kno organiz includin location interest	wledge and bel cation either ow ng the proposed n pursuant to a	ief, and, if the wel ons a working inte d bottom hole local contract with an o ary pooling agree	ll is a vertical or rest or unleased ation or has a rig owner of a work	directional water directional was mineral interest to drill thing interest o	rest in the land	I hereby certify that the surveys made by me or u- my belief.						
in each	t of at least one tract (in the ta	rget pool or formed d or obtained a co	of a working inte ation) in which a	rest or unleasiny part of the g order from	sed mineral interest e well's completed							
Signatu		nucy	Date	<u> </u>		Signature and Seal of Profe	essional Surveyor					
Con	ner Whit	lev					-					
Printed		<u>J</u>				Certificate Number	Date of Surve	ey .				
CWh	itlev@m	newbourn	e com					=				
Email A		-SVV DOUITI	0.00111			-						

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

Mewbourne Oil Company

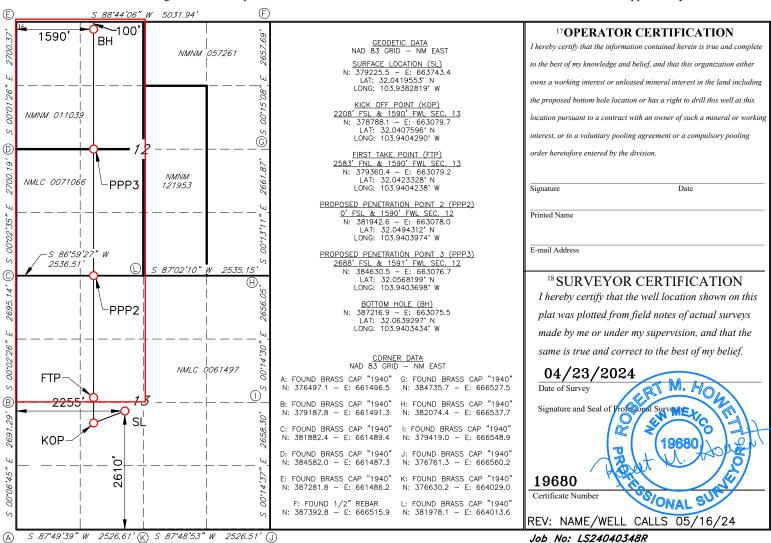
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-55					
<sup>4</sup> Property Code	Property Name 13/12 FED COM	<sup>6</sup> Well Number <b>563H</b>			
<sup>7</sup> OGRID NO. <b>14744</b>	Operator Name IE OIL COMPANY	<sup>9</sup> Elevation <b>2997'</b>			

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County			
K	13	26S	29E		2610	SOUTH	2255	WEST	EDDY			
	11 Bottom Hole Location If Different From Surface											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
C	12	26S	29E		100	NORTH	1590	WEST	EDDY			
12 Dedicated Acres	s 13 Joint	or Infill 14	Consolidation	Code 1	5 Order No.	•			•			
480												

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.



30D NO. 1324040340

<u>C-102</u>			En		nerals & Natur		Resources Department			Revised July 9, 2024		
	t Electronicall	У		OIL CONSERVATION DIVISION					☐ Initial Su	uhmittal		
via OC	D Permitting							Submitta				
								Type:	☐ As Drille	_		
					WELL LOCA	TION INFORMATION						
API No 30-01	umber 5-53952		Pool Code 13354			Pool Name CORRAL CANYON S	Pool Name CORRAL CANYON SOUTH; BONE SPRING					
Proper 33429	ty Code 19		Property Na		O COM				Well Numb 574H	er		
OGRII 14744			Operator Na MEWBOU		COMPANY				Ground Lev 3002'	vel Elevation		
Surfac	e Owner: 🗆 S	State ☐ Fee ☐	Tribal □ Fed	leral		Mineral Owner:	State   Fee [	□ Tribal □	Federal			
					C	face Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
K	13	26S	29E		2610 FSL	2295 FWL	32.041959 <sup>2</sup>		03.9381546	EDDY		
11	110	1200	ZJL			m Hole Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
С	12	26S	29E		100 FNL	2185 FWL	32.0639598	8 1	03.9384234	EDDY		
	1	1200	1-0-		1.00	12.001.112				1222.		
	ated Acres	Infill or Defin	ning Well	Defining	g Well API	Overlapping Spacing	g Unit (Y/N)	Consolida	tion Code			
Order 1	Numbers.			<u> </u>		Well setbacks are un	Well setbacks are under Common Ownership: □Yes □No					
								1				
UL	Section	Township	Range	Lot	Ft. from N/S	Off Point (KOP) Ft. from E/W	Latitude		Longitude	County		
		•	_	Lot			32.040839 <sup>4</sup>		103.9385114	, i		
K	13	26S	29E		2208 FSL	2185 FWL Take Point (FTP)	32.0400394	<u>'</u>	103.9303114	EDDY		
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
F	13	26S	29E	Lot	25I €ÁFNL		32.0408394		03.9385114	EDDY		
ı	13	203	ZJL			Take Point (LTP)	02.0400004			LDDT		
UL	Section		П	T -4	T Eust 1	· , ,	T -4:4 1-		Lanaituda	County		
С	SCCHOIL	Township	Kange	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County		
-		1	Range 29F	Lot			32.0639598		103.9384234			
	12	Township 26S	Range 29E	Lot	Ft. from N/S 100 FNL	2185 FWL			Č	EDDY		
Unitize	12	1	29E		100 FNL		32.0639598		03.9384234			
Unitize	12	26S	29E		100 FNL	2185 FWL	32.0639598	8 1	03.9384234			
	12 ed Area or Ar	26S	29E		100 FNL	2185 FWL	32.0639598 Grour	8 1	03.9384234			
OPER.  I hereby my know organiz includir location interest	ation either own in githe proposed in pursuant to a care.	26S  TERICATIONS	anterest  tained herein is a lis a vertical or rest or unleased tion or has a rig owner of a worki	Spacing true and comdirectional with the drill this ing interest o.	100 FNL  Unit Type 1 Hori	2185 FWL  izontal	Groun  ICATIONS  well location show	and Floor Elevan on this pi	evation:	EDDY  om field notes of actual		
OPER.  I hereby my know organiz includin location interest entered  If this w consent in each interval	ATOR CERT	26S  TEFICATIONS	anined herein is a list a vertical or rest or unleased tion or has a rig owner of a working ment or a computer of the computer of the working intention) in which a	spacing  true and com directional w mineral inter th to drill thi ing interest or ulsory pooling organization rest or unleas iny part of the g order from	Unit Type 1 Horizable Hori	2185 FWL  izontal	Groun  ICATIONS  well location show	and Floor Elevan on this pi	evation:	EDDY  om field notes of actual		
OPER.  I hereby my know organiz includin location interest entered  If this w consent in each interval	at Area or Are	26S  TEFICATIONS	anined herein is a list a vertical or rest or unleased tion or has a rig owner of a working ment or a computer tion) in which a mpulsory poolin, and the state of a working intention in which a mpulsory pooling.	spacing  true and com directional w mineral inter th to drill thi ing interest or ulsory pooling organization rest or unleas iny part of the g order from	Unit Type 1 Horizable Hori	2185 FWL  izontal	Groun  ICATIONS  vell location show der my supervision	and Floor Elevan on this pi	evation:	EDDY  om field notes of actual		
OPER.  I hereby my know organiz includin location interest entered  If this w consent in each interval  Signatur	at Area or Are	rea of Uniform I TIFICATIONS  T	ained herein is a lis a vertical or rest or unleased tion or has a rig owner of a working ment or a computerity that this of a working intention) in which a mpulsory poolin,	spacing  true and com directional w mineral inter th to drill thi ing interest or ulsory pooling organization rest or unleas iny part of the g order from	Unit Type 1 Horizable Hori	2185 FWL  izontal □ Vertical  SURVEYOR CERTIFI  I hereby certify that the w surveys made by me or unimy belief.	Groun  ICATIONS  vell location show der my supervision	and Floor Elevan on this pi	evation:	EDDY  om field notes of actual		
OPER.  I hereby my know organiz includin location interest entered  If this w consent in each interval  Signatur	at Area or Area or Area Aror CERT  of certify that the wiledge and belification either own in the proposed in pursuant to a constant of the division. It is a horizon of at least one tract (in the tark will be located in the ta	rea of Uniform I TIFICATIONS  T	ained herein is a lis a vertical or rest or unleased tion or has a rig owner of a working ment or a computerity that this of a working intention) in which a mpulsory poolin,	spacing  true and com directional w mineral inter th to drill thi ing interest or ulsory pooling organization rest or unleas iny part of the g order from	Unit Type 1 Horizable Hori	2185 FWL  izontal □ Vertical  SURVEYOR CERTIFI  I hereby certify that the w surveys made by me or unimy belief.	Groun  ICATIONS  vell location show der my supervision	and Floor Ele	evation:	EDDY  om field notes of actual		
OPER.  I hereby my know organiz includin location interest, entered  If this w consent in each interval  Signatur  Coni	at Area or Are	rea of Uniform I TIFICATIONS  T	anterest  Interest  It is a vertical or rest or unleased tion or has a rig owner of a working ment or a computer of a working interest or unique of a working interest or a working interest of a work	spacing  true and com directional w mineral inter th to drill thi ing interest or ulsory pooling organization rest or unleas iny part of the g order from	Unit Type 1 Horizable Hori	2185 FWL  izontal □ Vertical  SURVEYOR CERTIFI  I hereby certify that the w surveys made by me or unimy belief.  Signature and Seal of Profes	Groun  ICATIONS  well location show der my supervision  sssional Surveyor	and Floor Ele	evation:	EDDY  om field notes of actual		

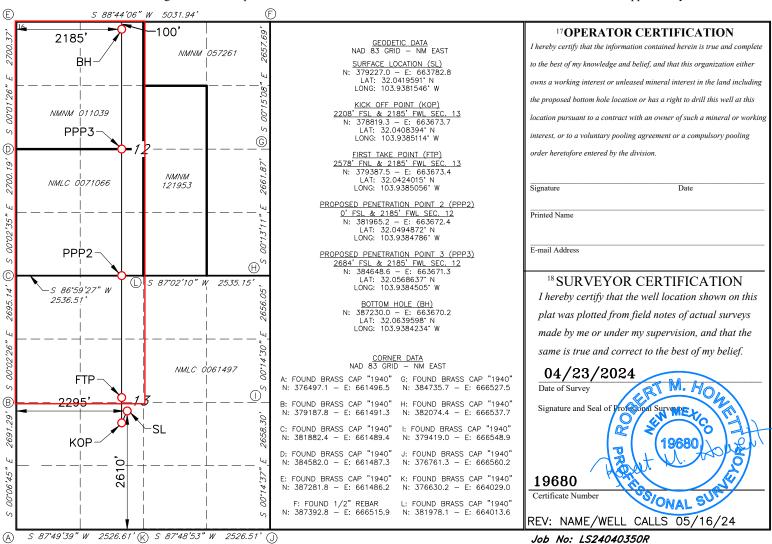
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numb 30-015-53	<sup>2</sup> Pool Code <b>13354</b>	ONE SPRING	
<sup>4</sup> Property Code		operty Name 3/12 FED COM	<sup>6</sup> Well Number <b>574H</b>
7 OGRID NO. 14744		perator Name E OIL COMPANY	<sup>9</sup> Elevation <b>3002'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County		
K	13	26S	29E		2610	SOUTH	2295	WEST	EDDY		
11 Bottom Hole Location If Different From Surface											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
C	12	26S	29E		100	NORTH	2185	WEST	EDDY		
12 Dedicated Acres	13 Joint	or Infill 14	Consolidation	Code 1	5 Order No.	•	•		•		
480											

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.



<u>C-1</u>	<u>02</u>		En	C3 /		ral Resources Departr	nent	Revised July 9, 2024		
	it Electronical CD Permitting	,		OIL (	CONSERVA	TION DIVISION			☐ Initial S	ubmittal
Via O	CD I CITIIICHIB							Submittal Type:	☐ Amende	d Report
								Турс.	☐ As Drill	ed
					WELL LOCA	ATION INFORMATION				
	Number 15-53637		Pool Code 13354			Pool Name CORRAL CANYON S	SOUTH; BO	NE SPRII	NG	
Prope 3338	erty Code 76		Property Na FULLER		D COM				Well Numb	er
OGR 1474	ID No. 4		Operator N MEWBOU		COMPANY				Ground Lev 3002'	vel Elevation
Surfa	ce Owner: $\square$	State ☐ Fee ☐	Tribal 🗆 Fed	leral		Mineral Owner: □	State ☐ Fee	□ Tribal □	Federal	
					Sur	rface Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	Longitude	County
K	13	26S	29E		2610 FSL	2275 FWL	32.041957		03.9382176	EDDY
11	110	200	ZUL			m Hole Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	Longitude	County
С	12	26S	29E		100 FNL	2090 FWL	32.063955	0 1	03.9387299	EDDY
0	12	200	ZUL		TOOTINE	20301 VVL	1			LDD1
	cated Acres	Infill or Defi	ning Well	Defining	g Well API	Overlapping Spacing	g Unit (Y/N)	Consolida	tion Code	
Orde	Numbers.	-L		1		Well setbacks are un	ıder Common (	Ownership:	□Yes □No	
					***	OMP L. GIOD				
UL	Section	Township	Danga	Lot	Ft. from N/S	Off Point (KOP) Ft. from E/W	Latitude	1	Lanaituda	County
		1	Range	Lot					Longitude	County
K	13	26S	29E		2208 FSL		32.040826	/ 1	03.9388176	EDDY
T.17	G .:	m 1:	T p	T		Take Point (FTP)	T	Ι.		G i
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County
F	13	26S	29E		2540 FNL		32.0423905 10		03.9388119	EDDY
	1 0	m 1:		T		Take Point (LTP)	T			
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County
С	12	26S	29E		100 FNL	2090 FWL	32.063955	0 1	03.9387299	EDDY
**		0.4.4.10		1				151 51		
Uniti	zed Area or Ai	rea of Uniform	Interest	Spacing	Unit Type <b>V</b> Hor	rizontal   Vertical	Grou	nd Floor Ele	evation:	
				1			l			
OPEI	RATOR CERT	TIFICATIONS				SURVEYOR CERTIFI	CATIONS			
my knoorgan includ locatio interes	owledge and bel ization either ow ing the proposed on pursuant to a	ief, and, if the wel ens a working inte d bottom hole loca contract with an o ary pooling agree	l is a vertical or rest or unleased tion or has a rig owner of a work	directional v mineral inte ght to drill thi ing interest o	rest in the land	I hereby certify that the w surveys made by me or un- my belief.				
conser in eac	nt of at least one h tract (in the ta		of a working inte ation) in which a mpulsory poolin	rest or unlea any part of the ag order from	sed mineral interest e well's completed	,				
			09/4/2	2024						
Signat			Date			Signature and Seal of Profes	ssional Surveyor			
Cor	ner Whit	ley				_	-			
Printed	l Name					Certificate Number	Date of Surve	<u> </u>		
cwl	nitley@m	newbourn	e.com							
Email	Address					-				

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

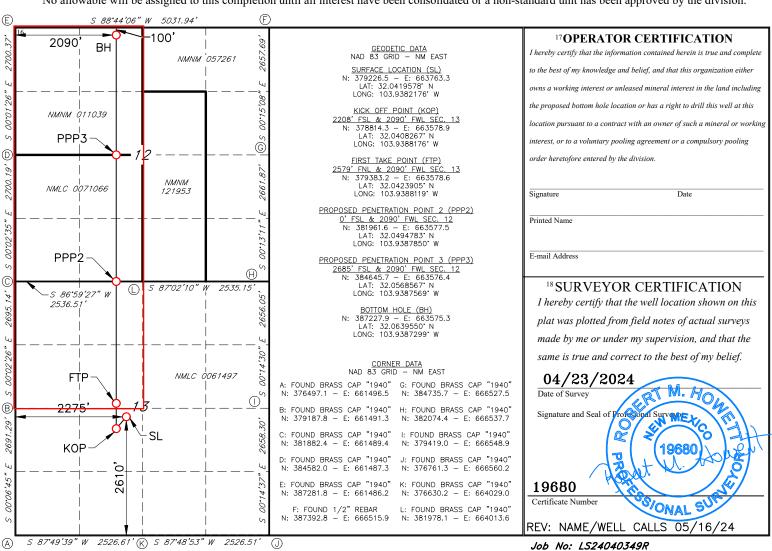
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numb	er	<sup>2</sup> Pool Code	3 Pool Name				
30-015-53	637	13354	CORRAL CANYON SOUTH; B	ONE SPRING			
<sup>4</sup> Property Code			operty Name 3/12 FED COM	<sup>6</sup> Well Number <b>523H</b>			
7 OGRID NO. 14744		1	erator Name E OIL COMPANY	<sup>9</sup> Elevation <b>3002'</b>			

#### <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County			
K	13	26S	29E		2610	SOUTH	2275	WEST	EDDY			
	11 Bottom Hole Location If Different From Surface											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
C	12	26S	29E		100	NORTH	2090	WEST	EDDY			
12 Dedicated Acres	13 Joint	or Infill 14	Consolidation	Code 15	Order No.							
480												

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.



C-102 State of New Energy, Minerals & Natural						ral Resources Departr	nent			Revised July 9, 2024	
	Electronical	у		OIL (	CONSERVA	TION DIVISION			☐ Initial St	uhmittal	
Via OCL	) Permitting							Submitta			
								Type:	☐ As Drille	-	
					WELL LOCA	TION INFORMATION			□ As Dillio	<u> </u>	
						Pool Name CORRAL CANYON	SOUTH (BC	NE SPR	ING) OIL		
Property Code Property Name FULLER 13/12 FED COM								Well Numb	er		
OGRID No. Operator Name 14744 MEWBOURNE OIL COMPANY								Ground Lev 2996'	vel Elevation		
Surface	Owner: 🗆 S	State   Fee	Tribal 🗆 Fee	leral		Mineral Owner:	State ☐ Fee	□ Tribal □	Federal		
					Sur	face Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County	
K	13	26S	29E		2610 FSL	. 2215 FWL	32.041949	9	103.9384110	EDDY	
11	10	200	ZJL		II.	m Hole Location				LDD1	
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County	
D	12	26S	29E		100 FNL	660 FWL	32.063882	6	103.9433444	EDDY	
	12	200	ZUL		1001111	10001111					
Dedicated Acres Infill or Defining Well Defining Well API 480			Overlapping Spacing	g Unit (Y/N)	Consolida	ation Code					
Order Numbers.					Well setbacks are un	Well setbacks are under Common Ownership: □Yes □No					
					Occ D : (//OD)						
UL	Section	Township	Danga	Lot	Ft. from N/S	Off Point (KOP) Ft. from E/W	Latitude		Longitudo	County	
UL.		1	Range	Lot					Longitude	County	
L	13	26S	29E		2208 FSL					EDDY	
T 17	G i	m 1:	T 70	T + .	I	Take Point (FTP)	T 1		r 1, 1		
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County	
E	13	26S	29E		2540 FNL		32.042225	3	103.9434219	EDDY	
7.17	a :	m 1:	I 5	Ι	I	Cake Point (LTP)	T 1		r : 1		
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County	
D	12	26S	29E		100 FNL	660 FWL	32.063882	6	103.9433444	EDDY	
Unitize	d Area or Ar	ea of Uniform I	nterest	Specing	Unit Type V Hor	izontal   Vertical	Grou	nd Floor El	evation:		
				Spacing	omt Type 🛍 Hor	izontai 🗆 Verticai					
OPERA	TOR CERT	IFICATIONS				SURVEYOR CERTIFI	CATIONS				
			ained herein is	true and com	plete to the best of	I hough contift that the se	uall la agricus alsos	41.:	lat was platted fu	om Gold notes of setual	
my know organiza including location	ledge and beli- tion either own g the proposed pursuant to a c	ef, and, if the well ns a working inter bottom hole local contract with an o	l is a vertical or est or unleased tion or has a rig wwner of a work	directional w mineral inter ght to drill thi ing interest o	vell, that this rest in the land	I hereby certify that the w surveys made by me or un- my belief.					
	by the division.		or a compl	o. y pooung	5 we. neretojore						
consent of in each t	of at least one i ract (in the tar		f a working inte tion) in which a	rest or unleas any part of the	sed mineral interest well's completed						
			09/04/	2024							
Signature	:		Date			Signature and Seal of Profes	sional Surveyor				
Conn	er Whit	ley									
Printed N						Certificate Number	Date of Surve	ey			
CWhi	tlav@m	awhaurna	a com								
	cwhitley@mewbourne.com  Fmail Address										

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

#### ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

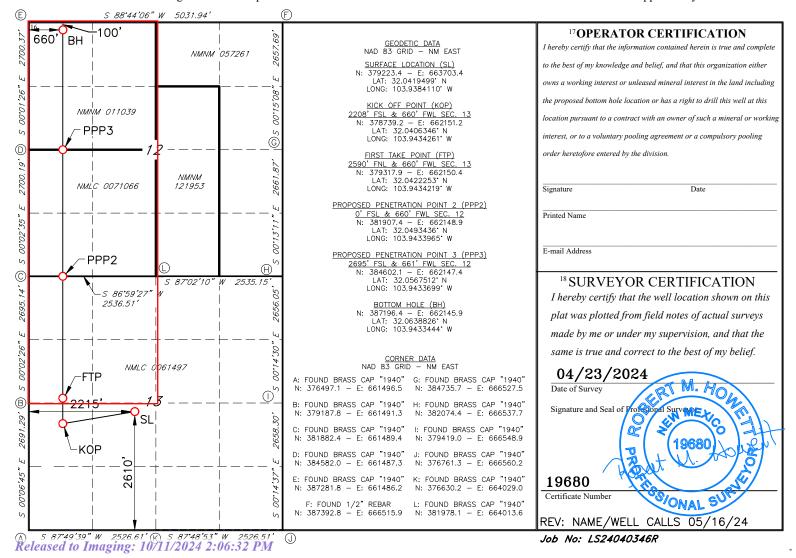
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numb	er	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name				
30-015-53	3518	13354	CORRAL CANYON	SOUTH; B	ONE SPRING		
<sup>4</sup> Property Code	FULLER 13/12 FED COM				<sup>6</sup> Well Number <b>522H</b>		
<sup>7</sup> OGRID NO. <b>14744</b>			erator Name E OIL COMPANY		<sup>9</sup> Elevation <b>2996'</b>		

<sup>10</sup> Surface Location

					Bullace	Loudion			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
K	13	26S	29E		2610	SOUTH	2215	WEST	EDDY
	11 Bottom Hole Location If Different From Surface								
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	12	26S	29E		100	NORTH	660	WEST	EDDY
12 Dedicated Acres	13 Joint	or Infill 14	Consolidation	Code 15	Order No.				
480									

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.



C-102 State of New Energy, Minerals & Natural						ral Resources Dep				Revised July 9, 2024	
	it Electronical CD Permitting	,		OIL (	CONSERVA	ATION DIVISIO	)N		☐ Initial S	ubmittal	
								Submittal Type:	1 Amende	✓ Amended Report	
						☐ As Drilled					
					WELL LOCA	ATION INFORMAT	ION				
	Jumber 5-55237		Pool Code 13354			Pool Name CORRAL CANYO	ON SOUTH; BC	NE SPRI	NG		
Property Code Property Name FULLER 13/12 FED COM						Well Number 571H			oer		
OGRID No.  14744  Operator Name  MEWBOURNE OIL COMPANY								Ground Le 2994'	vel Elevation		
Surface Owner: □ State □ Fee □ Tribal □ Federal					Mineral Owne	r: 🗆 State 🗆 Fee	□ Tribal □	Federal			
					Su.	rface Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County	
K	13	26S	29E		2610 FSI				103.9384756	EDDY	
IX	13	203	ZJL			m Hole Location	-			LDD1	
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County	
D	12	26S	29E		100 FNL	330 FWL	32.063865	58 1	103.9444092	EDDY	
	12	200	ZJL		1001111	0001 11				LDD1	
Dedic	Dedicated Acres Infill or Defining Well 480			Defining	g Well API	Overlapping Sp	pacing Unit (Y/N)	Consolida	ntion Code		
Order	Order Numbers.				Well setbacks a	Well setbacks are under Common Ownership: □Yes □No					
UL	Section	Township	Damas	Lot	Ft. from N/S	Off Point (KOP)  Ft. from E/W	Latitude		Lanaituda	Country	
LOL		1	Range	Lot			32.040590		Longitude	County	
L	13	26S	29E		2208 FSL				103.9444896	EDDY	
UL	Section	Township	Range	Lot	First Ft. from N/S	Take Point (FTP)  Ft. from E/W	Latitude		Longitude	County	
		1	_	Lot			32.042187		103.9444858	,	
Е	13	26S	29E		25I € FNI	_ 330 FWL Take Point (LTP)	32.042107	2   1	103.9444030	EDDY	
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County	
		1		Lot			32.063865		103.9444092	EDDY	
D	12	26S	29E		100 FNL	330 FWL	02.000000	,,,	100.5444052	ובטטז	
Unitiz	zed Area or A	rea of Uniform	Interest	Spacing	Unit Type 🗹 Ho	rizontal   Vertical	Grou	ınd Floor Ele	evation:		
OPER	RATOR CERT	TIFICATIONS				SURVEYOR CER	RTIFICATIONS				
my kno organi: includi locatio interes	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.				surveys made by me my belief.				om field notes of actual und correct to the best of		
in each	nt of at least one In tract (in the ta Il will be located	lessee or owner	of a working inte ation) in which c ompulsory poolin	erest or unlea any part of th ag order from	n has received the used mineral interess we well's completed n the division.	,					
Signatu	are	0	Date			Signature and Seal of	Professional Surveyor				
Con	ner Whit	tley									
Printed	Name					Certificate Number	Date of Surv	rey			
cwh	nitley@m	newbourn	e.com								
	Email Address					-					

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

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-55	l l		CORRAL CANYON SOUTH; Bo	ONE SPRING
<sup>4</sup> Property Code			operty Name 3/12 FED COM	<sup>6</sup> Well Number <b>571H</b>
<sup>7</sup> OGRID NO. <b>14744</b>			erator Name E OIL COMPANY	<sup>9</sup> Elevation <b>2994'</b>

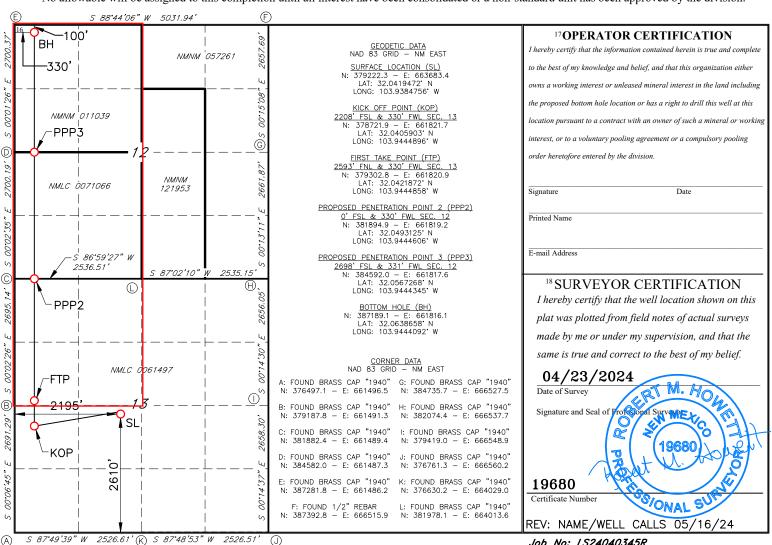
<sup>10</sup> Surface Location

K	13	26S	29E	2610	SOUTH	2195	WEST	EDDY
K	13	リッドビ	29E	2610	SOUTH	2195		EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	12	26S	29E		100	NORTH	330	WEST	EDDY
12 Dedicated Acres	13 Joint	or Infill 1	4 Consolidation	Code 15 (	Order No.				
480									

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.

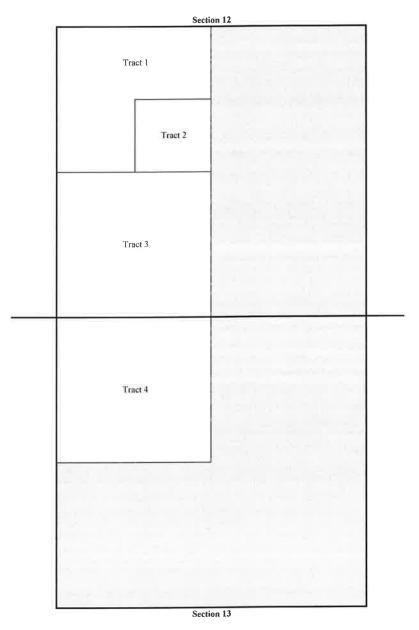


Job No: LS24040345R

#### **Section Plat**

Fuller 13/12 Fed Com #571H
Fuller 13/12 Fed Com #522H
Fuller 13/12 Fed Com #563H
Fuller 13/12 Fed Com #523H
Fuller 13/12 Fed Com #574H
W/2 of Section 12 & NW/4 of Section 13-T26S-R29E

W/2 of Section 12 & NW/4 of Section 13-T26S-R29E Eddy County, NM



#### Tract 1: W2NW & NENW of Section 12 - Federal Lease NMNM 011039

Mewbourne Oil Company, et al. Carbon Techs Energy, Inc. Nu-Energy Oil & Gas, Inc

#### Tract 2: SENW of Section 12 - Federal Lease NMNM 011039

Mewbourne Oil Company, et al. Carbon Techs Energy, Inc. Nu-Energy Oil & Gas, Inc

#### Tract 3: SW of Section 12 - Federal Lease NMNM 071066

Mewbourne Oil Company, et al Carbon Techs Energy, Inc. Nu-Energy Oil & Gas, Inc

#### Tract 4: NW of Section 13 - Federal Lease NMNM 061497

Mewbourne Oil Company, et al

Mewbourne Oil Company Case No. 24795 Exhibit A-3 RECAPITUALTION FOR

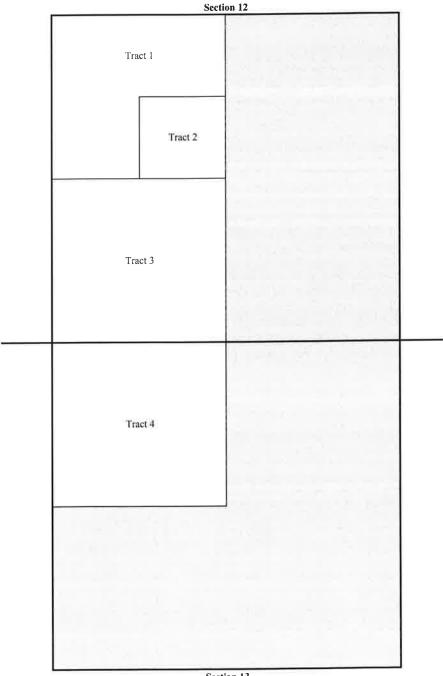
Fuller 13/12 Fed Com #571H

Fuller 13/12 Fed Com #522H

Fuller 13/12 Fed Com #563H Fuller 13/12 Fed Com #523H Fuller 13/12 Fed Com #574H

Tract Number	Number of Acres Committeed	Percentage of Interst in Communitized Area
1	120	25.000000%
2	40	8.333333%
3	160	33.333333%
4	160	33,333333%
TOTAL	480	100.000000%

T26S-R29E, Eddy County, NM



Section 13

#### TRACT OWNERSHIP

Fuller 13/12 Fed Com #571H Fuller 13/12 Fed Com #522H Fuller 13/12 Fed Com #563H Fuller 13/12 Fed Com #523H Fuller 13/12 Fed Com #574H

W/2 of Section 12 & NW/4 of Section 13-T26S-R29E Eddy County, NM

#### W/2 of Section 12 & NW/4 of Section 13

#### **Bone Spring Formation:**

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	96.666666%
*Carbon Techs Energy, Inc.	1.666667%
*Nu-Energy Oil & Gas, Inc	1.666667%
TOTAL	100.000000%

**Total Interest Being Pooled:** 

3.333334%

#### OWNERSHIP BY TRACT

#### W2NW & NENW of Section 12

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al	95.000000%
*Carbon Techs Energy, Inc.	2.500000%
*Nu-Energy Oil & Gas, Inc	2.500000%
*Exco Resources, Inc. (record title)	0.000000%
*RKC, Inc. (record title)	0.000000%
TOTAL	100.000000%

#### **SENW of Section 12**

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al	95.000000%
*Carbon Techs Energy, Inc.	2.500000%
*Nu-Energy Oil & Gas, Inc	2.500000%
*Exco Resources, Inc. (record title)	0.000000%
*RKC, Inc. (record title)	0.000000%
*John F. Green (record title)	0.000000%
TOTAL	100.000000%

#### SW of Section 12

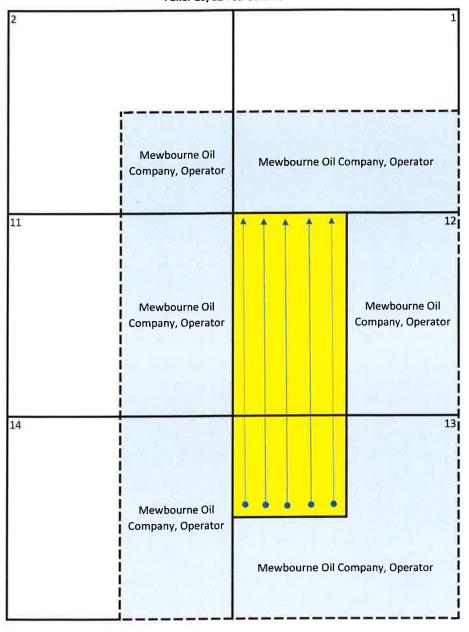
Owner	% of Leasehold Interest
Mewbourne Oil Company, et al	100.000000%
*Carbon Techs Energy, Inc.	2.500000%
*Nu-Energy Oil & Gas, Inc	2.500000%
*Exco Resources, Inc. (record title)	0.000000%
*Rapada 1981-A Limited Partnership (record title)	0.000000%
*Vivian M. Kral (record title)	0.000000%
TOTAL	100.000000%

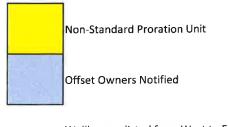
#### NW of Section 13

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al	100.000000%
TOTAL	100.000000%

<sup>\*</sup>Owners being pooled

Fuller 13/12 Fed Com #571H Fuller 13/12 Fed Com #522H Fuller 13/12 Fed Com #563H Fuller 13/12 Fed Com #523H Fuller 13/12 Fed Com #574H





Wellbores - listed from West to East above

Mewbourne Oil Company Case No. 24795 Exhibit A-4

#### MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715

July 3, 2024

#### Via Certified Mail

#### Working Interest Owner

Re: Well Proposals - 13/12 Prospect

Sections 13/12-T26S-R29E Eddy County, New Mexico

#### Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to drill the following horizontal wells to evaluate the Bone Spring formation:

#### Fuller 13/12 Fed Com #571H

2610' FSL & 2195' FWL (SL) (Sec. 13)

100' FNL & 440' FWL (BHL) (Sec. 12)

TVD: 9,556'; MD: 17,550

Spacing Unit: W/2 of Section 12 and NW/4 of Section 13

#### Fuller 13/12 Fed Com #522H

2610' FSL & 2215' FWL (SL) (Sec. 13)

100' FNL & 880' FWL (BHL) (Sec. 12)

TVD: 8,930'; MD: 16,850

Spacing Unit: W/2 of Section 12 and NW/4 of Section 13

#### Fuller 13/12 Fed Com #563H

2610' FSL & 2255' FWL (SL) (Sec. 13)

100' FNL & 1320' FWL (BHL) (Sec. 12)

TVD: 9,620'; MD: 17,850

Spacing Unit: W/2 of Section 12 and NW/4 of Section 13

#### Fuller 13/12 Fed Com #523H

2610' FSL & 2275' FWL (SL) (Sec. 13)

100' FNL & 1760' FWL (BHL) (Sec. 12)

TVD: 8,988'; MD: 16,750

Spacing Unit: W/2 of Section 12 and NW/4 of Section 13

#### Fuller 13/12 Fed Com #574H

2610' FSL & 2295' FWL (SL) (Sec. 13)

100' FNL & 2200' FWL (BHL) (Sec. 12)

TVD: 9,496'; MD: 17,250

Spacing Unit: W/2 of Section 12 and NW/4 of Section 13

Regarding the above, enclosed for your further handling are our AFEs dated May 16, 2024 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.

Mewbourne Oil Company Case No. 24795 Exhibit A-5 Should you have any questions regarding the above, please email me at <a href="mailto:mrobb@mewbourne.com">mrobb@mewbourne.com</a> or call me at (432) 682-3715.

Sincerely,

MEWBOURNE OIL COMPANY

Mitch Robb Landman

### Received by OCD: 10/11/2024 1:26:51 PM MEWBOURNE OIL COMPANY AUTHORIZATION FOR EXPENDITURE

	R 13/12 FED COM #571H (H3ED) FWL (13); BHL: 100 FNL & 440 FWL	(12) Pros	oect: FULLE	· V		ST: NM
	(is), site. for the a site is	TWP: 265		Prop. TVD	9556	TMD: 17550
					CODE	cc
	ANGIBLE COSTS 0180		0180-0100	TCP \$20,000	0180-0200	- 00
Regulatory Permits & Surveys ocation / Road / Site / Preparation			0180-0105	\$40,000	0180-0205	\$35,000
ocation / Restoration			0180-0106		0180-0206	\$70,000
Daywork / Turnkey / Footage Drilling	g 14 days drig / 3 days comp @	\$28000/d	0180-0110		0180-0210	\$89,700
Fuel	1700 gal/day @ \$3.9/gal		0180-0114	\$99,100	0180-0214	\$156,000
Alternate Fuels			0180-0110	\$50,000	0180-0220	400,00
Mud, Chemical & Additives Mud - Specialized			0180-0121	\$250,000	0180-0221	
Horizontal Drillout Services					0180-0222	\$160,00
Stimulation Toe Preparation					0180-0223	\$30,20
Cementing			0180-0125	\$160,000	0180-0225	\$50,00 \$273,00
Logging & Wireline Services			0180-0130	\$34,000 \$40,000	0180-0230	\$15,00
Casing / Tubing / Snubbing Service	<u>s</u>		0180-0134	\$15,000	0100-0204	
Mud Logging Stimulation	45 Stg 18.7 MM gal / 18.7 M	M lb	0.00 0.0		0180-0241	\$2,070,00
Stimulation Rentals & Other	43 Sig 10.7 MM gail 10.5 M				0180-0242	\$213,00
Water & Other	100% PW @ \$0.25/bbl		0180-0145	\$35,000	0180-0245	
Bits			0180-0148	\$64,100	0180-0248	
Inspection & Repair Services			0180-0150	\$50,000		
Misc Air & Pumping Services			0180-0154	\$12,000	0180-0254	-
Testing & Flowback Services			0100-0100	U12,000	0180-0260	-
Completion / Workover Rig Rig Mobilization			0180-0164	\$150,000		
Transportation			0180-0165	\$30,000	0180-0265	
Welding, Construction & Maint. Ser	vices		0180-0168		0180-0268	
Contract Services & Supervision			0180-0170	\$96,900	0180-0270	\$60,00
Directional Services	Includes Vertical Control		0180-0175	\$300,000	0100.0000	\$40.00
Equipment Rental			0180-0180 0180-0184	\$108,900 \$5,000		
Well / Lease Legal			0180-0185	\$4,500		
Well / Lease Insurance Intangible Supplies			0180-0188	\$7,000		
Damages			0180-0190	\$10,000	0180-0290	
Pipeline Interconnect, ROW Easen	nents		0180-0192		0180-0292	
Company Supervision			0180-0195	\$61,200		
Overhead Fixed Rate			0180-0196	\$10,000		
Contingencies	5% (TCP) 5% (CC)		0180-0199	\$113,800		\$3,846,50
		TOTAL	1	\$2,389,200	<u> </u>	\$3,040,50
	ANGIBLE COSTS 0181		0181-0793			
Casing (19.1" – 30") Casing (10.1" – 19.0")	700' - 13 3/8" 54 5# J-55 ST&C @ \$47	92/fi	0181-0794	\$35,800		
Casing (8.1" – 19.0")	4200' - 9 5/8" 40# HCL80 LT&C @ \$38		0181-0795	\$172,700		
Casing (6.1" – 8.0")	9700' - 7" 29# HPP110 BT&C @ \$34.18		0181-0796	\$354,100		
Casing (4.1" - 6.0")	8550 - 4 1/2" 13.5# HCP-110 CDC-HTC	Q \$19.44/ft			0181-079	
Tubing	8950' - 3 1/2" 9.2# L-80 IPC Tbg @ \$13	3,75/ft		\$50,000	0181-079	\$131.40
Drilling Head			0181-0860	\$50,000	0181-087	\$30,00
Tubing Head & Upper Section	Completion Liner Hongo!				0181-087	
Horizontal Completion Tools Subsurface Equip. & Artificial Lift	Completion Liner Hanger				0181-088	
Service Pumps	(1/13) (2) TP/(2) CP/CIRC PUMP				0181-088	
Storage Tanks	(1/13) (10)OT/(8)WT/(2)GB				0181-089	
Emissions Control Equipment	(1/13) (6)VRT/(2)VRU/(1)FLARE/(3)KO				0181-089	
Separation / Treating Equipment	(1/13) (1)BULK H SEP/(5)TEST H SEP	500#/(1)V SEP 500#	(6		0181-089	
Automation Metering Equipment			-		0181-089	
Oil/Gas Pipeline-Pipe/Valves&Mise			1		0181-090	
Water Pipeline-Pipe/Valves & Misc					0181-090	
On-site Valves/Fittings/Lines&Mise Wellhead Flowlines - Construction					0181-090	
Cathodic Protection					0181-090	
Electrical Installation					0181-090	
Equipment Installation					0181-091	
Oil/Gas Pipeline - Construction			-		0181-092	
Water Pipeline - Construction			¥	a lancare	0181-092	
		TOTA	4	\$612,60		\$1,050,9
		SUBTOTA		\$3,001,80	0	\$4,897,4
THE REPORT OF THE PARTY OF THE	TOTA	L WELL COST		\$7.	899,200	
Official  If neither box is checket  Joint owner agrees that term 0180-024	and by Operator  I have a superior and the superior and t	the selection of the covered by C	perator's insuranc		2 ab 19	E (441) ALT. 4
conditions						
Prepared by	Ryan McDaniel	Da	ie 5/14/2024	-		
Company Approval:	. white	Da	le 5/16/2024	= :		
Company Approval:  Joint Owner Interest:		Da	le 5/16/2024		FU IS	

File: FULLER 13-12 FED COM #571H (H3ED) AFE

Well Name: FULLE	R 13/12 FED COM #522H (B2ED)		Prosp	ect: FU	JLLER				
Location: SL: 2610 FSL & 2215 F	WL (13); BHL: 100 FNL & 880 FW	L (12)	Co	unty: Ed	idy				NM
Sec. 13 Blk: Survey:		TWP: 2	268	RNG:	29E	Prop. TVD	: 8930	TMD:	16850
INT	ANGIBLE COSTS 0180			CODE		TCP	CODE		СС
Regulatory Permits & Surveys				0180-010			0180-0200		enr 000
ocation / Road / Site / Preparation			_	0180-010		\$40,000	0180-0205		\$35,000
Location / Restoration	13 days drig / 3 days comp (	@ \$28000/d	-	0180-011	-	\$388,800	0180-0210		\$89,700
Daywork / Turnkey / Footage Drilling Fuel	1700 gal/day @ \$3.9/gal	& 320000rd		0180-011-		\$92,100	0180-0214		\$125,000
Alternate Fuels	a company of the comp			0180-011			0180-0215		\$66,000
Mud, Chemical & Additives				0180-012		\$45,000	0180-0220		
Mud - Specialized			-	0180-012	1	\$240,000	0180-0221		\$160,000
Horizontal Drillout Services Stimulation Toe Preparation					-		0180-0223		\$30,200
Simulation (de Preparation)				0180-012	.5	\$155,000	0180-0225		\$50,000
Logging & Wireline Services				0180-013	0	\$34,000	0180-0230		\$226,000
Casing / Tubing / Snubbing Service	S			0180-013		\$40,000	0180-0234	<u> </u>	\$15,000
Mud Logging		44.4 Ib		0180-013	17	\$15,000	0180-0241		1,647,000
Stimulation Stimulation Rentals & Other	37 Stg 14.9 MM gal / 14.9 M	AUAL ID	-		-		0180-0242		\$184,000
Water & Other	100% PW @ \$0.25/bbl			0180-014	5	\$35,000			\$95,000
Bits			j	0180-014	8	\$64,100	0180-0248	3	
Inspection & Repair Services				0180-015		\$50,000			\$5,000
Misc. Air & Pumping Services				0180-015		612.000	0180-0254		\$10,000
Testing & Flowback Services			_	0180-015	od	\$12,000	0180-0258		\$10,500
Completion / Workover Rig Rig Mobilization				0180-016	64	\$150,000	3103172.01	-	
Transportation				0180-016		\$30,000	0180-026	5	\$65,000
Welding, Construction & Maint, Ser	vices			0180-016		\$4,000	0180-026	В	\$16,500
Contract Services & Supervision				0180-017		\$91,200	0180-027	0	\$50,000
Directional Services	Includes Vertical Control			0180-017		\$300,000	100000000		640.00
Equipment Rental				0180-018			0180-028		\$40,00
Well / Lease Legal				0180-018	_	\$5,000	-		
Well / Lease Insurance Intangible Supplies				0180-018		\$7,000	-		\$1,00
Damages				0180-019		\$10,000	4		\$10,000
Pipeline Interconnect, ROW Easen	ients			0180-019	92		0180-029		\$5,00
Company Supervision				0180-019		\$57,600			\$28,80
Overhead Fixed Rate				0180-019		\$10,000			\$20,00
Contingencies	5% (TCP) 5% (CC)	***	TAL	0180-019		\$110,200	-		3,232,60
	ANGIRI E GROTO 0404	1.0	JIAL		-	\$2,313,500	1		13,202,00
NOTE: THE PRODUCTION OF THE PROPERTY.	ANGIBLE COSTS 0181			0181-079	93				
Casing (19.1" – 30") Casing (10.1" – 19.0")	700' - 13 3/8" 54.5# J-55 ST&C @ \$47	92/fl		0181-075		\$35,800			
Casing (8.1" – 10.0")	4200" - 9 5/8" 40# HCL80 LT&C @ \$38			0181-079	-	\$172,700			
Casing (6.1" - 8.0")	8350' - 7" 29# HPP110 BT&C @ \$34 1			0181-079	96	\$304,800			*****
Casing (4.1" – 6.0")	8700' - 4 1/2" 13 5# HCP-110 CDC-HT						0181-079		\$180,60
Tubing	8100" - 3 1/2" 9 2# L-80 IPC Tbg @ \$1	3.75/ft		0181-086	en:	\$50,000	1	o .	3.010,50
Drilling Head Tubing Head & Upper Section				0101-00	-	400,000	0181-087	0	\$30,00
Horizontal Completion Tools	Completion Liner Hanger						0181-087	1	\$75,00
Subsurface Equip. & Artificial Lift							0181-088		\$25,00
Service Pumps	(1/13) (2) TP/(2) CP/CIRC PUMP						0181-088		\$8,00
Storage Tanks	(1/13) (10)OT/(8)WT/(2)GB				_		0181-089		\$35,00
Emissions Control Equipment	(1/13) (6)VRT/(2)VRU/(1)FLARE/(3)K(		recent		_		0181-089		\$82,00
Separation / Treating Equipment	(1/13) (1)BULK H SEP/(5)TEST H SE	P SOUBILITY SEF	SUUMI	1			0181-089		\$51,00
Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc							0181-090		\$11,00
Water Pipeline-Pipe/Valves & Misc							0181-090	1	
On-site Valves/Fittings/Lines&Misc							0181-090		\$150,00
Wellhead Flowlines - Construction				-			0181-090		\$80,00
Cathodic Protection			_	-			0181-090		\$68,00
Electrical Installation					-		0181-090		\$90,00
Equipment Installation Oil/Gas Pipeline - Construction					Te.		0181-092		\$9,00
Water Pipeline - Construction							0181-092	21	
		TO	OTAL			\$563,30	ol		\$1,041,50
		SUBTO				\$2,877,20			\$4,274,10
		AL WELL CO		<del> </del>			151,300		
Opt-out	nt by Operator	ine dia		. 10-00	all s	the second second	on Otherway	stings	
Joint owner agrees that item 0180-0245	will be provided by operator, if available, at it	he specified rate. Op	perator	reserves the	e right to	adjust the rate	due lo a ch	ange in mar	ket
conditions			_						_
Prepared by	Ryan McDaniel		Date	5/16/	2024				
Company Approval:	white		Date	e: 5/16/	/2024				
Joint Owner Interest:	Amount:	1170		1, 1, 1,	35	U.S. SIL			
Joint Owner Name:		Signatu	re:						35

File: FULLER 13-12 FED COM #522H (B2ED) AFE

AUTHORIZATION FOR EXPENDITURE Prospect: FULLER Well Name: FULLER 13/12 FED COM #563H (H3FC) ST: NM County: Eddy Location: SL: 2610 FSL & 2255 FWL (13); BHL: 100 FNL & 1320 FWL (12) 26S RNG: 29E Prop. TVD: 9620 TMD: 17850 Sec. 13 Bik: Survey: CODE CODE INTANGIBLE COSTS 0180 \$20,000 0180-0200 Regulatory Permits & Surveys 0180-0100 \$40,000 0180-0205 Location / Road / Site / Preparation 0180-0105 \$70,000 \$200,000 0180-0206 0180-0106 Location / Restoration \$418,700 0180-0210 \$89,700 14 days drlg / 3 days comp @ \$28000/d Daywork / Turnkey / Footage Drilling \$99,100 0160-0214 \$156,000 0180-0114 1700 gal/day @ \$3 9/gal Fuel 0180-0115 0180-0215 \$83,000 Alternate Fuels \$50,000 0180-0220 0180-0120 Mud, Chemical & Additives \$250,000 0180-0221 Mud - Specialized 0180-0121 0180-0222 \$160,000 Horizontal Drillout Services 0180-0223 \$30,200 Stimulation Toe Preparation 0180-0125 \$160,000 0180-0225 \$50,000 Cementing Logging & Wireline Services 0180-0130 \$34,000 0180-0230 \$273,000 \$15,000 0180-0134 \$40.000 0180-0234 Casing / Tubing / Snubbing Services 0180-0137 \$15,000 Mud Logging 0180-0241 \$2,070,000 45 Stg 18.7 MM gal / 18.7 MM lb Stimulation 0180-0242 \$213,000 timulation Rentals & Other \$119,000 0180-0145 \$35,000 0180-0245 Water & Other 100% PW @ \$0.25/bbl \$64,100 0180-0248 0180-0148 Bits 0180-0150 \$50,000 0180-0250 \$5.000 Inspection & Repair Services \$10,000 0180-0254 Misc. Air & Pumping Services 0180-0154 \$24,000 \$12,000 0180-0258 Testing & Flowback Services 0180-0158 \$10,500 0180-0260 Completion / Workover Rig 0180-0164 Rig Mobilization \$30,000 0180-0265 \$65,000 0180-0165 Transportation 0180-0168 \$4,000 0180-0268 \$16,50 Welding, Construction & Maint. Services 0180-0170 \$96.900 0180-0270 \$60,000 Contract Services & Supervision Includes Vertical Control 0180-0175 \$300,000 Directional Services \$40,000 Equipment Rental 0180-0180 \$108,900 0180-0280 0180-0284 0180-0184 \$5,000 Well / Lease Legal \$4,600 0180-0285 Well / Lease Insurance 0180-0185 0180-0288 0180-0188 \$7,000 \$1,000 Intangible Supplies 0180-0290 \$10,000 0180-0190 \$10,000 Damages Pipeline Interconnect, ROW Easements 0180-0192 0180-0292 \$5,000 \$61,200 0180-0295 0180-0195 \$32,400 Company Supervision \$20,000 0180-0196 \$10,000 0180-0296 Overhead Fixed Rale 0180-0299 \$183,200 5% (TCP) 5% (CC) 0180-0199 \$113,800 Contingencies \$3,846,500 \$2,389,300 TANGIBLE COSTS 0181 0181-0793 Casing (19.1" - 30") Casing (10.1" - 19.0") 700' - 13 3/8" 54 5# J-55 ST&C @ \$47 92/II 0181-0794 \$35.800 0181-0795 \$172,700 Casing (8.1" - 10.0") 4200" - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft Casing (6.1" - 8.0") 0181-0796 9800' - 7" 29# HPP110 BT&C @ \$34,18/ft 8750' - 4 1/2" 13 5# HCP-110 CDC-HTQ @ \$19 44/ft 0181-0797 \$181\_700 Casing (4 1" - 6.0") 0181-0798 \$132,900 9050' - 3 1/2" 9 2# L-80 IPC Tbg @ \$13 75/ff Tubing 0181-0860 \$50,000 Drilling Head 0181-0870 \$30,000 Tubing Head & Upper Section 0181-0871 \$75,000 Horizontal Completion Tools Completion Liner Hanger 0181-0880 \$25,000 Subsurface Equip. & Artificial Lift 0181-0886 \$8,000 (1/13) (2) TP/(2) CP/CIRC PUMP Service Pumps 0181-0890 \$35,000 (1/13) (10)OT/(8)WT/(2)GB Storage Tanks (1/13) (6)VRT/(2)VRU/(1)FLARE/(3)KO/(1)AIR 0181-0892 \$28,000 Emissions Control Equipment \$82,000 (1/13) (1)BULK H SEP/(5)TEST H SEP 500#/(1)V SEP 500#/( 0181-0895 Separation / Treating Equipment \$51,000 0181-0898 Automation Metering Equipment 0181-0900 \$11,000 Oil/Gas Pipeline-Pipe/Valves&Misc 0181-0901 Water Pipeline Pipe/Valves & Misc 0181-0906 \$150,000 On-site Valves/Fittings/Lines&Misc 0181-0907 \$80,000 Wellhead Flowlines - Construction 0181-0908 Cathodic Protection \$68,000 0181-0909 Electrical Installation \$90,000 0181-0910 Equipment Installation \$9,000 0181-0920 Dil/Gas Pipeline - Construction 0181-092 Water Pipeline - Construction TOTAL \$616,200 \$1,056,600 SUBTOTAL \$3,005,500 \$4,903,100 \$7,908,600 **TOTAL WELL COST** Insurance procured for the Joint Account by Operator Opini Amenda De Communità Octobre Edita E derre Colombia de Carlorina, Peruduant agai Labilly and Ecosofficia de Resparan Operant falset is entered by the following a section of all the section and considerable in the section of the If neither box is checked above, non-operating working interest owner elects to be covered by Operator's insurance.

Joint owner agrees that aem 0180-0245 will be provided by operator, if evailable, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions 5/14/2024 Ryan McDaniel Date: m. white Date Company Approval 5/16/2024

Signature:

File: FULLER 13-12 FED COM #563H (H3FC) AFE

Joint Owner Name:

	ect: FULLE	R		100	r: NM
Education of the Control of the Cont	unty: Eddy	Prop. TVD	8988		16750
Sec. 13 Blk: Survey: TWP: 26S	RNG: 29E	Prop. IVD	8988	(MD:[	16/50
INTANGIBLE COSTS 0180	CODE	TCP	0180-0200		cc
Regulatory i cirrino di corveyo	0180-0100		0180-0205	_	\$35,000
LUCATION / NOBO / ONC / Treparation	0180-0105		0180-0206		\$70,000
	0180-0110	\$388,800	0180-0210		\$89,700
Fuel 1700 gal/day @ \$3.9/gal	0180-0114	\$92,100	0180-0214		\$125,000
Alternate Fuels	0180-0115		0180-0215		\$66,000
Mud, Chemical & Additives	0180-0120		0180-0220	_	
Mud - Specialized	0180-0121	\$240,000	0180-0221 0180-0222	_	\$160,000
Horizontal Drillout Services Stimulation Toe Preparation			0180-0223		\$30,200
Cementing	0180-0125	\$155,000	0180-0225		\$50,000
Logging & Wireline Services	0180-0130	\$34,000	0180-0230		\$226,000
Casing / Tubing / Snubbing Services	0180-0134	\$40,000	0180-0234	_	\$15,000
Mud Logging:	0180-0137	\$15,000	0180-0241		\$1,647,000
Stimulation 37 Stg 14.9 MM gal / 14.9 MM lb			0180-0241	_	\$184,000
Stimulation Rentals & Other 100% PW @ \$0.25/bbl	0180-0145	\$35,000	0180-0245		\$95,000
Water & Other 100% PW @ \$0.25/bbt	0180-0148	\$64,100	0180-0248		
Inspection & Repair Services	0180-0150	\$50,000	0180-0250		\$5,000
Misc. Air & Pumping Services	0180-0154		0180-0254		\$10,000
Testing & Flowback Services	0180-0158	\$12,000	0180-0258		\$24,000
Completion / Workover Rig	0400 0404	5450,000	0180-0260	-	\$10,500
Rig Mobilization	0180-0164 0180-0165	\$150,000 \$30,000	0180-0265		\$65,000
Transportation Welding, Construction & Maint, Services	0180-0165	\$4,000	0180-0268		\$16,500
Contract Services & Supervision	0180-0170	\$91,200	0180-0270		\$50,000
Directional Services Includes Vertical Control	0180-0175	\$300,000			
Equipment Rental	0180-0180	\$103,500	0180-0280	_	\$40,000
Well / Lease Legal	0180-0184	\$5,000	0180-0284	_	
Well / Lease Insurance	0180-0185	\$4,300	0180-0285 0180-0288		\$1,000
Intangible Supplies	0180-0188	\$7,000 \$10,000	0180-0280		\$10,000
Damages Pipeline Interconnect, ROW Easements	0180-0192	\$10,000	0180-0292	-	\$5,000
Company Supervision	0180-0195	\$57,600			\$28,800
Overhead Fixed Rate	0180-0196	\$10,000			\$20,000
Contingencies 5% (TCP) 5% (CC)	0180-0199	\$110,200	0180-0299		\$153,900
TOTAL		\$2,313,800			\$3,232,600
TANGIBLE COSTS 0181					
Casing (19.1" – 30")	0181-0793				
Casing (10.1" - 19.0") 700' - 13 3/8" 54 5# J-55 ST&C @ \$47 92/ft	0181-0794	\$35,800			
Casing (8.1" - 10.0") 4200' - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft	0181-0795	\$172,700			
Casing (6.1" – 8.0") 8450' - 7" 29# HPP110 BT&C @ \$34.18/ft	0181-0796	\$308,500	0181-0797		\$176,500
Casing (4.1" – 6.0") 8500" - 4 1/2" 13 5# HCP-110 CDC-HTQ (2.519.44/fi			0181-0798		\$120,400
Tubing 8200' - 3 1/2" 9 2# L-80 IPC Tbg @ \$13.75/fl	D181-0860	\$50,000	0101-0750		0110,100
Drilling Head Tubing Head & Upper Section			0181-0870		\$30,000
Horizontal Completion Tools Completion Liner Hanger			0181-0871		\$75,000
Subsurface Equip. & Artificial Lift			0181-0880		\$25,000
Service Pumps (1/13) (2) TP/(2) CP/CIRC PUMP			0181-0886		\$8,000
Storage Tanks (1/13) (10)OT/(8)WT/(2)GB			0181-0890		\$35,000
Emissions Control Equipment (1/13) (5)VRT/(2)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/13) (1)BULK H SEP/(5)TEST H SEP 500#/(1)V SEP 500#/(1)	1		0181-0895		\$82,000
Separation / Treating Equipment (1/13) (1)BULK H SEP/(5)TEST H SEP 500#/(1)V SEP 500#/( Automation Metering Equipment	<b></b>		0181-0898		\$51,000
Oil/Gas Pipeline-Pipe/Valves&Misc			0181-0900		\$11,000
Water Pipeline-Pipe/Valves & Misc			0181-090		
On-site Valves/Fittings/Lines&Misc			0181-0906		\$150,000
Wellhead Flowlines - Construction			0181-090		\$80,000
Cathodic Protection	-		0181-090		\$68,000
Electrical Installation			0181-090		\$90,000
Equipment Installation Oil/Gas Pipeline - Construction			0181-091		\$9,000
Water Pipeline - Construction			0181-092		- Compa lawrence
TOTAL	li -	\$567,000			\$1,038,90
	1		1		70.824519.5
SUBTOTAL	-	\$2,880,800	<u> </u>		\$4,271,50
TOTAL WELL COST		\$7,	52,300		
Insurance procured for the Joint Account by Operator  Operation of the Joint Account by Operator  Operation of the Joint Account by Operator of the Estimate Committee of the Joint Account the	erator's insurance	en mouet en Constant	al court	angs.	-17
Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator conditions.	reserves min nght	no empor use rate	with the d tilla	-Bo Hille	THE STATE OF THE S
Prepared by Ryan McDaniel Date	5/16/2024				
Company Approval: Date	5/16/2024				
Joint Owner Interest: Amount:					
Signature:					
Joint Owner Name			_		

File: FULLER 13-12 FED COM #523H (B2FC) AFE

INTANGIBLE COSTS 0180  INTANGIBLE COSTS 0180  Intangible Costs 0180  Interpretation ocation / Restoration Daywork / Turnkey / Footage Drilling Daywork / Turnkey / Sayson / Say	nty: Eddy RNG: 29E  CODE  1180-0100  1180-0105  1180-0105  1180-0114  1180-0115  1180-0115  1180-0121  1180-0125  1180-0121  1180-0121  1180-0134  1180-0134  1180-0134  1180-0148  1180-0148  1180-0158  1180-0168  1180-0168  1180-0168  1180-0168  1180-0168  1180-0168  1180-0175  1180-0188  1180-0199  1180-0199  1180-0199  1180-0199  1180-0199	\$40,000 \$200,000 \$418,700 \$99,100 \$250,000 \$160,000 \$40,000 \$15,000 \$15,000 \$12,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000	CODE 0180-0200 0180-0205 0180-0205 0180-0205 0180-0206 0180-0214 0180-0215 0180-0221 0180-0222 0180-0222 0180-0223 0180-0223 0180-0223 0180-0223 0180-0230 0180-0230 0180-0234 0180-0242 0180-0242 0180-0244 0180-0245 0180-0245 0180-0246 0180-0254 0180-0256 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260	\$7: NM   T7250   CC   \$35,000   \$17250   S70,000   \$370,000   \$155
INTANGIBLE COSTS 0180  Interpretation	CODE  0180-0100 0180-0105 0180-0105 0180-0106 0180-0114 0180-0115 0180-0121 0180-0125 0180-0125 0180-0130 0180-0134 0180-0137 0180-0137 0180-0145 0180-0145 0180-0150 0180-0156 0180-0156 0180-0156 0180-0156 0180-0156 0180-0156 0180-0156 0180-0156 0180-0156 0180-0156 0180-0156 0180-0156 0180-0159 0180-0192 0180-0192 0180-0195 0180-0199	TCP \$20,000 \$40,000 \$418,700 \$99,100 \$250,000 \$1	CODE 0180-0200 0180-0205 0180-0205 0180-0205 0180-0206 0180-0214 0180-0215 0180-0221 0180-0222 0180-0222 0180-0223 0180-0223 0180-0223 0180-0223 0180-0230 0180-0230 0180-0234 0180-0242 0180-0242 0180-0244 0180-0245 0180-0245 0180-0246 0180-0254 0180-0256 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260	\$35,000 \$770,000 \$89,700 \$155,000 \$83,000 \$160,000 \$30,200 \$50,000 \$15,000 \$119,000 \$213,000 \$119,000 \$24,000 \$10,500 \$44,000 \$10,500 \$10,000 \$10,500 \$10,000 \$10,500 \$10,000
egulatory Permits & Surveys ocation / Road / Site / Preparation ocation / Restoration laywork / Turnkey / Footage Drilling liternate Fuels Aud. Chemical & Additives Aud. Specialized lorizontal Drillout Services Simulation Toe Preparation Dementing logging & Wireline Services Simulation Toe Preparation Dementing Logging & Wireline Services Simulation Rentals & Other Mater & Other Simulation Rentals & Other Mater & Other Misc, Air & Pumping Services Misc, Air & Pumping Services Logging & Flowback Services Completion / Workover Rig Rig Mobilization Welding, Construction & Maint. Services Contract Services & Supervision Directional Services Equipment Rental Well / Lease Legal Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies  5% (TCP)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (10.1" – 19.0")  Agon - 9 5/8" 40# HCLBB LT&C @ \$38.51/ft Casing (6.1" – 10.0")  Casing (1.1" – 10.0")  Casing (1.1" – 30")  Casing (4.1" – 6.0")  8350 - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft Casing (4.1" – 6.0")  8350 - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft	0180-0100 0180-0105 0180-0106 0180-0116 0180-0110 0180-0115 0180-0115 0180-0125 0180-0125 0180-0130 0180-0134 0180-0134 0180-0134 0180-0158 0180-0158 0180-0158 0180-0168 0180-0168 0180-0168 0180-0168 0180-0188 0180-0189 0180-0192 0180-0195 0180-0199 0180-0199	\$20,000 \$40,000 \$200,000 \$200,000 \$418,700 \$99,100 \$50,000 \$160,000 \$15,000 \$15,000 \$15,000 \$12,000 \$150,000 \$108,900 \$1	0180-0200 0180-0205 0180-0205 0180-0206 0180-0214 0180-0215 0180-0214 0180-0221 0180-0221 0180-0222 0180-0223 0180-0223 0180-0223 0180-0234 0180-0234 0180-0234 0180-0245 0180-0245 0180-0246 0180-0246 0180-0265	\$35,000 \$70,000 \$89,701 \$156,001 \$30,20 \$50,00 \$273,00 \$15,00 \$213,00 \$119,00 \$24,00 \$10,50 \$40,00 \$40,00 \$40,00 \$10,50 \$40,00 \$10,00 \$40,00 \$40,00 \$40,00 \$10,00 \$40,00 \$40,00 \$40,00 \$40,00 \$40,00 \$40,00 \$40,00 \$40,00 \$50,00 \$40,00 \$
egulatory Permits & Surveys cocation / Restoration cocation / Restoration laywork / Turnkey / Footage Drilling luel 1700 gal/day @ \$3.9/gal luel 1700 gal/day @ \$	0180-0105 0180-0106 0180-0110 0180-0114 0180-0115 0180-0115 0180-0121 0180-0125 0180-0125 0180-0130 0180-0134 0180-0137 0180-0137 0180-0136 0180-0158 0180-0158 0180-0158 0180-0158 0180-0158 0180-0158 0180-0158 0180-0159 0180-0192 0180-0195 0180-0195 0180-0195 0180-0199	\$40,000 \$200,000 \$418,700 \$99,100 \$50,000 \$160,000 \$160,000 \$40,000 \$15,000 \$54,000 \$15,000 \$12,000 \$15,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$113,800	0180-0205 0180-0206 0180-0210 0180-0214 0180-0215 0180-0221 0180-0221 0180-0221 0180-0222 0180-0223 0180-0223 0180-0234 0180-0234 0180-0242 0180-0244 0180-0245 0180-0245 0180-0246 0180-0246 0180-0246 0180-0250 0180-0265	\$70,000 \$89,700 \$156,000 \$30,20 \$50,00 \$273,00 \$15,00 \$213,00 \$119,00 \$10,00 \$24,00 \$10,50 \$40,00 \$10,50 \$10,50 \$10,50 \$10,50 \$10,00 \$10,50 \$10,00 \$1
ocation / Restoration Daywork / Turnkey / Footage Drilling Daywork / Turnkey / Footag	0180-0106 0180-0110 0180-0114 0180-0115 0180-0120 0180-0125 0180-0125 0180-0130 0180-0134 0180-0137 0180-0134 0180-0154 0180-0156 0180-0156 0180-0156 0180-0156 0180-0158 0180-0158 0180-0158 0180-0158 0180-0159 0180-0192 0180-0193	\$200,000 \$418,700 \$99,100 \$50,000 \$250,000 \$160,000 \$15,000 \$15,000 \$15,000 \$15,000 \$12,000 \$108,900 \$	0180-0210 0180-0214 0180-0215 0180-0215 0180-0221 0180-0222 0180-0223 0180-0223 0180-0223 0180-0234 0180-0234 0180-0234 0180-0242 0180-0242 0180-0244 0180-0245 0180-0256	\$89,700 \$156,000 \$83,000 \$160,000 \$30,200 \$50,000 \$273,000 \$213,000 \$213,000 \$119,000 \$24,000 \$10,500 \$40,000 \$10,500 \$40,000
ocasion / Nestoration / Nestor	0180-0110 0180-0114 0180-0115 0180-0125 0180-0125 0180-0130 0180-0134 0180-0137 0180-0137 0180-0136 0180-0158 0180-0158 0180-0158 0180-0158 0180-0158 0180-0158 0180-0158 0180-0158 0180-0158 0180-0158 0180-0158 0180-0159 0180-0192 0180-0192 0180-0195 0180-0199	\$99,100 \$50,000 \$250,000 \$160,000 \$34,000 \$40,000 \$15,000 \$35,000 \$54,000 \$12,000 \$108,900 \$108,900 \$10,000 \$10,000 \$11,000	0180-0214 0180-0215 0180-0215 0180-0220 0180-0221 0180-0221 0180-0222 0180-0223 0180-0225 0180-0234 0180-0234 0180-0241 0180-0245 0180-0245 0180-0246 0180-0246 0180-0246 0180-0250 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0260	\$156,000 \$83,000 \$160,000 \$30,200 \$50,000 \$273,000 \$213,000 \$119,000 \$119,000 \$10,500
Internate Fuels  Judy Chemical & Additives  Judy Specialized  Judy	0180-0115 0180-0120 0180-0121 0180-0125 0180-0125 0180-0125 0180-0130 0180-0134 0180-0137 0180-0145 0180-0150 0180-0150 0180-0156 0180-0156 0180-0156 0180-0164 0180-0164 0180-0165 0180-0168 0180-0180 0180-0180 0180-0192 0180-0192 0180-0195 0180-0199	\$50,000 \$250,000 \$160,000 \$34,000 \$15,000 \$15,000 \$54,000 \$12,000 \$108,900 \$4,000 \$108,900 \$1	0180-0215 0180-0221 0180-0222 0180-0222 0180-0223 0180-0223 0180-0223 0180-0234 0180-0242 0180-0242 0180-0244 0180-0245 0180-0245 0180-0245 0180-0250 0180-0250 0180-0250 0180-0250 0180-0260	\$83,000 \$160,00 \$30,20 \$50,00 \$15,00 \$213,00 \$119,00 \$119,00 \$10,50 \$44,00 \$10,50 \$44,00 \$10,50 \$50,00 \$10,00 \$24,00 \$10,50 \$10,
Aud, Chemical & Additives Mud - Specialized Iorizontal Drillout Services Stimulation Toe Preparation Zementing Zementing Zeging & Wireline Services Casing / Tubing / Snubbing Services Wad Logging Stimulation  45 Stg 18.7 MM gal / 18.7 MM lb Stimulation Rentals & Other Water & Other Water & Other Water & Other Water & 100% PW @ \$0.25/bbl Bits Inspection & Repair Services Misc, Air & Pumping Services Testing & Flowback Services Completion / Workover Rig Rig Mobilization Transportation Wetding, Construction & Maint, Services Contract Services & Supervision Directional Services Equipment Rental Well / Lease Insurance Includes Vertical Control Equipment Rental Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies  5% (TCP)  **TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (10.1" – 19.0")  Casing (1.1" – 10.0")  Casing (6.1" – 8.0")  Saso - 4 1/2" 13.5# HCP-110 CDC-HTO @ \$19.44/ff Casing (4.1" – 6.0")  Basing - 4 1/2" 13.5# HCP-110 CDC-HTO @ \$19.44/ff Casing (4.1" – 6.0")  Basing - 4 1/2" 13.5# HCP-110 CDC-HTO @ \$19.44/ff Casing (4.1" – 6.0")  Basing - 4 1/2" 13.5# HCP-110 CDC-HTO @ \$19.44/ff	0180-0120 0180-0121 0180-0125 0180-0125 0180-0130 0180-0137 0180-0134 0180-0137 0180-0148 0180-0150 0180-0154 0180-0154 0180-0154 0180-0156 0180-0156 0180-0156 0180-0175 0180-0180 0180-0175 0180-0195 0180-0190 0180-0190 0180-0199 0180-0199 0180-0199 0180-0199	\$160,000 \$34,000 \$40,000 \$15,000 \$15,000 \$15,000 \$12,000 \$150,000 \$30,000 \$4,000 \$108,90 \$5,000 \$108,90 \$108,90 \$100,000 \$100,000 \$100,000 \$110,000	0180-0220 0180-0221 0180-0221 0180-0222 0180-0223 0180-0225 0180-0234 0180-0241 0180-0242 0180-0242 0180-0245 0180-0245 0180-0245 0180-0246 0180-0256 0180-0260	\$160,00 \$30,20 \$50,00 \$15,00 \$15,00 \$2,070,00 \$213,00 \$119,00 \$10,00 \$10,50 \$65,00 \$16,50 \$40,00 \$10
Mud - Specialized  lorizontal Drillout Services  Simulation Toe Preparation  Zementling  Logging & Wireline Services  Casing / Tubing / Snubbing Services  Wad Logging  Stimulation 45 Stg 18.7 MM gal / 18.7 MM lb  Stimulation Rentals & Other  Water & Other 100% PW @ \$0.25/bbl  Bits Inspection & Repair Services  Misc, Air & Pumping Services  Testing & Flowback Services  Completion / Workover Rig  Rig Mobilization  Transportation  Welding, Construction & Maint, Services  Confract Services & Supervision  Directional Services  Equipment Rental  Well / Lease Legal  Well / Lease Insurance  Includes Vertical Control  Equipment Rental  Well / Lease Insurance  Intangible Supplies  Damages  Pipeline Interconnect, ROW Easements  Company Supervision  Overhead Fixed Rate  Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (10.1" – 19.0") 700" 13.3/8" 54.5# J.55 ST&C @ \$47.92/ft  Casing (6.1" – 8.0") 9600" 7" 29# HPP110 BT&C @ \$38.51/ft  Casing (6.1" – 8.0") 9600" 7" 29# HPP110 BT&C @ \$34.5# J.55 ST&C  Casing (4.1" – 6.0") 8360" - 4.12" 13.5# HCP.110 CDC-HTO @ \$19.44/ft	0180-0121  0180-0125  0180-0130  0180-0134  0180-0137  0180-0145  0180-0148  0180-0150  0180-0156  0180-0156  0180-0166  0180-0170  0180-0175  0180-0185  0180-0185  0180-0185  0180-0185  0180-0185  0180-0192  0180-0192  0180-0199	\$160,000 \$34,000 \$40,000 \$15,000 \$15,000 \$15,000 \$12,000 \$150,000 \$30,000 \$4,000 \$108,90 \$5,000 \$108,90 \$108,90 \$100,000 \$100,000 \$100,000 \$110,000	0180-0221 0180-0222 0180-0223 0180-0223 0180-0234 0180-0234 0180-0234 0180-0242 0180-0242 0180-0248 0180-0248 0180-0250 0180-0250 0180-0250 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265	\$30,20 \$50,00 \$273,00 \$15,00 \$15,00 \$213,00 \$119,00 \$10,00 \$24,00 \$10,50 \$65,00 \$40,00 \$10,00 \$10,50 \$10,50 \$10,00
Aud - Specialized Horizontal Drillout Services Simulation Toe Preparation Cementing Ogging & Wireline Services Casing / Tubing / Snubbing Services Mud Logging Simulation	0180-0125 0160-0130 0180-0134 0180-0134 0180-0137  0180-0145 0180-0148 0180-0150 0180-0156 0180-0156 0180-0156 0180-0156 0180-0156 0180-0165 0180-0188 0180-0180 0180-0190 0180-0191 0180-0190 0180-0192 0180-0199 0180-0199	\$160,000 \$34,000 \$40,000 \$15,000 \$54,100 \$50,000 \$12,000 \$150,000 \$30,000 \$30,000 \$30,000 \$108,900 \$4,500 \$10,000 \$10,000 \$113,800	0180-0222 0180-0223 0180-0225 0180-0234 0180-0241 0180-0242 0180-0245 0180-0245 0180-0246 0180-0246 0180-0250 0180-0250 0180-0250 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260	\$30,20 \$50,00 \$273,00 \$15,00 \$15,00 \$213,00 \$119,00 \$10,00 \$24,00 \$10,50 \$65,00 \$40,00 \$10,00 \$10,50 \$10,50 \$10,00
Simulation Toe Preparation  Cementing Cogging & Wireline Services Casing / Tubing / Snubbing Services  Mud Logging Stimulation  45 Stg 19.7 MM gal / 18.7 MM lb Stimulation Rentals & Other Water & Other  Water & Other  Inow PW © \$0.25/bbl  Bits Inspection & Repair Services  Misse. Air & Pumping Services  Testing & Flowback Services  Completion / Workover Rig Rig Mobilization  Transportation  Welding, Construction & Maint, Services  Contract Services & Supervision  Directional Services  Equipment Rental  Well / Lease Legal  Well / Lease Legal  Well / Lease Legal  Well / Lease Linsurance  Intended Supplies  Damages  Pipeline Interconnect, ROW Easements  Company Supervision  Overhead Fixed Rate  Contingencies  5% (TCP)  **TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (10.1" – 19.0")  Casing (6.1" – 10.0")  Casing (4.1" – 6.0")  B350" - 4 1/2" 13.5# HCP-110 CDC-HTO © 519.44/fl	0180-0130 0180-0134 0180-0137  0180-0145 0180-0148 0180-0150 0180-0156 0180-0156 0180-0165 0180-0166 0180-0166 0180-0166 0180-0175 0180-0180 0180-0190 0180-0190 0180-0190 0180-0199	\$34,000 \$40,000 \$15,000 \$15,000 \$64,100 \$50,000 \$12,000 \$30,000 \$4,000 \$300,000 \$108,900 \$5,000 \$10,000 \$10,000 \$110,000	0180-0223 0180-0225 0180-0230 0180-0230 0180-0234 0180-0242 0180-0242 0180-0245 0180-0245 0180-0245 0180-0254 0180-0254 0180-0256 0180-0265 0180-0265 0180-0265 0180-0265 0180-0265 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260 0180-0260	\$30,20 \$50,00 \$273,00 \$15,00 \$15,00 \$213,00 \$119,00 \$10,00 \$24,00 \$10,50 \$65,00 \$40,00 \$10,00 \$10,50 \$10,50 \$10,00
Cementing Ogging & Wireline Services Casing / Tubing / Shubbing Services Mud Logging Stimulation 45 Stg 18.7 MM gai / 18.7 MM lb Stimulation Rentals & Other Water & Other 100% PW @ \$0.25/bbl Bits Inspection & Repair Services Misc. Air & Pumping Services Testing & Flowback Services Completion / Workover Rig Rig Mobilization Transportation Wetding, Construction & Maint, Services Contract Services & Supervision Directional Services Equipment Rental Well / Lease Legal Well / Lease Legal Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30") Casing (10.1" – 19.0") 700" 13 3/8" 54.5# J.55 ST&C @ \$47.92/ft Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C @ \$38.51/ft Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" – 6.0") 8360" - 4 1/2" 13.5# HCP.110 CDC-HTO @ \$19.44/ft	0180-0130 0180-0134 0180-0137  0180-0145 0180-0148 0180-0150 0180-0156 0180-0156 0180-0165 0180-0166 0180-0166 0180-0166 0180-0175 0180-0180 0180-0190 0180-0190 0180-0190 0180-0199	\$34,000 \$40,000 \$15,000 \$15,000 \$64,100 \$50,000 \$12,000 \$30,000 \$4,000 \$300,000 \$108,900 \$5,000 \$10,000 \$10,000 \$110,000	0180-0230 0180-0234 0180-0234 0180-0241 0180-0242 0180-0248 0180-0248 0180-0250 0180-0250 0180-0260 0180-0260 0180-0260 0180-0260 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280	\$273,00 \$15,00 \$2,070,00 \$213,00 \$119,00 \$5,00 \$10,00 \$24,00 \$10,50 \$65,00 \$40,00 \$40,00 \$10,50 \$40,00 \$10,50 \$40,00 \$10,50 \$40,00 \$10,50 \$40,00 \$40,
Logging & Wireline Services Casing / Tubing / Snubbing Services Mud Logging Stimulation Stimulation Rentals & Other Water & Other Water & Other 100% PW @ \$0.25/bbl Bils Inspection & Repair Services Misc. Air & Pumping Services Completion / Workover Rig Rig Mobilization Transportation Welding, Construction & Maint. Services Confract Services & Supervision Directional Services & Supervision Directional Services & Supervision Directional Services Equipment Rental Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30") Casing (10.1" – 19.0") 700" 13 3/8" 54.5# J.55 ST&C @ \$47.92/ft Casing (6.1" – 10.0") 4200" 9 5/8" 40# HCL80 LT&C @ \$38.51/ft Casing (6.1" – 10.0") 4200" 9 5/8" 40# HCL80 LT&C @ \$34.5# J.55 ST&C Casing (6.1" – 8.0") 9600" 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" – 6.0") 8360" - 4 12" 13.5# HCP.110 CDC-HTO @ \$19.44/ft	0180-0134 0180-0137 0180-0145 0180-0148 0180-0150 0180-0154 0180-0156 0180-0165 0180-0165 0180-0165 0180-0168 0180-0170 0180-0175 0180-0180 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190	\$40,000 \$15,000 \$35,000 \$54,100 \$12,000 \$12,000 \$30,000 \$4,000 \$108,900 \$1,000 \$10,000 \$10,000 \$113,800	0180-0234  0180-0241  0180-0245  0180-0245  0180-0245  0180-0250  0180-0256  0180-0260	\$15,00 \$2,070,00 \$213,00 \$119,00 \$119,00 \$5,00 \$10,00 \$24,00 \$10,50 \$65,00 \$40,00 \$1,00 \$51,00 \$51,00 \$51,00 \$52,00 \$52,00 \$532,40
Casing / Tubing / Snubbing Services Mud Logging Stimulation 45 Stg 18.7 MM gal / 18.7 MM lb Stimulation Rentals & Other Water & Other 100% PW @ \$0.25/bbl Bits Inspection & Repair Services Misc, Air & Pumping Services Testing & Flowback Services Completion / Workover Rig Rig Mobilization Transportation Welding, Construction & Maint, Services Contract Services & Supervision Directional Services & Supervision Directional Services & Supervision Directional Services & Supervision Directional Services Equipment Rental Well / Lease Legal Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30") Casing (10.1" – 19.0") 700" 13.3/8" 54.5# J.55 ST&C @ \$47.92/ft Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C @ \$38.51/ft Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" – 6.0") 8350" - 4.12" 13.5# HCP.110 CDC-HTO @ \$19.44/ft	0180-0137  0180-0145  0180-0148  0180-0150  0180-0154  0180-0154  0180-0156  0180-0164  0180-0165  0180-0170  0180-0170  0180-0180  0180-0180  0180-0190  0180-0192  0180-0199  0180-0199	\$15,000 \$35,000 \$64,100 \$12,000 \$150,000 \$30,000 \$4,000 \$108,900 \$4,500 \$10,000 \$10,000 \$113,800	0180-0241 0180-0242 0180-0245 0180-0245 0180-0254 0180-0254 0180-0258 0180-0260 0180-0260 0180-0265 0180-0268 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280	\$2,070,00 \$213,00 \$119,00 \$10,00 \$10,00 \$10,50 \$65,00 \$16,50 \$40,00 \$10,00 \$10,00 \$32,40 \$10,00 \$10,00 \$32,40 \$20,0
Mud Logging Stimulation Stimulation Rentals & Other Water & Water	0180-0145 0180-0148 0180-0150 0180-0150 0180-0156 0180-0164 0180-0165 0180-0168 0180-0175 0180-0175 0180-0180 0180-0180 0180-0195 0180-0195 0180-0199 0180-0199 0180-0199	\$35,000 \$64,100 \$50,000 \$12,000 \$30,000 \$4,000 \$108,900 \$5,000 \$4,500 \$10,000 \$10,000 \$113,800	0180-0242 0180-0245 0180-0248 0180-0250 0180-0250 0180-0250 0180-0260 0180-0260 0180-0260 0180-0260 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0290 0180-0290 0180-0290 0180-0290 0180-0290	\$213,00 \$119,00 \$5,00 \$10,00 \$24,00 \$10,50 \$65,00 \$40,00 \$40,00 \$10,50 \$40,00 \$10,50 \$40,00 \$10,50 \$40,00 \$10,50 \$40,00 \$10,50 \$40,00 \$
Stimulation 45 Stg 18.7 MM gal / 18.7 MM lb Stimulation Rentals & Other Water & Other 100% PW @ \$0.25/bbl  Water & Pumping Services  Instruction & Repair Services  Completion / Workover Rig  Rig Mobilization Transportation Wetding, Construction & Maint. Services  Contract Services & Supervision Directional Services & Supervision Directional Services  Equipment Rental  Well / Lease Legal  Well / Lease Insurance Intangible Supplies  Damages Pipeline Interconnect, ROW Easements  Company Supervision Overhead Fixed Rate  Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (10.1" – 19.0") 700" 13 3/8" 54.5# J.55 ST&C @ \$47.92/ft  Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C @ \$38.51/ft  Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" – 6.0") 8360" - 4 1/2" 13.5# HCP.110 CDC-HTO @ \$19.44/ft	0180-0148 0180-0150 0180-0154 0180-0154 0180-0158 0180-0164 0180-0165 0180-0165 0180-0170 0180-0175 0180-0180 0180-0180 0180-0192 0180-0192 0180-0199 0180-0199	\$64,100 \$50,000 \$12,000 \$150,000 \$30,000 \$4,000 \$300,000 \$108,900 \$4,500 \$10,000 \$10,000 \$10,000 \$113,800	0180-0242 0180-0245 0180-0248 0180-0250 0180-0250 0180-0250 0180-0260 0180-0260 0180-0260 0180-0260 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0290 0180-0290 0180-0290 0180-0290 0180-0290	\$213,00 \$119,00 \$5,00 \$10,00 \$24,00 \$10,50 \$65,00 \$40,00 \$40,00 \$10,50 \$40,00 \$10,50 \$40,00 \$10,50 \$40,00 \$10,50 \$40,00 \$10,50 \$40,00 \$
Water & Other  100% PW	0180-0148 0180-0150 0180-0154 0180-0154 0180-0158 0180-0164 0180-0165 0180-0165 0180-0170 0180-0175 0180-0180 0180-0180 0180-0192 0180-0192 0180-0199 0180-0199	\$64,100 \$50,000 \$12,000 \$150,000 \$30,000 \$4,000 \$300,000 \$108,900 \$4,500 \$10,000 \$10,000 \$10,000 \$113,800	0180-0245 0180-0248 0180-0250 0180-0254 0180-0258 0180-0260 0180-0260 0180-0260 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280 0180-0280	\$119,00 \$5,00 \$10,00 \$24,00 \$10,50 \$65,00 \$16,50 \$40,00 \$1,00 \$10,00 \$55,00 \$32,44 \$220,0
Water & Orien  Bils  Inspection & Repair Services  Misc. Air & Pumping Services  Testing & Flowback Services  Completion / Workover Rig  Rig Mobilization  Transportation  Welding, Construction & Maint. Services  Contract Services & Supervision  Directional Services & Supervision  Directional Services & Includes Vertical Control  Equipment Rental  Well / Lease Insurance  Intangible Supplies  Damages  Pipeline Interconnect, ROW Easements  Company Supervision  Overhead Fixed Rate  Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (10.1" – 19.0") 700" 13 3/8" 54.5# J.55 ST&C \$34.59/2/ft  Casing (6.1" – 8.0") 9600" · 7" 29# HPP110 BT&C \$38.51/ft  Casing (6.1" – 8.0") 9600" · 7" 29# HPP110 BT&C \$34.41/ft  Casing (4.1" – 6.0") 8350" - 4 1/2" 13.5# HCP.110 CDC-HTO \$519.44/ft	0180-0148 0180-0150 0180-0154 0180-0154 0180-0158 0180-0164 0180-0165 0180-0165 0180-0170 0180-0175 0180-0180 0180-0180 0180-0192 0180-0192 0180-0199 0180-0199	\$64,100 \$50,000 \$12,000 \$150,000 \$30,000 \$4,000 \$300,000 \$108,900 \$4,500 \$10,000 \$10,000 \$10,000 \$113,800	0180-0248 0180-0250 0180-0254 0180-0258 0180-0260 0180-0260 0180-0265 0180-0265 0180-0265 0180-0270 0180-0280 0180-0280 0180-0280 0180-0290 0180-0290 0180-0290 0180-0295 0180-0295 0180-0295	\$5,000 \$10,000 \$24,000 \$10,50 \$65,00 \$16,50 \$60,00 \$40,00 \$1,00 \$10,00 \$5,00 \$32,4 \$22,0
Inspection & Repair Services Misc, Air & Pumping Services Testing & Flowback Services Completion / Workover Rig Rig Mobilization Transportation Welding, Construction & Maint, Services Contract Services & Supervision Directional Services & Supervision Directional Services & Includes Vertical Control Equipment Rental Well / Lease Legal Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30") Casing (10.1" – 19.0") 700" 13 3/8" 54.5# J.55 ST&C © \$47.92/ft Casing (6.1" – 10.0") 4200" - 9 5/8" 40# HCL80 LT&C © \$38.51/ft Casing (6.1" – 8.0") 9600" - 7" 29# HPP1110 BT&C @ \$34.18/ft Casing (6.1" – 8.0") 9800" - 7" 29# HPP1110 BT&C @ \$34.18/ft Casing (6.1" – 8.0") 9800" - 7" 29# HPP1110 BT&C @ \$34.18/ft	0180-0150 0180-0154 0180-0158 0180-0164 0180-0165 0180-0168 0180-0175 0180-0175 0180-0170 0180-0180 0180-0184 0180-0185 0180-0190 0180-0190 0180-0199 0180-0199 0180-0199	\$50,000 \$12,000 \$150,000 \$30,000 \$4,000 \$108,900 \$108,900 \$4,500 \$10,000 \$10,000 \$113,800	0180-0250 0180-0254 0180-0258 0180-0258 0180-0265 0180-0265 0180-0265 0180-0270 0180-0280 0180-0280 0180-0280 0180-0295 0180-0290 0180-0290 0180-0290 0180-0290	\$10,000 \$24,000 \$10,500 \$65,000 \$16,500 \$40,000 \$10,000 \$10,000 \$10,000 \$32,41 \$220,00
Inspection & Repair Services Testing & Flowback Services Completion / Workover Rig Rig Mobilization Transportation Welding, Construction & Maint. Services Contract Services & Supervision Directional Services & Supervision Directional Services   Includes Vertical Control Equipment Rental Well / Lease Legal Well / Lease Legal Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies   5% (TCP)   5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30")   700" 13.3/8" 54.5/ft J.55 ST&C @ \$47.92/ft Casing (10.1" – 19.0")   4200" - 9.5/6" 40# HCL80 LT&C @ \$38.51/ft Casing (6.1" – 8.0")   9600" - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" – 6.0")   8350" - 4.12" 13.5# HCP.110 CDCC-HTO @ \$19.44/ft	0180-0154 0180-0158 0180-0164 0180-0165 0180-0165 0180-0165 0180-0170 0180-0175 0180-0180 0180-0180 0180-0190 0180-0190 0180-0190 0180-0190 0180-0190	\$12,000 \$150,000 \$30,000 \$4,000 \$300,000 \$108,900 \$4,500 \$7,000 \$10,000 \$113,800	0180-0254 0180-0258 0180-0260 0180-0260 0180-0265 0180-0268 0180-0270 0180-0280 0180-0280 0180-0285 0180-0285 0180-0285 0180-0290 0180-0290 0180-0290 0180-0290	\$10,000 \$24,000 \$10,500 \$65,000 \$16,500 \$40,000 \$10,000 \$10,000 \$10,000 \$32,41 \$220,00
Transportation Transportation Transportation Transportation Wetding, Construction & Maint, Services Completion / Workover Rig Rig Mobilization Transportation Wetding, Construction & Maint, Services Contract Services & Supervision Directional Services Equipment Rental Well / Lease Legal Well / Lease Legal Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies  5% (TCP)  **TANGIBLE COSTS 0181** Casing (19.1" – 30")  Casing (19.1" – 30")  Casing (10.1" – 19.0")  Total  Tangible Costs 0181  Casing (10.1" – 10.0")  Casing (6.1" – 8.0")  \$600' - 7" 29# HPP110 BT8C @ \$34.5# J.55 ST4C Casing (6.1" – 8.0")  Casing (4.1" – 6.0")  8350' - 4 1/2" 13.5# HCP-110 CDC-HT0 @ \$19.44/fit	0180-0158  0180-0164 0180-0165 0180-0168 0180-0175 0180-0175 0180-0180 0180-0180 0180-0180 0180-0190 0180-0192 0180-0199 0180-0199	\$150,000 \$30,000 \$4,000 \$96,900 \$300,000 \$108,900 \$5,000 \$4,500 \$7,000 \$10,000 \$61,200 \$113,800	0180-0260 0 180-0265 0 180-0268 0 180-0270 0 0180-0280 0 0180-0284 0 0180-0285 0 0180-0285 0 0180-0290 0 180-0290 0 180-0295 0 0180-0295 0 0180-0295 0 0180-0296	\$10,50 \$65,00 \$16,55 \$60,00 \$40,00 \$1,00 \$10,0 \$5,00 \$32,4 \$20,0
Completion / Workover Rig  Rig Mobilization  Transportation  Welding, Construction & Maint, Services  Contract Services & Supervision  Directional Services   Includes Vertical Control  Equipment Rental  Well / Lease Legal  Well / Lease Insurance  Intangible Supplies  Damages  Pipeline Interconnect, ROW Easements  Company Supervision  Overhead Fixed Rate  Contingencies   5% (TCP)   5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (19.1" – 30")  Casing (1.1" – 10.0")   4200" - 9 5/8" 40# HCL80 LT&C @ \$34.5/# J.55  Casing (6.1" – 8.0")   9600" - 7" 29# HPP110 BT&C @ \$34.18/fi  Casing (4.1" – 6.0")   8350" - 4 1/2" 13.5# HCP-110 CDC-HTO @ \$19.44/fi	0180-0165 0180-0168 0180-0170 0180-0175 0180-0180 0180-0185 0180-0185 0180-0195 0180-0195 0180-0199 0180-0199 0180-0199	\$150,000 \$30,000 \$4,000 \$96,900 \$300,000 \$108,900 \$5,000 \$4,500 \$7,000 \$10,000 \$61,200 \$113,800	0180-0260 0 0180-0265 0 0180-0268 0 0180-0270 0 0180-0280 0 0180-0284 0 0180-0285 0 0180-0286 0 0180-0290 0 0180-0290 0 0180-0295 0 0180-0295 0 0180-0295 0 0180-0295	\$65,00 \$16,50 \$60,00 \$40,00 \$1,00 \$10,00 \$52,41 \$20,0
Rig Mobilization Transportation Welding, Construction & Maint. Services Contract Services & Supervision Directional Services Equipment Rental Well / Lease Legal Well / Lease Legal Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies  5% (TCP)  **TANGIBLE COSTS 0181  Casing (19.1" – 30") Casing (19.1" – 30")  Casing (19.1" – 30")  Casing (6.1" – 10.0")  Casing (6.1" – 10.0")  Casing (6.1" – 8.0")  Services  ##PP110 BT8C @ \$34.18/ft Casing (4.1" – 6.0")  B350" - 4 1/2" 13.5# HCP.110 CDC-HT0 @ \$19.44/ft	0180-0165 0180-0168 0180-0170 0180-0175 0180-0180 0180-0185 0180-0185 0180-0195 0180-0195 0180-0199 0180-0199 0180-0199	\$30,000 \$4,000 \$300,000 \$108,900 \$5,000 \$4,500 \$10,000 \$10,000 \$113,800	0 0180-0265 0 0180-0268 0 180-0270 0 0180-0280 0 0180-0284 0 0180-0285 0 0180-0286 0 0180-0290 0 180-0292 0 0180-0295 0 0180-0295 0 0180-0295 0 0180-0295 0 0180-0295	\$16,50 \$60,00 \$40,00 \$1,00 \$10,00 \$5,00 \$32,4 \$20,0
Transportation Welding, Construction & Maint, Services Contract Services & Supervision Directional Services Equipment Rental Well / Lease Legal Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies  5% (TCP)  **TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (10.1" – 19.0")  Casing (1.1" – 10.0")  Casing (8.1" – 10.0")  Casing (8.1" – 10.0")  Casing (6.1" – 8.0")  Sabot - 4 1/2" 13.5# HCP-110 CDC-HTO @ \$19.44/ff	0180-0168 0180-0170 0180-0175 0180-0180 0180-0184 0180-0185 0180-0188 0180-0192 0180-0195 0180-0199 0180-0199	\$4,000 \$96,900 \$300,000 \$108,900 \$5,000 \$4,500 \$7,000 \$10,000 \$61,200 \$113,800	0 0180-0268 0 0180-0270 0 0180-0280 0 0180-0284 0 0180-0285 0 0180-0285 0 0180-0290 0 0180-0290 0 0180-0290 0 0180-0290 0 0180-0295	\$16,50 \$60,00 \$40,00 \$1,00 \$10,00 \$5,00 \$32,4 \$20,0
Welding, Construction & Maint. Services Contract Services & Supervision Directional Services & Supervision Directional Services & Supervision Equipment Rental Well / Lease Legal Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30") Casing (10.1" – 19.0") 700" - 13.3/8" 54.5/# J-55 ST&C  \$47.92/ft Casing (10.1" – 10.0") 4200" - 9.6/8" 40# HCL80 LT&C  \$38.51/# Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C  \$34.18/ft Casing (4.1" – 6.0") 8350" - 4.12" 13.5# HCP-110 CDC-HTO  \$519.44/ft	0180-0170 0180-0175 0180-0180 0180-0180 0180-0185 0180-0185 0180-0190 0180-0192 0180-0195 0180-0199 0180-0199	\$96,900 \$300,000 \$108,900 \$5,000 \$7,000 \$10,000 \$61,200 \$113,800	0 0180-0270 0 0180-0280 0 0180-0280 0 0180-0285 0 0180-0286 0 0180-0290 0 0180-0290 0 0180-0290 0 0180-0290 0 0180-0295	\$60,00 \$40,00 \$1,00 \$10,00 \$5,00 \$32,4 \$20,0
Contract Services & Supervision  Directional Services	0180-0175 0180-0180 0180-0184 0180-0185 0180-0185 0180-0190 0180-0195 0180-0195 0180-0199 0180-0199	\$300,000 \$108,900 \$5,000 \$4,500 \$7,000 \$10,000 \$61,200 \$113,800	0 0180-0280 0 0180-0284 0 0180-0285 0 0180-0285 0 0180-0290 0 0180-0290 0 0180-0295 0 0180-0296 0 0180-0299	\$1,00 \$1,00 \$10,00 \$5,00 \$32,4 \$20,0
Directional Services   Includes Vertical Control	0180-0180 0180-0184 0180-0185 0180-0188 0180-0190 0180-0192 0180-0195 0180-0199 0180-0199	\$108,900 \$5,000 \$4,500 \$7,000 \$10,000 \$61,200 \$10,000 \$113,800	0 0180-0280 0 0180-0284 0 0180-0285 0 0180-0286 0 0180-0290 0180-0292 0 0180-0295 0 0180-0296 0 0180-0299	\$1,00 \$10,00 \$5,00 \$32,4 \$20,0
Well / Lease Legal Well / Lease Insurance Intangible Supplies Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (10.1" – 19.0")  Casing (10.1" – 19.0")  Casing (8.1" – 10.0")  4200' - 9 5/8" 40# HCL80 LT&C @ \$47.92/ft Casing (6.1" – 8.0")  9600' - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" – 6.0")  8350' - 4 1/2" 13.5# HCP-110 CDC-HTO @ \$19.44/ft	0180-0184 0180-0185 0180-0198 0180-0190 0180-0192 0180-0195 0180-0199 0180-0199	\$5,000 \$4,500 \$7,000 \$10,000 \$61,200 \$10,000 \$113,800	0 0180-0284 0 0180-0285 0 0180-0288 0 0180-0290 0 0180-0292 0 0180-0295 0 0180-0299	\$1,00 \$10,00 \$5,00 \$32,4 \$20,0
Well / Lease Insurance Intangible Supplies  Damages  Dipleine Interconnect, ROW Easements  Company Supervision Overhead Fixed Rate  Contingencies  TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (19.1" – 30")  Casing (10.1" – 19.0")  700" - 13 3/8" 54.5# J.55 ST&C @ \$47.92/ft  Casing (8.1" – 10.0")  Casing (6.1" – 8.0")  9600" - 7" - 29# HPP110 BT&C @ \$38.51/ft  Casing (4.1" – 6.0")  8350" - 4 1/2" 13.5# HCP.110 CDC-HTO @ \$19.44/ft	0180-0185 0180-0188 0180-0190 0180-0192 0180-0195 0180-0196 0180-0199	\$4,500 \$7,000 \$10,000 \$61,200 \$10,000 \$113,800	0 0180-0285 0 0180-0288 0 0180-0290 0 0180-0292 0 0180-0295 0 0180-0296 0 0180-0299	\$10,0 \$5,0 \$32,4 \$20,0
Intangible Supplies  Damages  Pipeline Interconnect, ROW Easements  Company Supervision  Overhead Fixed Rate  Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (10.1" – 19.0") 700" - 13.3/8" 54.5# J55 ST&C @ \$47.92/ft  Casing (8.1" – 10.0") 4200" - 9.5/8" 40# HCL80 LT&C @ \$38.51/ft  Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" – 6.0") 8350" - 4 1/2" 13.5# HCP.110 CDC-HTO @ \$19.44/ft	0180-0188 0180-0190 0180-0192 0180-0195 0180-0196 0180-0199	\$7,000 \$10,000 \$61,200 \$10,000 \$113,800	0 0180-0268 0 0180-0290 0180-0292 0 0180-0295 0 0180-0296 0 0180-0299	\$10,0 \$5,0 \$32,4 \$20,0
Damages Pipeline Interconnect, ROW Easements Company Supervision Overhead Fixed Rate Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30") 700" – 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft Casing (8.1" – 10.0") 4200" 9 5/8" 40# HCL80 LT&C @ \$38.51/ft Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C @ \$34.18/ft Casing (4.1" – 6.0") 8350" - 4 1/2" 13.5# HCP-110 CDC-HTO @ \$19.44/ft	0180-0190 0180-0192 0180-0195 0180-0196 0180-0199	\$61,200 \$61,200 \$10,000 \$113,800	0 0180-0290 0180-0292 0 0180-0295 0 0180-0296 0 0180-0299	\$10,0 \$5,0 \$32,4 \$20,0
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Overhead Fixed Rate  Contingencies 5% (TCP) 5% (CC)  TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (10.1" – 19.0") 700" - 13.3/8" 54.5# J55 ST&C @ \$47.92/ft  Casing (8.1" – 10.0") 4200" - 9.5/8" 40# HCL80 LT&C @ \$38.51/ft  Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" – 6.0") 8350" - 4 1/2" 13.5# HCP-110 CDC-HTO @ \$19.44/ft	0180-0199	\$113,800	0 0180-0299	
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TOTAL  TANGIBLE COSTS 0181  Casing (19.1" – 30")  Casing (10.1" – 19.0")  700" - 13 3/8" 54.5# J.55 ST&C @ \$47.92/ft  Casing (8.1" – 10.0")  4200" - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft  Casing (6.1" – 8.0")  9600" - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" – 6.0")  8350" - 4 1/2" 13.5# HCP_110 CDC-HTO @ \$19.44/ft		\$2,389,20	0	Q.100,E
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Casing (19.1" – 30")  Casing (10.1" – 19.0")  700" - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft  Casing (8.1" – 10.0")  4200" - 8 5/8" 40# HCL80 LT&C @ \$38.51/ft  Casing (6.1" – 8.0")  9600" - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" – 6.0")  8350" - 4 1/2" 13.5# HCP-110 CDC-HTO @ \$19.44/ft				
Casing (10.1" – 19.0") 700" - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft  Casing (8.1" – 10.0") 4200" - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft  Casing (6.1" – 8.0") 9600" - 7" 29# HPP110 BT&C @ \$34.18/ft  Casing (4.1" – 6.0") 8350" - 4 1/2" 13.5# HCP-110 CD+HTQ @ \$19.44/ft	0181-0794			
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Cashing 17: 5:57	0181-0796	\$350,40	0181-0797	\$173,4
Tubing 8850' - 3 1/2" 9 2# L-80 IPC Tbg (D \$13.75/ft	-		0181-0798	\$130.0
	0181-0860	\$50,00		4.10.015
Drilling Head	0161-0000	950,00	0181-0870	\$30,0
Tubing Head & Upper Section			0181-0871	\$75,0
Horizontal Completion Tools Completion Liner Hanger			0181-0880	\$25.0
Subsurface Equip. & Artificial Lift Service Pumps (1/13) (2) TP/(2) CP/CIRC PUMP			0181-0886	\$8,0
Service Pumps			0181-0890	\$35,0
Emissions Control Equipment (1/13) (6)VRT/(2)VRU/(1)FLARE/(3)KO/(1)AIR			0181-0892	\$28,0
Separation / Treating Equipment (1/13) (1)BULK H SEP/(5)TEST H SEP 500#/(1)V SEP 500#/			0181-0895	\$82,0
Automation Metering Equipment			0181-0898	\$51,0
Oil/Gas Pipeline-Pipe/Valves&Misc			0181-0900	\$11,0
Water Pipeline-Pipe/Valves & Misc			0181-0901	\$150,6
On-sile Valves/Fittings/Lines&Misc	-		0181-0907	\$80,0
Wellhead Flowlines - Construction			0181-0908	
Cathodic Protection	-		0181-0909	\$68,
Electrical Installation			0181-0910	\$90.
Equipment Installation			0181-0920	\$9,
Oil/Gas Pipeline - Construction Water Pipeline - Construction			0181-0921	
Water Pipeline - Construction TOTAL		\$608,9	100	\$1,045
The state of the s		\$2,998,1		\$4,891
SUBTOTAL				\$4,051
TOTAL WELL COST		\$7	7,890,000	
Insurance procured for the Joint Account by Operator  Opt-out  If neither box is checked above, non-operating working interest owner elects to be covered by Op- Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate, Operator	under uctendo	ent purports		and operated 4
Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate, Operator conditions.	10901VED INT INT	and and and the	(11/20032012000)	12
Prepared by Ryan McDaniel Det	e 5/14/202	4		
m witter	e 5/16/202	4		
Company Approvar		PARTA DE L	AUTOLE	PER 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Joint Owner Interest: Amount: Signature:				

File: FULLER 13-12 FED COM #574H (H3FC) AFE

**Summary of Communications** 

**Fuller 13/12 Fed Com #571H** 

Fuller 13/12 Fed Com #522H

Fuller 13/12 Fed Com #563H

**Fuller 13/12 Fed Com #523H** 

Fuller 13/12 Fed Com #574H

### W/2 of Section 12 and NW/4 of Section 13-T26S-R28E

### **Eddy County, NM**

#### Carbon Techs Energy, Inc.:

**2017-2024:** Mailed multiple proposals to the above listed party.

07/05/2024: Mailed Working Interest Unit and Well Proposal to the above listed party for above captioned wells.

#### NU-Energy Oil & Gas, Inc.:

2017-2024: Mailed multiple proposals to the above listed party.

07/05/2024: Mailed Working Interest Unit and Well Proposal to the above listed party for above captioned wells.

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD SPACING UNIT EDDY COUNTY, NEW MEXICO

Case No. 24795

### SELF-AFFIRMED STATEMENT OF TYLER HILL

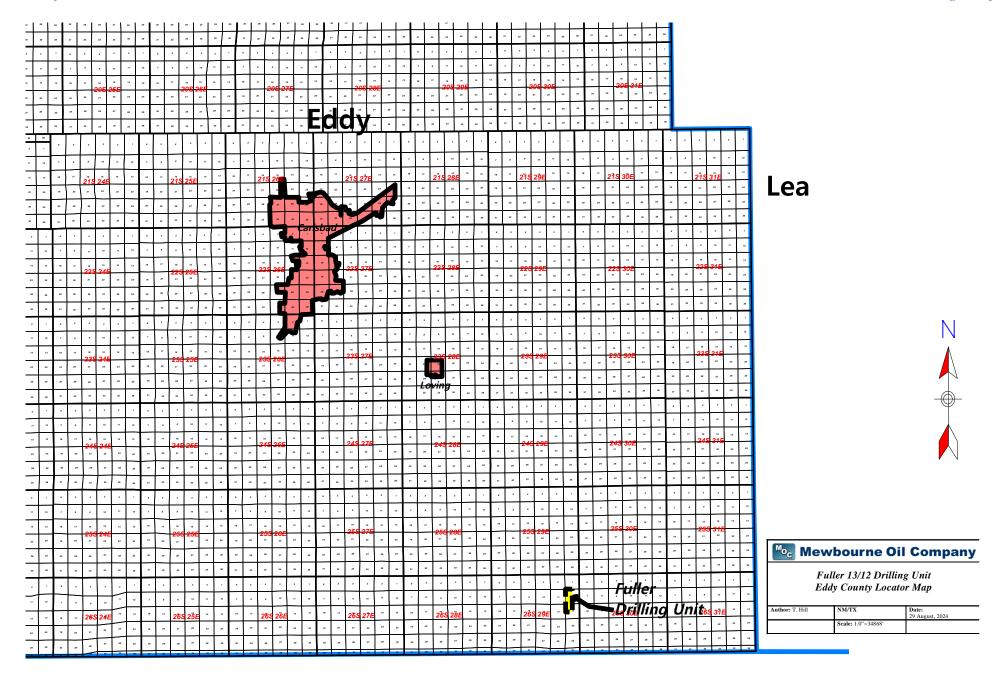
- 1. I am employed by Mewbourne Oil Company ("Mewbourne") as a geologist. I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division"), and my credentials as an expert in petroleum geology matters were accepted and made a matter of record.
  - 2. I am familiar with the geological matters that pertain to the above-referenced case.
- 3. **Exhibit B-1** is a general location map that depicts the Fuller 13/12 Fed Com spacing unit.
- 4. **Exhibit B-2** is a subsea structure map for the Bone Spring formation that is representative of the targeted intervals. The contour intervals are 50 feet. The approximate wellbore paths for the Fuller 13/12 Fed Com #571H, #522H, #523H, #584H, and #563H wells ("Wells") are depicted by dashed lines. Existing producing wells in the targeted interval are represented by solid green lines. The map demonstrates the formation is gently dipping to the east in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

Mewbourne Oil Company Case No. 24795 Exhibit B

- 5. Exhibit B-2 also identifies three wells penetrating the targeted intervals that I used to prepare a structural cross-section from A to A'. I used these well logs because they penetrate the targeted intervals, are of good quality, and are representative of the geology in the area.
- 6. **Exhibit B-3** is a stratigraphic cross-section that I prepared using the logs from the representative wells shown on Exhibit B-2. Each well log on the cross-section contains gamma ray, resistivity and porosity. The proposed landing zones for the wells are labeled on the exhibit. This cross-section demonstrates that the target interval is continuous across the Units.
- 7. In my opinion, a standup orientation for the proposed wells is appropriate to properly develop the subject acreage because of an established directional pattern and the known fracture orientation in this portion of the trend.
- 8. Based on my geologic study of the area, the targeted interval underlying the Units is suitable for development by horizontal wells and the tracts comprising the Units will contribute more or less equally to the production of the Wells.
- 9. In my opinion, the granting of Mewbourne's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.
- 10. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.
- 11. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below.

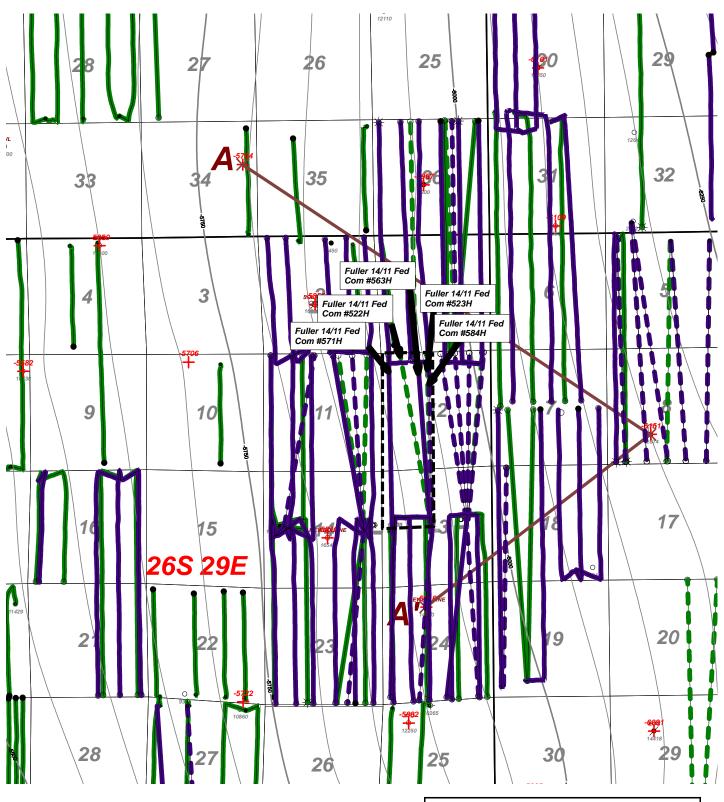
Tyle Hill

8/30/24 Date



**Texas** 

Mewbourne Oil Company Case No. 24795 Exhibit B-1



Horizontal Activity
2nd BS Sd

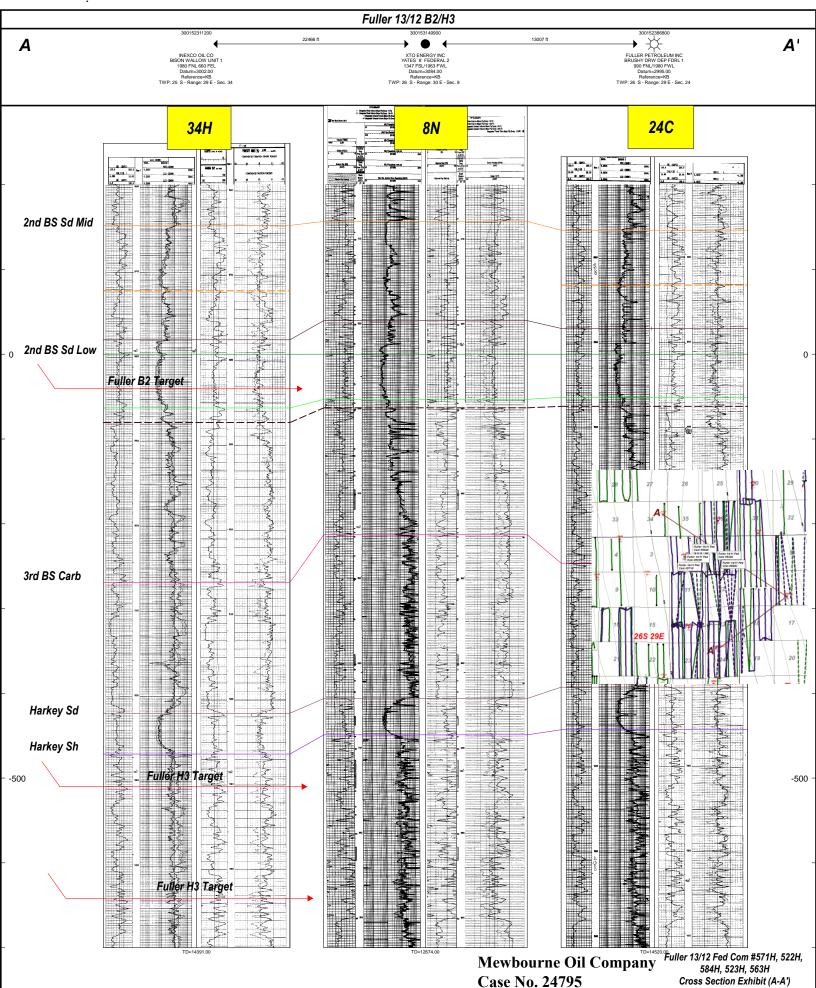


## Mewbourne Oil Company

Fuller 13/12 Fed Com #571H, 522H, 584H, 523H, 563H Structure top 2<sup>nd</sup> BS Sd (C.I. 50')

Author: T. Hill	County: Eddy	Date:
		30 August, 2024
	Scale: 1.0"=2800"	

Mewbourne Oil Company Case No. 24795 Exhibit B-2



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

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD SPACING UNIT, EDDY COUNTY, NEW MEXICO

**CASE NO. 24795** 

### SELF-AFFIRMED STATEMENT OF DANA S. HARDY

- 1. I am attorney in fact and authorized representative of Mewbourne Oil Company, the Applicant herein.
- 2. I am familiar with the Notice Letter attached as **Exhibit C-1** and caused the Notice Letter, along with the Application in this case, to be sent to the parties set out in the chart attached as **Exhibit C-2**.
- 3. Exhibit C-2 also provides the date each Notice Letter was sent and the date each return was received.
- 4. Copies of the certified mail green cards and white slips are attached as **Exhibit C-3** as supporting documentation for proof of mailing and the information provided on Exhibit C-2.
- 5. On August 27, 2024, I caused a notice to be published to all interested parties in the Carlsbad Current-Argus. An Affidavit of Publication from the Legal Clerk of the Carlsbad Current-Argus along with a copy of the notice publication, is attached as **Exhibit C-4**.
- 6. I understand this Self-Affirmed Statement will be used as written testimony in the subject cases. I affirm that my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

/s/ Dana S. Hardy
Dana S. Hardy

<u>September 20, 2024</u>

Date

Mewbourne Oil Company Case No. 24795 Exhibit C



### HINKLE SHANOR LLP

ATTORNEYS AT LAW
P.O. BOX 2068
SANTA FE, NEW MEXICO 87504
505-982-4554 (FAX) 505-982-8623

WRITER: Dana S. Hardy, Partner dhardy@hinklelawfirm.com

August 20, 2024

# VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

### TO ALL PARTIES ENTITLED TO NOTICE

Re: Case No. 24795 – Application of Mewbourne Oil Company for Compulsory Pooling and Approval of Non-Standard Spacing Unit, Eddy County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed application was filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **September 12, 2024**, beginning at 8:15 a.m.

The hearing will be conducted in a hybrid fashion, both virtually and in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505. To participate virtually, see the instructions posted on the OCD Hearings website: <a href="https://www.emnrd.nm.gov/ocd/hearing-info/">https://www.emnrd.nm.gov/ocd/hearing-info/</a>. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. Mountain Time, on the Thursday preceding the scheduled hearing date. The statement must be submitted through the OCD E-Permitting system (<a href="https://www.apps.emnrd.nm.gov/ocd/ocdpermitting/">https://www.apps.emnrd.nm.gov/ocd/ocdpermitting/</a>) or via e-mail to ocd.hearings@emnrd.nm.gov and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this application, please contact Mitch Robb, Landman at Mewbourne Oil Company, by phone at (432) 682-3715 or via e-mail at mrobb@mewbourne.com if you have any questions regarding this matter.

Sincerely, Mewbourne Oil Company /s/ Dana S. Hardy Case No. 24795

/s/ Dana S. Hard Case No. 24795
Dana S. Hard Exhibit C-1

Enclosure

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD SPACING UNIT, EDDY COUNTY, NEW MEXICO.

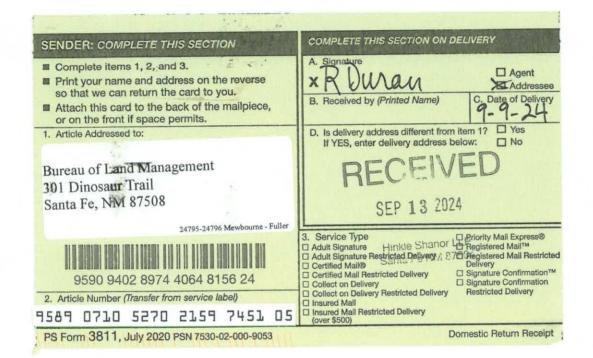
**CASE NO. 24795** 

### **NOTICE LETTER CHART**

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Bureau of Land Management	09/06/24	09/13/2024
301 Dinosaur Trail	9589071052702159745105	
Santa Fe, NM 87508		
Carbon Techs Energy, Inc.	08/21/24	Per USPS Tracking on
Attn: Land Manager	9589071052702159749844	09/19/24:
PO Box 4548		Item will be Returned to
Greensboro, NC 27404		Sender as of 09/11/14.
Exco Resources, Inc.	08/21/24	08/29/24
Attn: Joshua Raley	9589071052700697657645	
12377 Merit Dr., Suite 1700		
Dallas, TX 75251-2256		
John F. Green	08/21/24	09/17/2024
43 Haight Ave.	9589071052700697657621	Returned to Sender.
Poughkeepsie, NY 12603		
New Mexico State Land Office	09/06/24	09/11/2024
PO Box 1148	9589071052700752458507	
Santa Fe, NM 87504		
Nu-Energy Oil & Gas, Inc.	08/21/24	Per USPS Tracking on
302-1550 W 8th Ave.	9589071052700752459641	09/19/24: Item in transit to
Vancouver, BC V654R8		next facility.
Rapada 1981- A Limited Partnership	08/21/24	09/17/2024
Attn: Land Manager	9589071052700697657638	Returned to Sender.
12807 N. Cypress Lane		
Tomball, TX 77377		
RKC, Inc. and Vivian M. Kral	08/21/24	08/26/24
Attn: Anthony Kochevor	9589071052700697657614	
7500 Arapahoe Road, Suite 380		
Centennial, CO 80112		

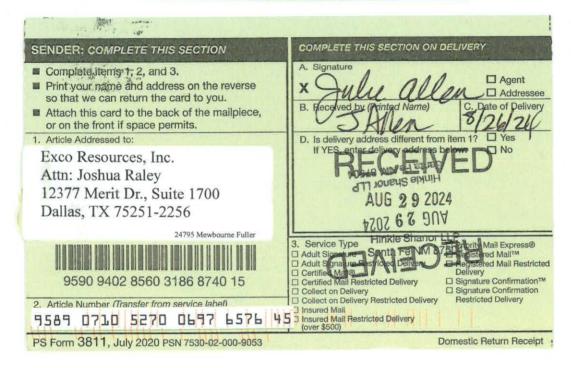
Mewbourne Oil Company Case No. 24795 Exhibit C-2



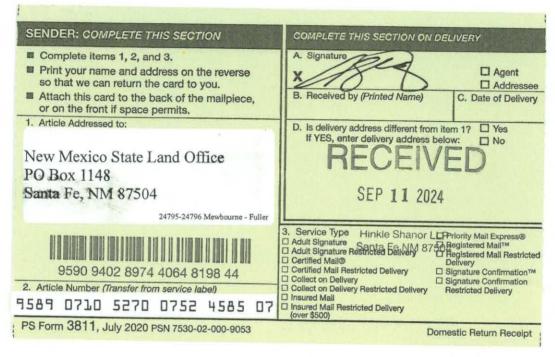


Mewbourne Oil Company Case No. 24795 Exhibit C-3

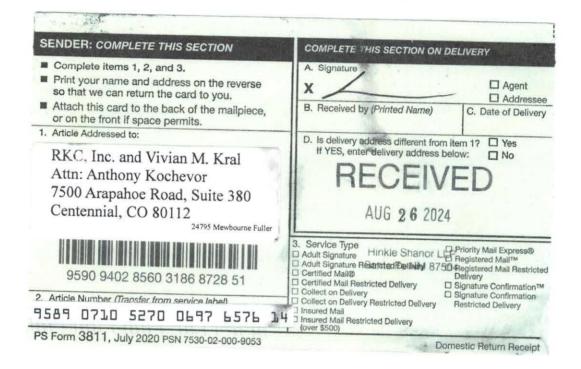
Received by OCD: 10/11/2024	:26:519Mostal Service™	
1	CERTIFIED MAIL® REC	EIPT
	n Domestic man omy	
	For delivery information, visit our website	at www.usps.com*.
	OFFICIAL	USE
	Gertified Mail Fee	1210
	Extra Services & Fees (check box, add fee as appropriate)  Return Receipt (hardcopy) \$	SHSTATION
	Return Receipt (electronic) \$	Postroork
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		SANTA
r c	3 \$	
	Sent To	
	Street Attn: Joshua Raley	
	12377 Merit Dr., Suite 1700	
	City, Sta Dallas, TX 75251-2256 24795 Mewbourne Fuller	***************************************
	PS Form 3800, January 2023 PSN 7530-02-000-9047	See Reverse for Instructions







급	CERTIFIED MAIL® REC	EIPT
6576	For delivery information, visit our website	e at www.usps.com .
5270 0697	Certified Mail Fee  \$ Extra Services & Fees (check box, add fee as appropriate)    Return Receipt (hardcopy) \$   Return Receipt (electronic) \$   Certified Mail Restricted Delivery \$   Adult Signature Required \$   Adult Signature Restricted Delivery \$   Postage	Postmark (Here
0770	\$ Total Postage and Fees \$ Sent To	- 8 m <sup>3</sup>
9589	Street and Apt. No  Street and Apt. No  Attn: Anthony Kochevor  7500 Arapahoe Road, Suite 380 Centennial. CO 80112	sbourne Fuller
	PS Form 3800, January 2023 PSN 7530-02-000-9047	See Reverse for Instructions



Received by OCD: 10/11/2024 1:26:51 PM

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FRIENDLY 3116 NORTHLINE AVE GREENSBORO NC 27408-9800 August 27, 2024, 9:26 am

### **Arrived at Post Office**

GREENSBORO, NC 27408 August 27, 2024, 9:25 am

### **Departed USPS Regional Facility**

GREENSBORO NC DISTRIBUTION CENTER August 25, 2024, 7:58 pm

### **Arrived at USPS Regional Facility**

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CARLSBAD CURRENT-ARGUS **PO BOX 507 HUTCHINSON, KS 67504-0507** 

STATE OF NEW MEXICO SS COUNTY OF EDDY

Account Number: 143 Ad Number:

10730

Description:

Case #24795

Ad Cost:

\$98.37

Nicole Bitton, being first duly sworn, says:

That she is the Agent of the the Carlsbad Current-Argus, a Weekly newspaper of general circulation, printed and published in Carlsbad, Eddy County, New Mexico; that the publication, a copy of which is attached hereto, was published in said newspaper on the following dates:

August 27, 2024

That said newspaper was regularly issued and circulated on those dates. SIGNED:

Subscribed to and sworn to me this 27th day of August 2024.

KELLI METZGER NOTARY PUBLIC, STATE OF OHIO MY COMMISSION EXPIRES OCTOBER 19, 2024

My commission expires:

PUBLIC NOTICE

This is to notify all interested parties, including Carbon Techs Energy, Inc.; Nu-Energy Oil & Gas, Inc.; Exco Resources, Inc.; Rapada 1981 A Limited Partnership; John F. Green; RKC, Inc. and Vivian M. Kral; and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by Mewbourne Oil Company (Case No. 24795). The hearing will be conducted on September 12, 2024, in a hybrid fashion, both virtually and in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe. NM 97505 Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505. To participate virtually, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/. Mewbourne Oil Company, (Applicant), applies for an order pooling all uncommitted interests in the Bone Spring formation underlying a underlying a 480-acre, more or less, non-standard horizonal spacing unit comprised of the W/2 of Section 12 and the NW/4 of Section 13, Township 26 South, Range 29 East, Eddy County, New Mexico (Unit). The Unit will be dedicated to the following wells (Wells): Fuller 13/12 Fed Com #571H and Fuller following wells (Wells): Fuller 13/12 Fed Com #571H and Fuller following wells (Wells): Fuller 13/12 Fed Com #5/1Fi and Fuller 13/12 Fed Com #522H wells, to be drilled from surface hole locations in the NE/4 SW/4 (Unit K) of Section 13, to bottom hole locations in the NW/4 NW/4 (Unit D) of Section 12; and Fuller 13/12 Fed Com #523H, Fuller 13/12 Fed Com #574H, and Fuller 13/12 Fed Com #563H wells, to be drilled from surface hole locations in the NE/4 SW/4 (Unit K) of Section 13, to bettom hole locations in the NE/4 NW/4 (Unit C) of Section 13, to bettom hole locations in the NE/4 NW/4 (Unit C) of Section 13, to bettom hole locations in the NE/4 NW/4 (Unit C) of Section 13, to bettom hole locations in the NE/4 NW/4 (Unit C) of Section 13, to be the new temptor that the new temptor tempto to bottom hole locations in the NE/4 NW/4 (Unit C) of Section 12. Applicant requests approval of a non-standard horizontal spacing unit. Also to be considered will be the cost of drilling and completing the Wells and the allocation of the costs, the designation of Applicant as the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 14.5 miles southeast of Malaga, New Mexico.

10730-Published in the Carlsbad Current-Argus on Aug 27, 2024.

TAMARA CHAVEZ HINKLE SHANOR LLP P.O. BOX 10 ROSWELL, NM 88202-0010

> Mewbourne Oil Company Case No. 24795 Exhibit C-4

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