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

APPLICATION OF MEWBOURNE OIL COMPANY TO AMEND ORDER NO. R-23511, EDDY COUNTY, NEW MEXICO.

CASE NO. 25215 ORDER NO. R-23511

EXHIBIT INDEX

Compulsory Pooling Checklist

Exhibit A	Self-Affirmed Statement of Braxton Blandford
A-1	Application & Proposed Notice of Hearing
A-2	Order No. R-23511
A-3	C-102s
A-4	Plat of Tracts, Tract Ownership, Applicable Lease Numbers, Unit Recapitulation, Pooled Parties
A-5	Sample Well Proposal Letter & AFE
A-6	Chronology of Contact
Exhibit B	Self-Affirmed Statement of Charles Crosby
B-1	Location Map
B-2	Cross-Section Location Map
B-3	Subsea Structure Map, Structural Cross Section
B-4	Stratigraphic Cross-Section
Exhibit C	Self-Affirmed Statement of Dana S. Hardy
C-1	Notice Letter to All Interested Parties Sent February 19, 2025
C-2	Postal Delivery Report
C-3	Affidavit of Publication for February 27, 2025

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 25215	APPLICANT'S RESPONSE
Date: March 13, 2025	
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company (OGRID No. 14744)
Applicant's Counsel:	Hardy McLean LLC
Case Title:	Application of Mewbourne Oil Company to Amend Order No. R-23511, Eddy County,
	New Mexico.
Entries of Appearance/Intervenors:	None.
Well Family	Shark Week
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Avalon; Bone Spring (96381)
Well Location Setback Rules:	Statewide
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	1,920 acres
Building Blocks:	quarter-quarter
Orientation:	East to West
Description: TRS/County	Sections 10, 11, and 12, Township 20 South, Range 27 East, Eddy County, New Mexico.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	No. Approval of a non-standard spacing unit is not requested with this application.
and is approval of non-standard unit requested in this	
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-4
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	Shark Week 12/10 Fed Com 626H (30-015-55921)
	SHL: 1905' FSL & 1105' FWL (Lot 3), Section 7, T20S-R26E
	BHL: 1850' FSL & 100' FWL (Unit L), Section 10, T20S-R27E
	Completion Target: Bone Spring (Approx. 8,409' TVD)
Well #2	Shark Week 12/10 Fed Com 628H (30-015-55921)
	SHL: 1885' FSL & 1105' FWL (Lot 3), Section 7, T20S-R26E
	BHL: 440' FSL & 100' FWL (Unit M), Section 10, T20S-R27E
	Completion Target: First Bone Spring (Approx. 8,409' TVD)
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit A-5
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-4
Tract List (including lease numbers and owners)	Exhibit A-4
If approval of Non-Standard Spacing Unit is requested, Tract	
List (including lease numbers and owners) of Tracts subject to	
notice requirements.	N/A
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Pooled Parties (including ownership type)	Exhibit A-4
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-4
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-2
Depth Severance Discussion	Exhibit A
Forms, Figures and Tables	
C-102	Exhibit A-3
Tracts	Exhibit A-4
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-4
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibit B-2
Structure Contour Map - Subsea Depth	Exhibits 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 provi	ded in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy
Date:	3/5/2025

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

APPLICATION OF MEWBOURNE OIL COMPANY TO AMEND ORDER NO. R-23511, EDDY COUNTY, NEW MEXICO.

Case No. 25215 Order No. R-23511

SELF-AFFIRMED STATEMENT OF BRAXTON BLANDFORD

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 amending Order No. R-23511 ("Order") with respect to the wells that will be drilled under the Order.

5. On October 23, 2024, the Division entered the Order in Case No. 24551, which pooled all uncommitted interests in the Bone Spring formation underlying a 1,920-acre, more or less, non-standard horizontal spacing unit comprised of all of Section 10, 11 and 12, Township 20 South, Range 27 East, Eddy County, New Mexico ("Unit"). A copy of Order No. R-23511 is attached as **Exhibit A-2**.

Mewbourne Oil Company Case No. 25215 Exhibit A 6. The Order further dedicated the Unit to the Shark Week 12/10 Fed Com 622H and Shark Week 12/10 Fed Com 624H initial wells, and designated Mewbourne Oil Company ("Mewbourne") as operator of the Unit and the wells.

7. The Shark Week 12/10 Fed Com 622H well was to be drilled from a surface location in the SE/4 SE/4 (Unit P) of Section 1 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 10, and the Shark Week 12/10 Fed Com 624H well was to be drilled from a surface hole location in the SE/4 SE/4 (Unit P) of Section 1 to a bottom hole location in the SW/4 NW/4 (Unit E) of Section 10.

8. Since the Order was entered, Mewbourne's development plans have changed, and it now seeks to drill the following initial wells ("Wells") within the non-standard spacing unit:

- Shark Week 12/10 Fed Com #626H, which will be drilled from a surface hole location in the NW/4 SW/4 (Unit L) of Section 7 to a bottom hole location in the NW/4 SW/4 (Unit L) of Section 10; and
- Shark Week 12/10 Fed Com #628H, which will be drilled from a surface hole location in the NW/4 SW/4 (Unit L) of Section 7 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 10.
- 9. Mewbourne requests that the remaining terms of the Order remain in effect.
- 10. The completed intervals of the Wells will be orthodox.
- 11. Exhibit A-3 contains the new C-102s for the Wells.

12. **Exhibit A-4** contains a plat that identifies ownership by tract in the Unit. This also includes any applicable lease numbers, a unit recapitulation, and the interests Mewbourne continues to seek to pool under the terms of the Order highlighted in yellow.

Exhibit A-5 contains a sample well proposal letter and AFEs sent to the working 13. 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.

14. 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. Mewbourne believes it located valid addresses for the parties it seeks to pool.

In my opinion, Mewbourne made a good-faith effort to reach voluntary joinder of 15. uncommitted interests in the Wells as indicated by the chronology of contact described in Exhibit **A-6**.

16. The attached exhibits were either prepared by me or under my supervision or were 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.

Braxton Blandford

<u>3/3/2025</u> Date

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

APPLICATION OF MEWBOURNE OIL COMPANY TO AMEND ORDER NO. R-23511, EDDY COUNTY, NEW MEXICO

CASE NO. 25215 ORDER NO. R-23511

APPLICATION

Pursuant to NMSA § 70-2-17, Mewbourne Oil Company, (OGRID No. 14744) ("Applicant") requests that the New Mexico Oil Conservation Division ("Division") issue an order amending Order No. R-23511 ("Order") with respect to the initial wells that will be drilled under the Order. Applicant states the following in support of its application.

1. On October 23, 2024, the Division entered Order No. R-23511 ("Order") in Case No. 24511, which pooled all uncommitted interests in the Bone Spring formation underlying a 1,920-acre, more or less, non-standard horizonal spacing unit comprised of all of Sections 10, 11, and 12, Township 20 South, Range 27 East, Eddy County, New Mexico ("Unit").

2. The Order further dedicated the Unit to the Shark Week 12/10 Fed Com 622H and Shark Week 12/10 Fed Com 624H initial wells, and designated Mewbourne Oil Company ("Mewbourne") (OGRID No. 14744) as operator of the Unit and the wells.

3. The Shark Week 12/10 Fed Com 622H well was to be drilled from a surface hole location in the SE/4 SE/4 (Unit P) of Section 1 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 10, and the Shark Week 12/10 Fed Com 624H well was to be drilled from a surface hole location in the SE/4 SE/4 (Unit P) of Section 1 to a bottom hole location in the SW/4 NW/4 (Unit E) of Section 10.

4. Since the Order was entered, Mewbourne's development plans have changed, and it now seeks to drill the following initial wells ("Wells") within the non-standard spacing unit:

Mewbourne Oil Company Case No. 25215 Exhibit A-1

- a. Shark Week 12/10 Fed Com #626H, which will be drilled from a surface hole location in the NW/4 SW/4 (Unit L) of Section 7 to a bottom hole location in the NW/4 SW/4 (Unit L) of Section 10; and
- b. Shark Week 12/10 Fed Com #628H, which will be drilled from a surface hole location in the NW/4 SW/4 (Unit L) of Section 7 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 10.
- 2. The completed intervals of the Wells will be orthodox.
- 3. Mewbourne requests that the remaining terms of the Order remain in effect.
- 4. The proposed amendment will prevent waste and protect correlative rights.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on March 13, 2025, and amend Order No. R-23511 with respect to the initial wells that will be drilled under the Order.

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 dhardy@hinklelawfirm.com jmclean@hinklelawfirm.com *Counsel for Mewbourne Oil Company* Application of Mewbourne Oil Company to Amend Order No. R-23511, Eddy County, New Mexico. Applicant requests that the New Mexico Oil Conservation Division issue an order amending Order No. R-23511 ("Order") with respect to the initial wells that will be drilled under the Order. The Order: pooled all uncommitted interests in the Bone Spring formation underlying a 1,920-acre, more or less, non-standard horizonal spacing unit comprised of all of Sections 10, 11, and 12, Township 20 South, Range 27 East, Eddy County, New Mexico ("Unit"); dedicated the Unit to the Shark Week 12/10 Fed Com 622H and Shark Week 12/10 Fed Com 624H initial wells; and designated Applicant as operator of the Unit and the wells. The Shark Week 12/10 Fed Com 622H well was to be drilled from a surface hole location in the SE/4 SE/4 (Unit P) of Section 1 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 10, and the Shark Week 12/10 Fed Com 624H well was to be drilled from a surface hole location in the SE/4 SE/4 (Unit P) of Section 1 to a bottom hole location in the SW/4 NW/4 (Unit E) of Section 10. Applicant now seeks to drill the following initial wells within the non-standard spacing unit: Shark Week 12/10 Fed Com #626H, which will be drilled from a surface hole location in the NW/4 SW/4 (Unit L) of Section 7 to a bottom hole location in the NW/4 SW/4 (Unit L) of Section 10; and Shark Week 12/10 Fed Com #628H, which will be drilled from a surface hole location in the NW/4 SW/4 (Unit L) of Section 7 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 10. The completed intervals of the Wells will be orthodox. Mewbourne requests that the other terms of the Order remain in effect. The Wells are located approximately 8 miles southeast of Lakewood, New Mexico.

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

IN THE MATTER OF APPLICATION FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD SPACING UNIT SUBMITTED BY MEWBOURNE OIL COMPANY

CASE NO. 24551 ORDER NO. R-23511

ORDER

The Director of the New Mexico Oil Conservation Division ("OCD"), having heard this matter through a Hearing Examiner on August 22, 2024, and after considering the testimony, evidence, and recommendation of the Hearing Examiner, issues the following Order.

FINDINGS OF FACT

- 1. Mewbourne Oil Company ("Operator") submitted an application ("Application") to compulsory pool the uncommitted oil and gas interests within the spacing unit ("Unit") described in Exhibit A.
- 2. The Application also seeks approval of a Non-Standard horizontal spacing unit for production from all Division-designated pools underlying the Unit.
- 3. Operator seeks to be designated the operator of the Unit.
- 4. Operator will dedicate the well(s) described in Exhibit A ("Well(s)") to the Unit.
- 5. Operator proposes the supervision and risk charges for the Well(s) described in Exhibit A.
- 6. Operator identified the owners of uncommitted interests in oil and gas minerals in the Unit and provided evidence that notice was given.
- 7. Operator identified the owners of interest in the offset oil and gas minerals from the Unit and provided evidence that notice was given.
- 8. The Application was heard by the Hearing Examiner on the date specified above, during which Operator presented evidence through affidavits in support of the Application. No other party presented evidence at the hearing.

CONCLUSIONS OF LAW

- 9. OCD has jurisdiction to issue this Order pursuant to NMSA 1978, Section 70-2-17.
- 10. Operator is the owner of an oil and gas working interest within the Unit.

Mewbourne Oil Company Case No. 25215 Exhibit A-2

- 11. Operator satisfied the notice requirements for the Application and the hearing as required by 19.15.4.12 NMAC.
- 12. Operator has met the notice requirements for approval of non-standard horizontal spacing units in accordance with 19.15.16.15(B)(5) NMAC.
- 13. OCD satisfied the notice requirements for the hearing as required by 19.15.4.9 NMAC.
- 14. Operator has the right to drill the Well(s) to a common source of supply at the depth(s) and location(s) in the Unit described in Exhibit A.
- 15. OCD's rules allow the approval of a non-standard horizontal spacing unit, after notice and opportunity for hearing, "if necessary to prevent waste or protect correlative rights" 19.15.16.15(B)(5)(a) NMAC.
- 16. While the OCD is authorized to approve a non-standard spacing unit, <u>Rutter &</u> <u>Wilbanks Corp. v. Oil Conservation Comm'n</u>, 1975-NMSC-006, OCD lacks the authority to approve unitization and will disapprove an application if it determines that it is actually unitization. Order R-13554 (May 18, 2012) (disapproving application for a non-standard spacing unit consisting of 16 standard spacing units).
- 17. Approval of the Non-Standard Spacing Unit promotes effective well spacing and allows the Operator to therefore prevent waste and protect correlative rights.
- 18. The Unit contains separately owned uncommitted interests in oil and gas minerals.
- 19. Some of the owners of the uncommitted interests have not agreed to commit their interests to the Unit.
- 20. The pooling of uncommitted interests in the Unit will prevent waste and protect correlative rights, including the drilling of unnecessary wells.
- 21. This Order affords to the owner of an uncommitted interest the opportunity to produce his just and equitable share of the oil or gas in the pool.

<u>ORDER</u>

- 22. The Unit is approved as a non-standard horizontal spacing unit.
- 23. Operator shall file Forms C-102 reflecting the correct acreage dedicated for each of the Wells.
- 24. The uncommitted interests in the Unit are pooled as set forth in Exhibit A.
- 25. The Unit shall be dedicated to the Well(s) set forth in Exhibit A.

CASE NO. 24551 ORDER NO. R-23511

- 26. Operator is designated as operator of the Unit and the Well(s).
- 27. If the location of a well will be unorthodox under the spacing rules in effect at the time of completion, Operator shall obtain the OCD's approval for a non-standard location in accordance with 19.15.16.15(C) NMAC.
- 28. The Operator shall commence drilling the Well(s) within one year after the date of this Order, and complete each Well no later than one (1) year after the commencement of drilling the Well.
- 29. This Order shall terminate automatically if the Operator fails to comply with the preceding paragraph unless the Operator obtains an extension by amending this Order for good cause shown.
- 30. The infill well requirements in 19.15.13.9 NMAC through 19.15.13.12 NMAC shall be applicable.
- 31. Operator shall submit each owner of an uncommitted working interest in the pool ("Pooled Working Interest") an itemized schedule of estimated costs to drill, complete, and equip the well ("Estimated Well Costs").
- 32. No later than thirty (30) days after Operator submits the Estimated Well Costs, the owner of a Pooled Working Interest shall elect whether to pay its share of the Estimated Well Costs or its share of the actual costs to drill, complete and equip the well ("Actual Well Costs") out of production from the well. An owner of a Pooled Working Interest who elects to pay its share of the Estimated Well Costs shall render payment to Operator no later than thirty (30) days after the expiration of the election period, and shall be liable for operating costs, but not risk charges, for the well. An owner of a Pooled Working Interest who elects to pay its share of the Actual Well Costs out of production from the well costs or who elects to pay its share of the Actual Well Costs out of production from the well shall be considered to be a "Non-Consenting Pooled Working Interest."
- 33. No later than one hundred eighty (180) days after Operator submits a Form C-105 for a well, Operator shall submit to each owner of a Pooled Working Interest an itemized schedule of the Actual Well Costs. The Actual Well Costs shall be considered to be the Reasonable Well Costs unless an owner of a Pooled Working Interest files a written objection no later than forty-five (45) days after receipt of the schedule. If an owner of a Pooled Working Interest files a timely written objection, OCD shall determine the Reasonable Well Costs after public notice and hearing.
- 34. No later than sixty (60) days after the expiration of the period to file a written objection to the Actual Well Costs or OCD's order determining the Reasonable Well Costs, whichever is later, each owner of a Pooled Working Interest who paid its share of the Estimated Well Costs shall pay to Operator its share of the

CASE NO. 24551 ORDER NO. R-23511

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Reasonable Well Costs that exceed the Estimated Well Costs, or Operator shall pay to each owner of a Pooled Working Interest who paid its share of the Estimated Well Costs its share of the Estimated Well Costs that exceed the Reasonable Well Costs.

- 35. The reasonable charges for supervision to drill and produce a well ("Supervision Charges") shall not exceed the rates specified in Exhibit A, provided however that the rates shall be adjusted annually pursuant to the COPAS form entitled "Accounting Procedure-Joint Operations."
- 36. No later than within ninety (90) days after Operator submits a Form C-105 for a well, Operator shall submit to each owner of a Pooled Working Interest an itemized schedule of the reasonable charges for operating and maintaining the well ("Operating Charges"), provided however that Operating Charges shall not include the Reasonable Well Costs or Supervision Charges. The Operating Charges shall be considered final unless an owner of a Pooled Working Interest files a written objection no later than forty-five (45) days after receipt of the schedule. If an owner of a Pooled Working Interest files a timely written objection, OCD shall determine the Operating Charges after public notice and hearing.
- 37. Operator may withhold the following costs and charges from the share of production due to each owner of a Pooled Working Interest who paid its share of the Estimated Well Costs: (a) the proportionate share of the Supervision Charges; and (b) the proportionate share of the Operating Charges.
- 38. Operator may withhold the following costs and charges from the share of production due to each owner of a Non-Consenting Pooled Working Interest: (a) the proportionate share of the Reasonable Well Costs; (b) the proportionate share of the Supervision and Operating Charges; and (c) the percentage of the Reasonable Well Costs specified as the charge for risk described in Exhibit A.
- 39. Operator shall distribute a proportionate share of the costs and charges withheld pursuant to the preceding paragraph to each Pooled Working Interest that paid its share of the Estimated Well Costs.
- 40. Each year on the anniversary of this Order, and no later than ninety (90) days after each payout, Operator shall provide to each owner of a Non-Consenting Pooled Working Interest a schedule of the revenue attributable to a well and the Supervision and Operating Costs charged against that revenue.
- 41. Any cost or charge that is paid out of production shall be withheld only from the share due to an owner of a Pooled Working Interest. No cost or charge shall be withheld from the share due to an owner of a royalty interests. For the purpose of this Order, an unleased mineral interest shall consist of a seven-eighths (7/8) working interest and a one-eighth (1/8) royalty interest.

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- 42. Except as provided above, Operator shall hold the revenue attributable to a well that is not disbursed for any reason for the account of the person(s) entitled to the revenue as provided in the Oil and Gas Proceeds Payment Act, NMSA 1978, Sections 70-10-1 *et seq.*, and relinquish such revenue as provided in the Uniform Unclaimed Property Act, NMSA 1978, Sections 7-8A-1 *et seq.*
- 43. The Unit shall terminate if (a) the owners of all Pooled Working Interests reach a voluntary agreement; or (b) the well(s) drilled on the Unit are plugged and abandoned in accordance with the applicable rules. Operator shall inform OCD no later than thirty (30) days after such occurrence.
- 44. OCD retains jurisdiction of this matter for the entry of such orders as may be deemed necessary.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

Fratos

Date: 10/23/24

GERASIMOS RAZATOS DIRECTOR (Acting) GR/jag

CASE NO. 24551 ORDER NO. R-23511

Exhibit A

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ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS						
Case: 24551	APPLICANT'S RESPONSE					
Hearing Date: August 22, 2024	APPEICANT 3 RESPONSE					
Applicant	Mewbourne Oil Company					
	14744					
Designated Operator & OGRID (affiliation if applicable)	Hinkle Shanor LLP & James Bruce					
Applicant's Counsel: Case Title:						
Lase Title:	Application of Mewbourne Oil Company for Approval of a Non-Standard Horizontal Spacing Unit and Compulsory Pooling,					
	Eddy County, New Mexico.					
Entries of Appearance/Intervenors: Well Family	Permian Resources Operating, LLC Shark Week					
- () - ()	Shark week					
Formation/Pool	Para Caring					
Formation Name(s) or Vertical Extent:	Bone Spring					
Primary Product (Oil or Gas):	Oil Dear Continue					
Pooling this vertical extent:	Bone Spring					
Pool Name and Pool Code:	Avalon; Bone Spring pool (Code 96381)					
Well Location Setback Rules:	Statewide					
Spacing Unit						
Type (Horizontal/Vertical)	Horizontal 1.920-acres					
Size (Acres)						
Building Blocks:	quarter-quarter					
Drientation:	East to West					
Description: TRS/County	Sections 10, 11 and 12, Township 20 South, Range 27 East, Eddy County, Nev Mexico.					
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	No. This is a non-standard horizontal well spacing unit. Aproval of a non-					
and is approval of non-standard unit requested in this application?	standard unit is requested in this application.					
Other Situations						
Depth Severance: Y/N. If yes, description	No.					
Proximity Tracts: If yes, description	No.					
Proximity Well:	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	Shark Week 12/10 Fed Com 622H (API # pending)					
	SHL: 950' FSL & 225' FEL (Unit P), Section 1, T20S-R27E					
	BHL: 820' FNL & 100' FWL (Unit D), Section 10, T20S-R27E					
	Completion Target: Bone Spring (Approx. 8,008' TVD)					
Well #2	Shark Week 12/10 Fed Com 624H (API # pending)					
	SHL: 950' FSL & 205' FEL (Unit P), Section 1, T20S-R27E					
	BHL: 2120' FNL & 100' FWL (Unit E), Section 10, T20S-R27E					
	Completion Target: Bone Spring (Approx. 8,038' TVD)					
AFE Capex and Operating Costs						
Drilling Supervision/Month \$	\$10,000					
Production Supervision/Month \$	\$1,000					
ustification for Supervision Costs	Exhibit A-5					
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					
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-3					
Ownership Determination						
A REAL PROPERTY AND A REAL	Full that A D					
and Ownership Schematic of the Spacing Unit	Exhibit A-3					

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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
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Depth Severance Discussion	N/A
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C-102	Exhibit A-2
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Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibit B-1
Structure Contour Map - Subsea Depth	Exhibit B-1
Cross Section Location Map (including wells)	Exhibit B-1
Cross Section (including Landing Zone)	Exhibit B-2
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provi	ded in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy
Date:	8/19/2024

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CASE NO. 24551 ORDER NO. R-23511

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										Cas	se No	rne Oil Compa . 25215	any
<u>C-102</u>			Ener		erals & Na	atural					<u>nibit</u> 4		ıly 9, 2024
	Submit Electronically Via OCD Permitting OIL CONSERVAT					ION DIV							
					WELL LC	CATI	ON INFO	RMATIO)N			L As Dilled	
API Nu	umber 0-015-	55921	Pool Code 96381			P	ool Name valon; Bo						
Propert	y Code		Property Na	ume	SHAR	ĸw	EEK 1	2/10	FED C	ОМ	W	Vell Number 62	26H
OGRIE 14744) No.		Operator Na	ame	MEW	BOI	JRNE (OIL C	OMPAN	Y	G	Fround Level Elevation	3316'
Surface	e Owner: 🗖	State □ Fee [Tribal 🗹 Fe	ederal			Mineral	Owner:	□State □	Fee 🗖 T	ribal 🔽	Federal	
						Surfac	e Location	L					
UL	Section	Township	Range	Lot	Ft. from N		Ft, from		Latitude			ongitude	County
L	7	20S	28E	3	1905		1105		32.585	59880	°N 1(04.2224188°₩	EDDY
UL	Section	Township	Range	Lot	Bo Ft, from N		Hole Locat		Latitude	_	1.	ongitude	County
L	10	20S	27E		1850		100			30093		04.2770117°W	EDDY
				I									
Dedica 1920	tted Acres Infill or Defining Well Defining Well API						ping Spa	acing Unit (Y		onsolidat OM	tion Code		
Order 1	Numbers. R-	23511					Well se	tbacks ar	e under Con	nmon Ov	wnership	o: 🗆 Yes 🗹 No	
					К	ick Of	f Point (KO	OP)					
UL	Section	Township	Range	Lot	Ft. from N		Ft, from		Latitude		L	ongitude	County
L	7	205	28E	3	1850	FSL	473	FWL	32.585	58314	••N 1	04.2244737°W	EDDY
1	- -	T ==					ke Point (F		1				
UL	Section 12	Township 20	Range 27E	Lot	Ft. from N		Ft. from		Latitude	50045		.ongitude 04.2263336°W	County
Ι	12	20	~1L		1850		100		32.585	00%47		04.2203330 #	EDDY
UL	Section	Township	Range	Lot	Ft, from N		Ft. from	,	Latitude		L	Longitude	County
Unitize	ed Area or A	rea of Uniform	1 Interest	Spacing	Unit Type G	Z Hori	zontal 🗌 V	/ertical		Ground I 3344	Floor Ele	evation:	
[
I hereb my kno	y certify that th wledge and bel	TIFICATION e information con ief, and , if the we ons a working inte	tained herein is II is a vertical or	directional	well, that this				RTIFICATIO he well locatio under my supp		on this pic	was plotted from field no	otes of actual to the best of
includii locatioi interest	ng the proposed n pursuant to a	d bottom hole loca contract with an a ary pooling agree	ation or has a rig owner of a work	ght to drīll thi ing interest o	is well at this or unleased min	eral	my venej.		ROA	ALL NY	MELIC 9680	A THE	
consen in each	t of at least one tract (in the ta	ntal well, I further lessee or owner o rget pool or formo d or obtained a co	of a working inte ation) in which a	rest or unlea iny part of th	sed mineral int we well's comple	erest			ROFE	1.55101	AL GI	New Star	
Ry	an M	Danie	l	1	0/23/24						WIL O		
Signayu	e	Ryan McD	Date aniel				Signature and	i Seal of Pro	ofessional Surve N. HOL	wett			
Printed	Name	Tyan MCD					Certificate N	umber	Date	of Survey			
R	yanMcDar	iiel@Mewboi	urne.com				1	9680			09	9/18/2024	
Email A	ddress											, ,	

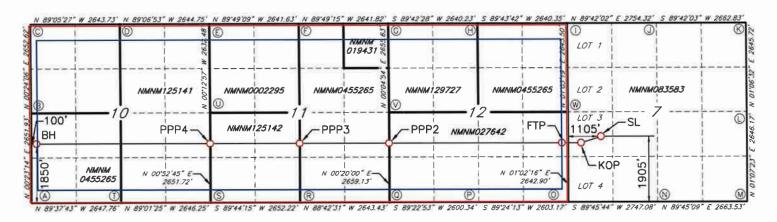
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. JOB #: LS24090772D1

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 a 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.

SHARK WEEK 12/10 FED COM #626H



GEODETIC_DATA NAD 83 GRID - NM EAST <u>SURFACE LOCATION (SL)</u> N: 576930.9 - E: 575499.2 LAT: 32.5859880" N LONG: 104.2224188" N W

<u>KICK OFF POINT (KOP)</u> <u>1850' FSL - 473' FWL SEC.7</u> N: 576873.3 - E: 574866.4

LAT: 32.5858314" N LONG: 104.2244737" W

FIRST TAKE POINT (FTP) <u>1850' FSL - 100' FEL SEC.12</u> N: 576870.3 - E: 574293.5

LAT: 32,5858247" N LONG: 104,2263336" W

PROPOSED PENETRATION POINT 2 (PPP2) 1922' FSL - 0' FEL SEC.11 N: 576888.4 - E: 569169.2

LAT: 32.5858876* N LONG: 104.2429708* W

PROPOSED PENETRATION POINT 3 (PPP3) 1872' FSL – 2647' FEL SEC.11 N: 576897.8 – E: 566523.1

LAT: 32.5859192' N LONG: 104.2515620' W

PROPOSED PENETRATION POINT 4 (PPP4) <u>1893' FSL - 0' FEL SEC.10</u> N: 576907.1 - E: 563893.4

LAT: 32,5859500° N LONG: 104.2600999° W

BOTTOM HOLE (BH) N: 576925.5 - E: 558684.6 LAT: 32.5860093' N LONG: 104.2770117' W

NAD 83 GRID - NM EAST

M: FOUND BRASS CAP "1942" N: 575045.0 - E: 579769.3
N: FOUND BRASS CAP "1942" N: 575033.5 - E: 577106.4
0: FOUND BRASS CAP "1942" N: 575022.1 - E: 574360.0
 P: FOUND BRASS CAP "1942" N: 574995.0 - E: 571757.6
Q: FOUND 1/2" REBAR N: 574967.0 - E: 569158.0
R: FOUND BRASS CAP "1942" N: 575026.5 - E: 566515.9
" S: FOUND BRASS CAP "1942" N: 575014.4 - E: 563864.4
" T: FOUND BRASS CAP "1942" N: 575059.5 – E: 561219.2
U: FOUND BRASS CAP "1942" N: 577665.1 - E: 563905.1
" V: FOUND BRASS CAP "1942" N: 577625.4 - E: 569173₅5
W: FOUND BRASS CAP "1942" N: 577663.9 - E: 574407.9

JOB #: LS24090772D1

Page 18 of 37

<u>C-102</u>			State of New Mexico Energy, Minerals & Natural Resources Department					Rev	ised Ju	ıly 9, 2024			
	Electronical D Permittin			OIL	CONSER	VATI	ON DIV	ISIOÑ		-	☐ Initial S	ıbmitt	al
via OC	Dieminum	Б								Subm	ittal		
										Туре	As Drill		
		w.			WELL L	OCATI	ON INFOI	RMATIO	N				
API Nu			Pool Code				ol Name						
	0-015-58	5876	96381			A	alon; B	one Sp	ring				
Property	Code		Property Na	me	RK W	EEK 1	2/10	FED COM		Well Number		28H	
OGRID 14744	No.		Operator Na	Name MEWBO			JRNE	OIL C	OMPANY		Ground Level Elev	ation	3316'
Surface	Owner: 🗆 S	State □ Fee □	🛛 Tribal 🔽 Fe	Federal			Mineral	Owner:	□State □Fee	🗆 Tribal	Federal		
						Surfac	e Locatior	1					
UL	Section	Township	Range	Lot	Ft. from 1	N/S	Ft. from	E/W	Latitude		Longitude		County
L	7	20S	28E	3	1885	FSL	1105	FWL	32.58593	30°N	104.222420	1°W	EDDY
					E	Bottom I	Hole Locat	ion					
UL	Section	Township	Range	Lot	Ft. from 1		Ft. from		Latitude		Longitude		County
M	10	20S	27E		440	FSL	100	FWL	32.58213	846"N	104.277045	1°W	EDDY
	1.4	1.511		D.C.	117 II A DI								1
1920	ed Acres	Infill or Defin Defining	ning Well	Defining N/A	Well API					CON	nsolidation Code OM		
Order N	lumbers.R-2						Well setbacks are under Common Ownership: 🗆 Yes 🗹 No						
						Kick Of	f Point (K(ופר					
UL	Section	Township	Range	Lot	Ft. from		Ft. from		Latitude	_	Longitude		County
M	7	205	28E	4	440	FSL	473	FWL	32.58195	573°N	104.224561	3°W	EDDY
					1I	First Tak	L e Point (F	TP)					
UL	Section	Township	Range	Lot	Ft. from	N/S	Ft. from	E/W	Latitude		Longitude		County
P	12	20	27E		440	FSL	100	FEL	32.58195	507"N	104.226421	1°W	EDDY
			·		1	Last Tak	e Point (L	TP)					
UL	Section	Township	Range	Lot	Ft. from	N/S	Ft. from	E/W	Latitude		Longitude		County
N/A	N/A	N/A	N/A	N/A	N/A		N/A	۱	N/A		N/A		N/A
Unitize	d Area or Ar	ea of Uniform	Interest	Spacing	Unit Type	Horiz	rizontal 🗌 Vertical Ground Floor Elevation:						
									331	5			
OPER	ATOR CER	TIFICATIONS	8				SURVEY	OR CER	TIFICATIONS				
		information cont		rue and com	plete to the b	est of					Dist was plotted from	field ne	otes of actual
my know	ledge and beli	ef, and , if the wel ns a working inter	l is a vertical or	directional v	well, that this		surveys ma my belief.	ide by me u			plat was plotted from	orrect	to the best of
includin	g the proposed	bottom hole loca contract with an o	tion or has a rig	ht to drill thi.	s well at this		my benej.		181	EN ME	in l		
interest,		ary pooling agree								4000	10 3		
	·	tal well, I further	cartifi that this	organization	has received	the			PROF	(1900))) 8		
consent	of at least one	lessee or owner o	f a working inte	rest or unleas	sed mineral i	nterest			107		1 tu		
interval	will be located	get pool or forma or obtained a co	mpulsory poolin			10104			1.05	ONAL	SURT		
Ry	an Mc	Daniel		10/23	/24								
Signiture			Date				Signature and	d Seal of Pro	ofessional Surveyor	17-			
	Ryan McD	Daniel					RAIN	an N	1. TADUR	101			
					Cartificate	lumbar	Data of fire						
Printed N	ame	iel@Mewbou					Certificate N	lumber 9680	Date of Su		09/18/2024		

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.

JOB #: LS24090773D1

Page 19 of 37

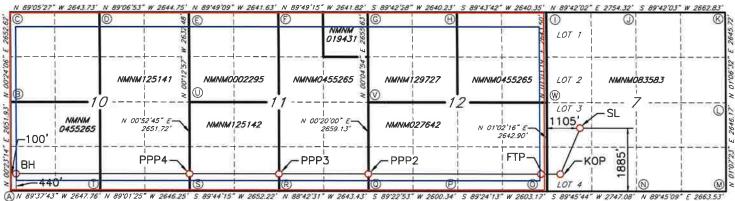
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ACREAGE DEDICATION PLATS

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 a 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.

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SHARK WEEK 12/10 FED COM #628H



Released to Imaging: 3/6/2025 2:39:10 PM

GEODETIC DATA NAD 83 GRID - NM EAST <u>SURFACE LOCATION (SL)</u> N: 576910.9 - E: 575498.9

LAT: 32.5859330° N LONG: 104.2224201° W

KICK OFF POINT (KOP) 440' FSL - 473' FWL SEC.7 N: 575463.9 - E: 574840.8

LAT: 32.5819573' N LONG: 104.2245613' W

<u>FIRST_TAKE_POINT_(FTP)</u> +0'_FSL___100'_FEL_SEC.12 : 575460.9___E: 574268.0 440 N·

LAT: 32.5819507" N LONG: 104.2264211" W

PROPOSED PENETRATION POINT 2 (PPP2) 512° FSL - 0° FEL SEC.11 N: 575478.9 - E: 569161.0

LAT: 32.5820131" N LONG: 104.2430013" W

PROPOSED PENETRATION POINT 3 (PPP3) 462' FSL - 2644' FEL SEC.11 N: 575488.2 - E: 566517.7

LAT: 32.5820446' N LONG: 104.2515831' W

PROPOSED PENETRATION POINT 4 (PPP4) <u>483' FSL – 0' FEL SEC 10</u> N: 575497 5 – E: 563871.8

LAT: 32.5820756" N LONG: 104.2601733" W

BOTTOM HOLE (BH) N: 575515 9 - E: 558675 1

LAT: 32.5821346° N LONG: 104.2770451° W

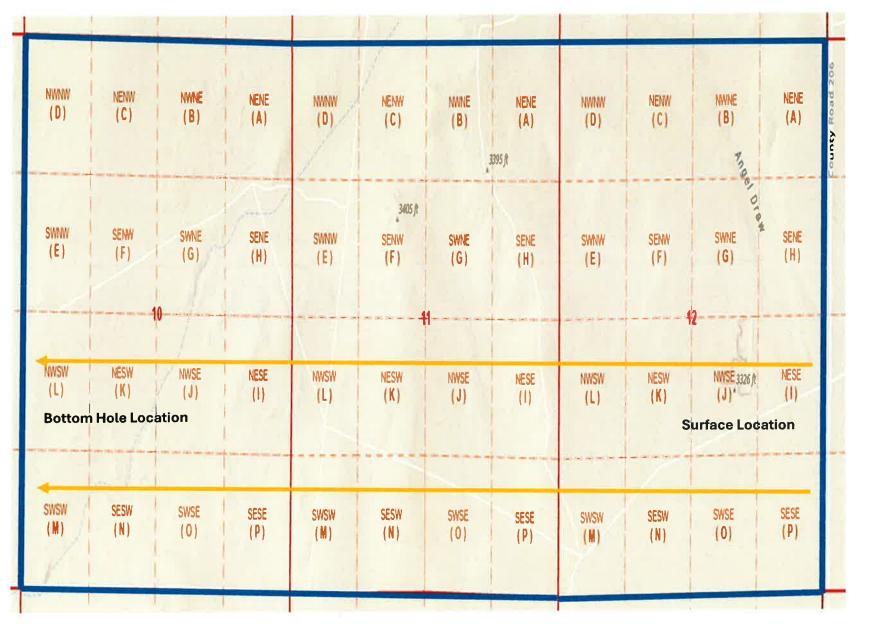
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1942"	M: FOUND BRASS CAP "1942"
N: 575076_6 — E: 558572.1	N: 575045.0 – E: 579769.3
B: FOUND BRASS CAP "1942"	N: FOUND BRASS CAP "1942"
N: 577727.8 – E: 558590.0	N: 575033.5 – E: 577106.4
C: FOUND BRASS CAP "1942"	0: FOUND BRASS CAP "1942"
N: 580379 7 — E: 558608.6	N: 575022.1 – E: 574360.0
D: FOUND BRASS CAP "1942"	P: FOUND BRASS CAP "1942"
N: 580337.8 – E: 561251.4	N: 574995.0 – E: 571757.6
E: FOUND BRASS CAP "1942"	Q: FOUND 1/2" REBAR
N: 580297.0 — E: 563895.2	N: 574967.0 - E: 569158.0
F: FOUND BRASS CAP "1942"	R: FOUND BRASS CAP "1942"
N: 580288.6 – E: 566536.1	N: 575026.5 – E: 566515.9
G: FOUND BRASS CAP "1942"	S: FOUND BRASS CAP "1942"
N: 5802804 – E: 569177.3	N: 575014.4 – E: 563864.4
H: FOUND BRASS CAP "1942"	T: FOUND BRASS CAP "1942"
N: 580293.8 — E: 571816.8	N: 575059.5 – E: 561219.2
I: FOUND BRASS CAP 1942"	U: FOUND BRASS CAP "1942"
N: 580306.3 – E: 574456.5	N: 577665 1 — E: 563905.1
J: FOUND BRASS CAP "1942"	V: FOUND BRASS CAP "1942"
N: 580320.7 – E: 577210.2	N: 577625.4 – E: 569173.5
K: FOUND BRASS CAP "1942"	W: FOUND BRASS CAP "1942"
N: 580334 6 — E: 579872 3	N: 577663.9 – E: 574407.9
L: FOUND BRASS CAP "1942" N: 577690.0 – E: 579821.1	

JOB #: LS24090773D1

Shark Week 12/10 Fed Com #622H

Shark Week 12/10 Fed Com #624H



Mewbourne Oil Company Case No. 25215 Exhibit A-4

.

		Section Pla Shark Week 12/10 Fed Shark Week 12/10 Fed Sections 10, 11, and 12. Eddy County, New	Com #626H Com #628H T20S, R27E 7 Mexico		
	Section 10	Section	11	Sect	ion 12
Tract 5 NMNM-002295	Tract 7	Tract 5 NMNM-002295	Tract 4 NMNM-019431 Tract 1 NMNM-0455265	Tract 3 ULA NMNM 106719422	Tract 1 NMNM-0455265
Tural	NMNM-125141	The second s			
Tract 1 NMNM-0455265		Tract 6 NMNM-125142			net 2 I-027642

Tract 1: NE/4 of Section 12, NW/4NE/4, S/2NE/4, and SE/4 of Section 11, and SW/4 of Section 10-NMNM-0455265

Mewbourne Oil Company, et al.

Tract 3: NW/4 of Section 12-(ULA) NMNM 106719422

Tract 4: NE/4NE/4 of Section 11-NMNM-019431 Mewbourne Oil Company

Tract 2: S/2 of Section 12-NMNM-027642 Mewbourne Oil Company, et al.

Estate of Edwin E, Merriman

United States of America

Tract 5: NW/4 of Section 10 and NW/4 of Section 11-NMNM-002295 Mewbourne Oil Company, et al. Tract 6: SW/4 of Section 11-NMNM-125142 Mewbourne Oil Company, et al.

Tract 7: E/2 of Section 10-NMNM-125141

Mewbourne Oil Company, et al.

RECAPITUALTION FOR SHARK WEEK 12/10 FED COM #626H & SHARK WEEK 12/10 FED COM #628H

Tract	Number of Acres Committeed	Percentage of Interst in Communitized Area
1	600	31.25000%
2 320		16.66667%
3	160	8.333333%
4	40	2.083333%
5	320	16.666667%
6	160	8.333333%
7	320	16.666667%
TOTAL	1920	100.000000%

All of Secti Bone Spring Formation:	ons 10, 11, and 12
Owner Mewbourne Oil Company, et al. Estate of Edwin E. Merriman	% of Leasehold Interest 99.500000% 0.500000%
TOTAL	100.000000%
Total Interest Being Pooled:	0.500000%
OWNERSHIP BY TRACT	
Tract 1: NE/4 of Section 12, NW/4NE/4, Section 10-NMNM-0455265	S/2NE/4, and SE/4 of Section 11, and SW/4
Owner	% of Leasehold Interest
Mewbourne Oil Company, et al	100.000000%
TOTAL	100.000000%
Tract 2: S/2 of Section 12-NMNM-02764	12
Owner	
Mewbourne Oil Company, et al Estate of Edwin E. Merriman	97.000000%
Estate of Edwin E. Merriman	3.000000%
TOTAL	100.000000%
Tract 3: NW/4 of Section 12- (ULA) NM	NM 106719422
Owner United States of America	100.000000%
TOTAL	100.000000%
Tract 4: NE/4NE/4 of Section 11-NMNM	I-019431
Owner Mewbourne Oil Company	100.00000%
TOTAL	100.000000%
Tract 5: NW/4 of Section 10 and NW/4 o Owner	f Section 11-NMNM-002295
Mewbourne Oil Company, et al.	100_000000%
TOTAL	100.000000%
Tract 6: SW/4 of Section 11-NMNM-125	142
Owner	
Mewbourne Oil Company, et al,	100_000000%
TOTAL	100.000000%
Tract 7: E/2 of Section 10-NMNM-12514	1
Owner Mewbourne Oil Company, et al.	100.000000%
TOTAL	100.000000%

*Party to be pooled in highlighted in yellow.

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Fasken Center 500 West Texas, Suite 1020 Midland, TX 79701

TELEPHONE (432) 682-3715 FACSIMILE (432) 685-4170

January 25, 2024

and

Certified Mail

Working Interest Owner

Re:	Shark Week 12/10 Fed Com #622H
	950' FSL & 225' FEL (Section 1)
	820' FNL & 100' FWL (Section 10)

Shark Week 12/10 Fed Com #624H 950' FSL & 205' FEL (Section 1) 2120' FNL & 100' FWL (Section 10)

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne"), as Operator, proposes to form a 1,920.00 acre Working Interest Unit ("WIU") covering all the captioned Sections 10, 11 and 12 for oil and gas production. The targeted interval for the initial test is the Bone Spring formation. Our records indicate that you own a portion of the operating rights in the WIU, and your working interest is reflected on the enclosed AFE.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Shark Week 12/10 Fed Com #622H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,008 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 23,771 feet. The N/2N/2 of Sections 10, 11 and 12 will be dedicated to the well as the proration unit.

Finally, Mewbourne as Operator hereby proposes to drill the captioned Shark Week 12/10 Fed Com #624H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,038 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 24,015 feet. The N/2S/2 of Sections 10, 11 and 12 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling is our Operating Agreement dated February 1, 2024, along with an extra set of signature pages and our AFEs dated January 19, 2024, for the captioned proposed wells. Please sign and return said AFEs and extra set of signature pages at your earliest convenience if you elect to participate in the captioned wells and WIU and return to me within thirty (30) days.

If you have any questions regarding the above, please email me at <u>bblandford@mewbourne.com</u> or call me at (432) 682-3715.

Sincerely,

MEWBOURNE OIL COMPANY

Brusto Blandqual

Braxton Blandford Landman

Mewbourne Oil Company Case No. 25215 Exhibit A-5

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

TELEPHONE (432) 682-3715 FACSIMILE (432) 685-4170

November 19, 2024

Via Email

Working Interest Owner

Re:	Shark Week 12/10 Fed Com #626H	and	Shark Week 12/10 Fed Com #628H
	1905' FSL & 1105' FWL (Section 7)		1885' FSL & 1105' FWL (Section 7)
	1850' FSL & 100' FWL (Section 10)		440' FSL & 100' FWL (Section 10)

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne"), as Operator, previously proposed to form a 1,920.00 acre Working Interest Unit ("WIU") covering all the captioned Sections 10, 11 and 12 for oil and gas production. The previously proposed initial wells were planned to be the Shark Week 12/10 Fed Com #622H and Shark Week 12/10 Fed Com #624H, but Mewbourne will now drill the above captioned wells as its initial development of the proposed unit. The targeted interval for the initial test is the Bone Spring formation.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Shark Week 12/10 Fed Com #626H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,409 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 24,550 feet. All of Sections 10, 11 and 12 will be dedicated to the well as the proration unit.

Finally, Mewbourne as Operator hereby proposes to drill the captioned Shark Week 12/10 Fed Com #628H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,409 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 24,550 feet. All of Sections 10, 11 and 12 will be dedicated to the well as the proration unit.

Regarding the above, you have previously been provided with our Operating Agreement dated February 1, 2024, along with an extra set of signature pages. Please reach out if you need another copy. Additionally, attached with this letter you will find our AFEs dated November 14, 2024, for the captioned proposed wells. Please sign and return said AFEs at your earliest convenience if you elect to participate in the captioned wells and return to me within thirty (30) days.

If you have any questions regarding the above, please email me at <u>bblandford@mewbourne.com</u> or call me at (432) 682-3715.

Sincerely,

MEWBOURNE OIL COMPANY

Praction Blandyand

Braxton Blandford Landman

Well Name: SHARK WEEK 12/10 FED COM #626H (B3IL) Prosp	pect:	Voyage	er 11		
Location: SL: 1905 FSL & 1105 FWL (7); BHL: 1850 FSL & 100 FWL (10) Co		and the second second			
	unty:	-	1		ST: NM
Sec. 7 Blk: Survey: TWP: 20S	RNG	: 28E	Prop. TVD	8409	TMD: 24550
INTANGIBLE COSTS 0180	COD	F	тср	CODE	CC
egulatory Permits & Surveys	0180-0			0180-0200	
ocation / Road / Site / Preparation	0180-0			0180-0205	\$35,000
ocation / Restoration	0180-0			0180-0206	\$80,000
aywork / Turnkey / Footage Drilling 30 days drlg / 3 days comp @ \$28000/d	0180-0			0180-0210	\$89,700
uel 1700 gal/day @ \$3.9/gal	0180-0			0180-0214	\$103,000
Iternate Fuels	0180-0			0180-0215	\$185,000
lud, Chemical & Additives	0180-0	120	\$40,000	0180-0220	
1ud - Specialized	0180-0	121	\$350,000	0180-0221	
lorizontal Drillout Services				0180-0222	\$429,000
timulation Toe Preparation				0180-0223	\$29,000
Cementing	0180-0	125	\$60,000	0180-0225	\$200,000
ogging & Wireline Services	0180-0	130		0180-0230	\$463,000
Casing / Tubing / Snubbing Services	0180-0	134	\$15,000	0180-0234	\$30,000
Aud Logging	0180-0	137	\$15,000		
Stimulation 77 Stg 30.8 MM gal / 30.8 MM Ib				0180-0241	\$3,212,000
Stimulation Rentals & Other				0180-0242	\$320,000
Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.	0180-0			0180-0245	\$360,000
Bits	0180-0			0180-0248	
nspection & Repair Services	0180-0		\$50,000	0180-0250	\$5,000
Aisc. Air & Pumping Services	0180-0			0180-0254	\$10,000
esting & Flowback Services	0180-0	158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization	0180-0		\$150,000		
Fransportation	0180-0			0180-0265	\$75,000
Velding, Construction & Maint. Services	0180-0			0180-0268	\$16,500
Contract Services & Supervision	0180-0			0180-0270	\$80,000
Directional Services Includes Vertical Control	0180-0		\$600,000		
quipment Rental	0180-0			0180-0280	\$120,000
Vell / Lease Legal	0180-0			0180-0284	
Vell / Lease Insurance	0180-0			0180-0285	
ntangible Supplies	0180-0			0180-0288	\$1,000
Damages	0180-0		\$10,000	0180-0290	\$10,000
Pipeline Interconnect, ROW Easements	0180-0			0180-0292	\$5,000
Company Supervision	0180-0		\$118,800		\$43,200
Dverhead Fixed Rate	0180-0			0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)	0180-0)199	\$172,400	0180-0299	\$297,800
TOTAL			\$3,620,100		\$6,253,700
TANGIBLE COSTS 0181					
Casing (19.1" - 30")	0181-0	0793			
Casing (10.1" - 19.0") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft	0181-0	0794	\$23,000		
Casing (8.1" - 10.0") 2850' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft	0181-0)795	\$87,800		
Casing (6.1" – 8.0") 8500' - 7" 29# HPP110 BT&C @ \$34.18/ft	0181-0	0796	\$310,300		
Casing (4.1" – 6.0") 16100' - 5 1/2" 20# HPP110 Talon @ \$28.1/ft				0181-0797	\$483,200
Tubing 8400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.75/ft				0181-0798	\$96,400
Drilling Head	0181-0	0860	\$50,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools				0181-0871	\$20,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Service Pumps (1/4) TP/CP/Circ pump				0181-0886	\$10,000
Storage Tanks (1/4) (8)OT/(6)WT/(2)GB				0181-0890	
Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR				0181-0892	
Separation / Treating Equipment (1/4) (4)TEST H SEP 500#/(2)V SEP 500#/(4)VHT/(0)HHT				0181-0895	
Automation Metering Equipment				0181-0898	
Oil/Gas Pipeline-Pipe/Valves&Misc				0181-0900	
Notas Dinalina Dina Valvas 9 Mias				0181-0901	
				0181-0906	
On-site Valves/Fittings/Lines&Misc				0181-0907	
On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction					
On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection				0181-0908	
On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation				0181-0909	\$167,000
On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation				0181-0909 0181-0910	\$167,000 \$88,000
Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction				0181-0909 0181-0910 0181-0920	\$167,000 \$88,000 \$56,000
On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation				0181-0909 0181-0910	\$167,000 \$88,000 \$56,000
On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction			\$471,100	0181-0909 0181-0910 0181-0920 0181-0921	\$167,000 \$88,000 \$56,000
Dn-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction TOTAL				0181-0909 0181-0910 0181-0920 0181-0921	\$167,000 \$88,000 \$56,000 \$1,621,600
On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction TOTAL SUBTOTAL			\$4,091,200	0181-0909 0181-0910 0181-0920 0181-0921	\$167,000 \$88,000 \$56,000
On-site Valves/Fittings/Lines&Misc Vellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Dil/Gas Pipeline - Construction Water Pipeline - Construction TOTAL SUBTOTAL SUBTOTAL TOTAL WELL COST			\$4,091,200	0181-0909 0181-0910 0181-0920 0181-0921	\$167,00 \$88,00 \$56,00 \$1,621,60
Dn-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Di//Gas Pipeline - Construction Water Pipeline - Construction TOTAL SUBTOTAL TOTAL WELL COST Opt-in. I elect to be covered by Operator's Extra Expense, Commercial General Liabili Policies, and will pay my proportionate share of the premiums associated with these insurance require recognize I will be responsible for my own coverage and will not be afforded protection	surance rements under o	coverag , or to se	\$4,091,200 \$11, al Liability, and les through join alf-insure (if ap s policies.	0181-0909 0181-0910 0181-0920 0181-0921 0 0181-0921 0 9 9 9 6 6,500 4 Excess/Um nt account bil	\$167,00 \$88,00 \$56,00 \$1,621,60 \$7,875,30 brella Insurance llings.
Dn-site Valves/Fittings/Lines&Misc Vellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Dil/Gas Pipeline - Construction Vater Pipeline - Construction TOTAL SUBTOTAL SUBTOTAL TOTAL WELL COST nsurance procured for the Joint Account by Operator Opt-in, I elect to be covered by Operator's Extra Expense, Commercial General Liabili Policies, and will pay my proportionate share of the premiums associated with these ins Opt-out. I elect to purchase my own policies for well control and other insurance requir recognize I will be responsible for my own coverage and will not be afforded protection If neither box is checked above, non-operating working interest owner elects to be covered byOperation	surance rements under o erator's 1	coverag , or to se perator's nsurance	\$4,091,200 \$11, al Liability, and les through join alf-insure (if ap s policies.	0181-0909 0181-0910 0181-0920 0181-0921 0 0181-0921 0 9 9 66,500 4 Excess/Um nt account bi plicable). By	\$167,00 \$88,00 \$56,00 \$1,621,60 \$7,875,30 brella Insurance llings. opting-out, I
Dn-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Dil/Gas Pipeline - Construction Water Pipeline - Construction TOTAL SUBTOTAL SUBTOTAL TOTAL WELL COST Insurance procured for the Joint Account by Operator Opt-in. I elect to be covered by Operator's Extra Expense, Commercial General Liabili Policies, and will pay my proportionate share of the premiums associated with these insurance require recognize I will be responsible for my own coverage and will not be afforded protection	surance rements under o erator's 1	coverag , or to se perator's nsurance	\$4,091,200 \$11, al Liability, and les through join alf-insure (if ap s policies.	0181-0909 0181-0910 0181-0920 0181-0921 0 0181-0921 0 9 9 66,500 4 Excess/Um nt account bi plicable). By	\$167,00 \$88,00 \$56,00 \$1,621,60 \$7,875,30 brella Insurance llings. opting-out, I
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Dn-site Valves/Fittings/Lines&Misc Vellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Dil/Gas Pipeline - Construction Vater Pipeline - Construction TOTAL SUBTOTAL SUBTOTAL Opt-in, I elect to be covered by Operator's Extra Expense, Commercial General Liabili Policies, and will pay my proportionate share of the premiums associated with these ins Opt-out. I elect to purchase my own policies for well control and other insurance requir recognize I will be responsible for my own coverage and will not be afforded protection If neither box is checked above, non-operating working Interest owner elects to be covered by Operator Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator r conditions.	surance rements under o erator's 'l reserves	coverag , or to se operator's nsurance the right to	\$4,091,200 \$11, al Liability, and les through join alf-insure (if ap s policies.	0181-0909 0181-0910 0181-0920 0181-0921 0 0181-0921 0 9 9 66,500 4 Excess/Um nt account bi plicable). By	\$167,00 \$88,00 \$56,00 \$1,621,60 \$7,875,30 brella Insurance llings. opting-out, I
Dn-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Dil/Gas Pipeline - Construction Water Pipeline - Construction TOTAL SUBTOTAL TOTAL WELL COST Insurance procured for the Joint Account by Operator Opt-in, I elect to be covered by Operator's Extra Expense, Commercial General Liabili Policies, and will pay my proportionate share of the premiums associated with these insurance organize I will be responsible for my own coverage and will not be afforded protection If neither box is checked above, non-operating working interest owner elects to be covered byOper Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator r conditions. Prepared by: Midland Date	surance rements under o erator's 'l reserves	coverag , or to se operator's nsurance the right to	\$4,091,200 \$11, al Liability, and les through join alf-insure (if ap s policies.	0181-0909 0181-0910 0181-0920 0181-0921 0 0181-0921 0 9 9 66,500 4 Excess/Um nt account bi plicable). By	\$167,000 \$88,000 \$56,000 \$1,621,60 \$7,875,30 brella Insurance llings. opting-out, I

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Sec. 7 Bik: Survey: TWP: 20S INTANGIBLE COSTS 0180 Regulatory Permits & Surveys 0 .ocation / Road / Site / Preparation 0 .ocation / Restoration 0 Daywork / Turnkey / Footage Drilling 30 days drig / 3 days comp @ \$28000/d 0 viel 1700 gal/day @ \$3.9/gal 0 Viernate Fuels 0 0 Aud Specialized 0 0 dowld - Sepcialized 0 0 dowld - Specialized 0 0 dwd Logging 0 0 Stimulation Rentals & Other 77 Stg 30.8 MM gal / 30.8 MM lb 0 Sitrulation Rentals & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 0 vigits Aur & Pumping Services 0 0 0 Sitrulation 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 0 0 Gaing Mobilization <th>nty: Eddy</th> <th>8E Prop. TVD \$20,000 \$75,000 \$200,000 \$200,000 \$200,000 \$200,000 \$212,400 \$40,000 \$350,000 \$40,000 \$15,000 \$15,000 \$15,000 \$106,800 \$106,800 \$150,000 \$150,000 \$12,000 \$12,000 \$12,000 \$148,100 \$150,000 \$148,100 \$10,000 \$196,100 \$196,100 \$196,100 \$196,100 \$19,000 \$110,000 \$1118,800 \$10,000 \$112,400</th> <th>CODE 0180-0200 0180-0205 0180-0210 0180-0210 0180-0211 0180-0212 0180-0220 0180-0221 0180-0223 0180-0223 0180-0223 0180-0230 0180-0241 0180-0242 0180-0244 0180-0245 0180-0245 0180-0248 0180-0250 0180-0250 0180-0254 0180-0255 0180-0256 0180-0256 0180-0256 0180-0265 0180-02665 0180-02670 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0288 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 01</th> <th>\$1,000 \$10,000 \$5,000 \$43,200 \$20,000</th>	nty: Eddy	8E Prop. TVD \$20,000 \$75,000 \$200,000 \$200,000 \$200,000 \$200,000 \$212,400 \$40,000 \$350,000 \$40,000 \$15,000 \$15,000 \$15,000 \$106,800 \$106,800 \$150,000 \$150,000 \$12,000 \$12,000 \$12,000 \$148,100 \$150,000 \$148,100 \$10,000 \$196,100 \$196,100 \$196,100 \$196,100 \$19,000 \$110,000 \$1118,800 \$10,000 \$112,400	CODE 0180-0200 0180-0205 0180-0210 0180-0210 0180-0211 0180-0212 0180-0220 0180-0221 0180-0223 0180-0223 0180-0223 0180-0230 0180-0241 0180-0242 0180-0244 0180-0245 0180-0245 0180-0248 0180-0250 0180-0250 0180-0254 0180-0255 0180-0256 0180-0256 0180-0256 0180-0265 0180-02665 0180-02670 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0288 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 01	\$1,000 \$10,000 \$5,000 \$43,200 \$20,000
Sec. 7 Bik: Survey: TWP: 205 INTANGIBLE COSTS 0180 Regulatory Permits & Surveys ocation / Road / Site / Preparation 0 occation / Restoration 0 Dawork / Turnkey / Footage Drilling 30 days drig / 3 days comp @ \$28000/d 0 Uternate Fuels 0 0 Aud Specialized 0 0 dot, Chemical & Additives 0 0 Aud Specialized 0 0 dot.dc - Specialized 0 0 dotzontal Drillout Services 0 0 add Logging 0 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb 0 0	RNG: 24 2000E 180-0100 180-0105 180-0105 180-0105 180-0105 180-0125 180-0125 180-0125 180-0125 180-0125 180-0134 180-0134 180-0134 180-0145 0180-0145 0180-0145 0180-0145 0180-0150 0180-0164 0180-0164 0180-0165 0180-0164 0180-0164 0180-0150 0180-0164 0180-0150 0180-0164 0180-0164 0180-0164 0180-0155 0180-0164 0180-0170 0180-0170 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0180 0180-0190 01	8E Prop. TVD \$20,000 \$75,000 \$200,000 \$200,000 \$200,000 \$200,000 \$212,400 \$40,000 \$350,000 \$40,000 \$15,000 \$15,000 \$15,000 \$106,800 \$106,800 \$150,000 \$150,000 \$12,000 \$12,000 \$12,000 \$148,100 \$150,000 \$148,100 \$10,000 \$196,100 \$196,100 \$196,100 \$196,100 \$19,000 \$110,000 \$1118,800 \$10,000 \$112,400	CODE 0180-0200 0180-0205 0180-0210 0180-0210 0180-0211 0180-0212 0180-0220 0180-0221 0180-0223 0180-0223 0180-0223 0180-0230 0180-0241 0180-0242 0180-0244 0180-0245 0180-0245 0180-0248 0180-0250 0180-0250 0180-0254 0180-0255 0180-0256 0180-0256 0180-0256 0180-0265 0180-02665 0180-02670 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0288 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 01	TMD: 24550 CC \$35,000 \$80,000 \$89,700 \$103,000 \$103,000 \$103,000 \$185,000 \$29,000 \$29,000 \$29,000 \$29,000 \$29,000 \$320,000 \$33,212,000 \$33,212,000 \$360,000 \$33,212,000 \$360,000 \$360,000 \$3,212,000 \$360,000 \$10,500 \$10,500 \$10,500 \$16,500 \$16,500 \$16,500 \$120,000 \$120,000 \$120,000 \$10,0
INTANGIBLE COSTS 0180 Regulatory Permits & Surveys 0 o.ccation / Road / Site / Preparation 0 Daywork / Turnkey / Footage Drilling 30 days drig / 3 days comp @ \$28000/d 0 Daywork / Turnkey / Footage Drilling 30 days drig / 3 days comp @ \$28000/d 0 Uel 1700 gal/day @ \$3.9/gal 0 Viternate Fuels 0 0 Aud Specialized 0 0 doi:2ontal Drillout Services 0 0 Disging & Wireline Services 0 0 Aud Logging 0 0 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb 0 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM way (\$0.0 0 0 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM way (\$0.0 0 0 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM way (\$0.0 0 0 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM way (\$0.0 0 0 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM way (\$0.0 0 0 0 Stimulation 77 St	CODE 180-0100 180-0105 180-0106 180-0114 180-0115 180-0120 180-0121 180-0121 180-0125 180-0130 180-0134 180-0134 180-0137 180-0145 180-0145 180-0158 0180-0158 0180-0164 0180-0158 0180-0168 0180-0168 0180-0170 0180-0185 0180-0188 0180-0188 0180-0188 0180-0190 0180-0190 0180-0190 0180-0195 0180-0190 0180-0195 0180-0190 0180-0190 0180-0195 0180-0190 0180-0195 0180-01	TCP \$20,000 \$75,000 \$200,000 \$200,000 \$200,000 \$200,000 \$212,400 \$40,000 \$350,000 \$350,000 \$15,000 \$15,000 \$15,000 \$106,800 \$106,800 \$106,800 \$10,000 \$115,000 \$12,000 \$14,000 \$148,100 \$196,100 \$196,100 \$196,100 \$196,100 \$196,100 \$196,100 \$196,100 \$196,100 \$10,000 \$118,800 \$10,000 \$1118,800 \$10,000 \$112,400	CODE 0180-0200 0180-0205 0180-0210 0180-0210 0180-0211 0180-0212 0180-0220 0180-0221 0180-0223 0180-0223 0180-0223 0180-0230 0180-0241 0180-0242 0180-0244 0180-0245 0180-0245 0180-0248 0180-0250 0180-0250 0180-0254 0180-0255 0180-0256 0180-0256 0180-0256 0180-0265 0180-02665 0180-02670 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0268 0180-0288 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 0180-0284 01	CC \$35,000 \$80,000 \$89,700 \$103,000 \$103,000 \$185,000 \$29,000 \$29,000 \$29,000 \$29,000 \$20,000 \$30,000 \$33,212,000 \$33,212,000 \$320,000 \$360,000 \$320,000 \$360,000 \$10,000 \$16,500 \$16,500 \$16,500 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$10,0000 \$10,0000 \$10,0000 \$10,0000
egulatory Permits & Surveys 0 ocation / Read / Site / Preparation 0 ocation / Restoration 0 aywork / Turnkey / Footage Drilling 30 days drig / 3 days comp @ \$28000/d 0 uel 1700 gal/day @ \$3.9/gal 0 tternate Fuels 0 0 ud, Chemical & Additives 0 0 lud, Specialized 0 0 orizontal Drillout Services 0 0 imulation Toe Preparation 0 0 ementing 0 0 0 ogging & Wireline Services 0 0 0 timulation 77 Stg 30.8 MM gal / 30.8 MM lb 0 0 timulation 77 Stg 30.8 MM gal / 30.8 MM lb 0 0 timulation Rentals & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 0 its 0 sspection & Repair Services 0 osting & Flowback Services 0 0 0 ompletion / Workover Rig 0 0 0 tig Mobilization 0	180-0100 180-0105 180-0106 180-0110 180-0114 180-0115 180-0120 180-0121 180-0125 180-0125 180-0137 180-0134 180-0137 180-0137 180-0145 180-0148 180-0158 180-0164 180-0165 180-0165 180-0168 0180-0168 0180-0168 0180-0175 0180-0188 0180-0188 0180-0185 0180-0188 0180-0185 0180-0195 0180-0195 0180-0195 0180-0195 0180-0195 0180-0195 0180-0195	\$20,000 \$75,000 \$200,000 \$897,100 \$212,400 \$350,000 \$350,000 \$350,000 \$15,000 \$15,000 \$15,000 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$10,000 \$115,000 \$10,000 \$196,100 \$196,100 \$196,100 \$196,100 \$196,100 \$196,100 \$1188,100 \$10,000 \$1118,800 \$1118,800 \$1118,800 \$112,400	0180-0200 0180-0205 0180-0216 0180-0214 0180-0215 0180-0220 0180-0220 0180-0221 0180-0223 0180-0223 0180-0233 0180-0234 0180-0244 0180-0244 0180-0244 0180-0245 0180-0248 0180-0250 0180-0255 0180-0256 0180-0265 0180-0265 0180-0265 0180-0265 0180-0270 0180-0288 0180-0288 0180-0288 0180-0288 0180-0289 0180-0290 0180-0290 0180-0295 0180-0295 0180-0295 0180-0295 0180-0295 0180-0295 0180-0295 0180-0295 0180-0295	\$35,000 \$80,000 \$103,000 \$103,000 \$103,000 \$185,000 \$29,000 \$29,000 \$29,000 \$20,000 \$30,000 \$33,212,000 \$33,212,000 \$33,212,000 \$360,000 \$360,000 \$360,000 \$10,000 \$10,500 \$16,500 \$16,500 \$120,000 \$10,0000\$100 \$10,000\$1000\$1
cation / Road / Site / Preparation 0' cation / Restoration 0' aywork / Turnkey / Footage Drilling 30 days drig / 3 days comp @ \$28000/d 0' uel 1700 gal/day @ \$3.9/gal 0' ternate Fuels 0' ud, Chemical & Additives 0' ud, Chemical & Additives 0' ud, Chemical & Additives 0' ud, Specialized 0' orizontal Drillout Services 0' timulation Toe Preparation 0' ementing 0' ogging & Wireline Services 0' udoging 0' timulation Toe Preparation 0' timulation Rentals & Other 0' /ater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.0' its 0' spection & Repair Services 0' tis 0' orneptetion / Workover Rig 0' tig Mobilization 0' ransportation 0' Velding, Construction & Maint. Services 0' outract Services & Supervision 0' Ortectonal Services & Supervision 0'	180-0105 180-0106 180-0110 180-0115 180-0120 180-0121 180-0125 180-0125 180-0137 180-0134 180-0134 180-0137 180-0145 180-0148 180-0158 180-0158 180-0164 180-0165 180-0165 0180-0165 0180-0168 0180-0168 0180-0189 0180-0189 0180-0189 0180-0189 0180-0199 0180-0199 0180-0199 0180-0199	\$75,000 \$200,000 \$897,100 \$212,400 \$350,000 \$350,000 \$15,000 \$15,000 \$15,000 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$10,000 \$1188,100 \$10,000 \$196,100 \$196,100 \$196,100 \$196,100 \$1188,100 \$10,000 \$1118,800 \$1118,800 \$1118,800 \$1118,800	0180-0205 0180-0206 0180-0210 0180-0214 0180-0215 0180-0220 0180-0221 0180-0223 0180-0223 0180-0230 0180-0234 0180-0244 0180-0244 0180-0245 0180-0245 0180-0250 0180-0258 0180-0256 0180-0265 0180-0265 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 0180-0290 0180-0290 0180-0295 0180-0295 0180-0295	\$80,000 \$89,700 \$103,000 \$185,000 \$29,000 \$29,000 \$20,000 \$30,000 \$33,212,000 \$320,000 \$360,000 \$360,000 \$360,000 \$10,000 \$10,500 \$16,500 \$16,500 \$120,000 \$10,0000\$100 \$10,000\$1000\$1
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aywork / Turnkey / Footage Drilling 30 days drig / 3 days comp @ \$28000/d 0 uel 1700 gal/day @ \$3.9/gal 0 Iternate Fuels 0 Ud, Chemical & Additives 0 Iud, Chemical & Additives 0 Iud, Specialized 0 orizontal Drillout Services 0 imulation Toe Preparation 0 ementing 0 ogging & Wireline Services 0 dasing / Tubing / Snubbing Services 0 fundLation Rentals & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.50 vits 0 spection & Repair Services 0 otig Mobilization 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.50 vits 0 specton & Repair Services 0 of gig Mobilization 0 vita & Pumping Services 0 orangetion / Workover Rig 0 viteding, Constructon & Maint. Services 0 orangetion / Workover Rig 0 viteding, Constructon & Maint. Services 0 otamages 0	180-0110 180-0114 180-0115 180-0120 180-0121 180-0125 180-0125 180-0137 180-0134 180-0137 180-0137 180-0145 180-0145 180-0158 0180-0164 0180-0165 0180-0168 0180-0168 0180-0168 0180-0185 0180-0185 0180-0188 0180-0185 0180-0185 0180-0195 0180-0195 0180-0195 0180-0195 0180-0195 0180-0195 0180-0195	\$897,100 \$212,400 \$350,000 \$350,000 \$350,000 \$15,000 \$15,000 \$15,000 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,000 \$146,000 \$188,100 \$196,100 \$196,100 \$196,100 \$196,100 \$196,100 \$10,000 \$1118,800 \$1118,800 \$112,400	0180-0210 0180-0214 0180-0215 0180-0220 0180-0222 0180-0223 0180-0223 0180-0230 0180-0234 0180-0244 0180-0244 0180-0245 0180-0245 0180-0250 0180-0258 0180-0255 0180-0265 0180-0265 0180-0265 0180-0265 0180-0268 0180-0270 0180-0288 0180-0288 0180-0288 0180-0290 0180-0292 0180-0295 0180-0295 0180-0295	\$89,700 \$103,000 \$103,000 \$185,000 \$29,000 \$29,000 \$20,000 \$30,000 \$33,212,000 \$320,000 \$320,000 \$360,000 \$360,000 \$10,000 \$10,000 \$16,500 \$16,500 \$16,500 \$120,000 \$10,000 \$10,000 \$120,000 \$10,
uel 1700 gal/day @ \$3.9/gal 0° Iternate Fuels 0° tud, Chemical & Additives 0° tud - Specialized 0° torizontal Drillout Services 0° timulation Toe Preparation 0° eementing 0° ogging & Wireline Services 0° timulation Toe Preparation 0° timulation Toe Preparation 0° timulation Toe Preparation 0° timulation Rentals & Other 0° Vater & Other 77 Stg 30.8 MM gal / 30.8 MM lb timulation Rentals & Other 0° Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.9 itiss 0 nspection & Repair Services 0 tisc. Air & Pumping Services 0 tig Mobilization 0 ransportation 0 Velding, Construction & Maint. Services 0 Outract Services & Supervision 0 Ortectional Services 0 iguipment Rental 0 Vell / Lease Insurance 0	180-0115 180-0120 180-0121 180-0125 180-0130 180-0134 180-0137 180-0137 180-0145 180-0145 180-0150 180-0154 180-0155 180-0164 180-0165 0180-0165 0180-0175 0180-0175 0180-0180 0180-0185 0180-0185 0180-0188 0180-0190 0180-0192 0180-0195 0180-0195 0180-0196 0180-0195	\$40,000 \$350,000 \$350,000 \$34,000 \$15,000 \$15,000 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$10,000 \$188,100 \$10,000 \$196,100 \$5,000 \$196,100 \$196,100 \$196,100 \$196,100 \$118,800 \$1118,800 \$1118,800 \$112,400	0180-0215 0180-0220 0180-0222 0180-0223 0180-0223 0180-0230 0180-0230 0180-0234 0180-0244 0180-0244 0180-0245 0180-0245 0180-0250 0180-0258 0180-0258 0180-0265 0180-0265 0180-0268 0180-0270 0180-0288 0180-0288 0180-0288 0180-0289 0180-0290 0180-0292 0180-0295 0180-0295	\$103,000 \$185,000 \$29,000 \$29,000 \$200,000 \$30,000 \$33,212,000 \$320,000 \$360,000 \$360,000 \$360,000 \$10,000 \$10,500 \$16,500 \$16,500 \$120,000 \$120,000 \$120,000 \$10,000\$10,000 \$10,000\$1000\$1
tud, Chemical & Additives 0 tud, Specialized 0 torizontal Drillout Services 0 timulation Toe Preparation 0 cementing 0 ogging & Wireline Services 0 timulation Toe Preparation 0 timulation Rentals & Other 0 vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 tits 0 specialized 0 specialized 0 vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 tits 0 spection & Repair Services 0 ofesting & Flowback Services 0 completion / Workover Rig 0 tig Mobilization 0 ransportation 0 Veld / Lease Legal 0 Vell / Lease Legal 0 Vell / Lease Insurance 0 thangible Supplies 0 Darmages 0 Contract Fixed Rate 0 Contract Services 5% (TCP) Sorepany Super	180-0120 180-0121 180-0125 180-0130 180-0134 180-0137 180-0137 180-0145 180-0145 180-0150 180-0154 180-0155 180-0164 180-0165 0180-0165 0180-0175 0180-0175 0180-0180 0180-0185 0180-0185 0180-0188 0180-0190 0180-0195 0180-0195 0180-0195 0180-0196 0180-0196	\$350,000 \$34,000 \$15,000 \$15,000 \$15,000 \$106,800 \$50,000 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$10,000 \$140,000 \$196,100 \$5,000 \$196,100 \$5,000 \$196,100 \$196,100 \$10,000 \$1118,800 \$1118,800 \$1112,400	0180-0220 0180-0221 0180-0222 0180-0223 0180-0230 0180-0230 0180-0234 0180-0244 0180-0244 0180-0245 0180-0245 0180-0250 0180-0250 0180-0255 0180-0255 0180-0265 0180-0265 0180-0265 0180-0270 0180-0288 0180-0288 0180-0288 0180-0289 0180-0290 0180-0292 0180-0295 0180-0295	\$429,000 \$29,000 \$200,000 \$463,000 \$330,000 \$33,212,000 \$320,000 \$360,000 \$360,000 \$10,000 \$10,000 \$16,500 \$16,500 \$16,500 \$120,000 \$120,000 \$10,0000\$100 \$10,000\$1000\$1
fud - Specialized 0 torizontal Drillout Services 0 ementing 0 ogging & Wireline Services 0 Aud Logging 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb Stimulation Rentals & Other 0 Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Stimulation Rentals & Other 0 Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Stimulation Rentals & Other 0 Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Stimulation Rentals & Other 0 Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Stimulation Rentals & Other 0 Velf & Flowback Services 0 Completion / Workover Rig 0 Nothilization 0 Orract Services & Supervision 0 Directional Services 0 Vell / Lease Legal 0 Vell / Lease Insurance 0 Nell / Lease Insurance 0 Operates 5% (TCP) 5% (CC)	180-0121 180-0125 180-0130 180-0134 180-0137 180-0137 180-0145 180-0145 180-0150 180-0154 180-0158 0180-0164 0180-0165 0180-0168 0180-0175 0180-0180 0180-0185 0180-0185 0180-0185 0180-0185 0180-0185 0180-0185 0180-0190 0180-0195 0180-0195 0180-0195 0180-0196 0180-0196	\$350,000 \$34,000 \$15,000 \$15,000 \$15,000 \$106,800 \$50,000 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$10,000 \$140,000 \$196,100 \$5,000 \$196,100 \$5,000 \$196,100 \$196,100 \$10,000 \$1118,800 \$1118,800 \$1112,400	0180-0221 0180-0222 0180-0223 0180-0230 0180-0230 0180-0234 0180-0241 0180-0242 0180-0245 0180-0248 0180-0250 0180-0250 0180-0250 0180-0255 0180-0265 0180-0265 0180-0265 0180-0270 0180-0288 0180-0288 0180-0288 0180-0289 0180-0290 0180-0292 0180-0295 0180-0295 0180-0295	\$29,000 \$200,000 \$463,000 \$30,000 \$32,212,000 \$320,000 \$360,000 \$10,000 \$10,000 \$10,500 \$16,500 \$16,500 \$16,500 \$120,000 \$120,000 \$10,0000\$1000\$1
torizontal Drillout Services titmulation Toe Preparation Cementing ogging & Wireline Services Aud Logging titmulation 77 Stg 30.8 MM gal / 30.8 MM lb titmulation 77 Stg 30.8 MM gal / 30.8 MM lb titmulation 77 Stg 30.8 MM gal / 30.8 MM lb titmulation 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.9 titmulation Rentals & Other Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.9 titmulation Rentals & Other Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.9 titmulation Rentals & Other Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.9 titmulation Rentals & Other Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.9 titmulation Rentals & Other 0 Tanspection & Repair Services 0 Completion / Workover Rig 10 Completion / Workover Rig 10 Contract Services & Supervision 0 Velding, Construction & Maint, Services 0 Contract Services & Supervision 0 Vell / Lease Legal 0 Vell / Lease Legal 0 Vell / Lease Legal 0 Vell / Lease Insurance 0 Company Supervision 0 Company Supervision 0 Contingencies 5% (TCP) 5% (CC) 0 TOTAL TANGIBLE COSTS 0181 Casing (19.1" – 30") Casing (6.1" – 10.0") 250' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft Casing (6.1" – 8.0") 8 Company Supervision Casing (6.1" – 8.0") 8 Casing (6.1" – 18.0") 8 Casing (6.1" – 8.0") 8 Casing (1180-0125 180-0130 180-0134 180-0137 180-0145 180-0145 180-0148 180-0150 180-0154 180-0158 0180-0164 0180-0165 0180-0168 0180-0168 0180-0175 0180-0180 0180-0185 0180-0185 0180-0185 0180-0195 0180-0199 0180-0199 0180-0199	\$60,000 \$34,000 \$15,000 \$15,000 \$15,000 \$106,800 \$106,800 \$106,800 \$12,000 \$12,000 \$14,000 \$188,100 \$4,000 \$188,100 \$600,000 \$196,100 \$5,000 \$196,100 \$5,000 \$196,100 \$10,000 \$1118,800 \$1118,800 \$112,400	0180-0222 0180-0223 0180-0230 0180-0230 0180-0234 0180-0244 0180-0242 0180-0245 0180-0245 0180-0250 0180-0250 0180-0250 0180-0250 0180-0265 0180-0265 0180-0265 0180-0270 0180-0288 0180-0288 0180-0288 0180-0285 0180-0290 0180-0292 0180-0295 0180-0295	\$29,000 \$200,000 \$463,000 \$30,000 \$32,212,000 \$320,000 \$360,000 \$10,000 \$10,000 \$10,500 \$16,500 \$16,500 \$16,500 \$120,000 \$120,000 \$10,0000\$1000\$1
timulation Toe Preparation 0 Dementing 0 asing / Tubing Services 0 Add Logging 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb Stimulation Rentals & Other 0 Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Stimulation Rentals & Other 0 Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Stis 0 nspection & Repair Services 0 Alisc. Air & Pumping Services 0 Orangletion / Workover Rig 0 Rig Mobilization 0 ransportation 0 Velding, Construction & Maint. Services 0 Directional Services 1 Outract Services & Supervision 0 Directional Services 1 Vell / Lease Legal 0 Outract Services 0 Damages 0 Outract Services	180-0130 180-0134 180-0137 180-0145 180-0145 180-0150 180-0150 180-0158 0180-0158 0180-0164 0180-0165 0180-0168 0180-0175 0180-0180 0180-0185 0180-0185 0180-0185 0180-0188 0180-0190 0180-0192 0180-0199 0180-0199	\$34,000 \$15,000 \$15,000 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$12,000 \$150,000 \$150,000 \$150,000 \$188,100 \$600,000 \$188,100 \$6,400 \$5,000 \$196,100 \$5,000 \$196,100 \$19,000 \$118,800 \$1118,800 \$10,000 \$1172,400	0180-0223 0180-0230 0180-0234 0180-0234 0180-0244 0180-0242 0180-0245 0180-0245 0180-0248 0180-0250 0180-0250 0180-0250 0180-0265 0180-0265 0180-0265 0180-0268 0180-0270 0180-0288 0180-0288 0180-0288 0180-0290 0180-0292 0180-0295 0180-0295	\$200,000 \$463,000 \$30,000 \$32,212,000 \$320,000 \$360,000 \$10,000 \$10,000 \$10,500 \$16,500 \$16,500 \$16,500 \$120,000 \$120,000 \$120,000 \$10,0000\$1000\$1
ogging & Wireline Services 0 casing / Tubing / Snubbing Services 0 Aud Logging 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb Stimulation Rentals & Other 0 Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Bits 0 nspection & Repair Services 0 Alisc. Air & Pumping Services 0 Completion / Workover Rig 0 Rig Mobilization 0 Transportation 0 Velding, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services 0 Quipment Rental 0 Well / Lease Legal 0 Vell / Lease Legal 0 Vell / Lease Legal 0 Damages 0 Dipeline Interconnect, ROW Easements 0 Company Supervision 0 Diverhead Fixed Rate 0 Contingencies 5% (TCP) 5% (CC) Contingencies 5% (TCP) 5% (CC) <	180-0130 180-0134 180-0137 180-0145 180-0145 180-0150 180-0150 180-0158 0180-0158 0180-0164 0180-0165 0180-0168 0180-0175 0180-0180 0180-0185 0180-0185 0180-0185 0180-0188 0180-0190 0180-0192 0180-0199 0180-0199	\$34,000 \$15,000 \$15,000 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$106,800 \$12,000 \$150,000 \$150,000 \$150,000 \$188,100 \$600,000 \$188,100 \$6,400 \$5,000 \$196,100 \$5,000 \$196,100 \$19,000 \$118,800 \$1118,800 \$10,000 \$1172,400	0180-0230 0180-0234 0180-0244 0180-0242 0180-0245 0180-0245 0180-0250 0180-0250 0180-0250 0180-0258 0180-0265 0180-0265 0180-0265 0180-0270 0180-0280 0180-0280 0180-0288 0180-0285 0180-0290 0180-0292 0180-0295 0180-0295	\$463,000 \$30,000 \$32,212,000 \$320,000 \$360,000 \$10,000 \$10,000 \$10,500 \$16,500 \$16,500 \$16,500 \$120,000 \$120,000 \$120,000 \$10,0000\$1000\$1
Casing / Tubing / Snubbing Services 0 Aud Logging 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb Stimulation Rentals & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Stimulation Rentals & Other 0 Nater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Stimulation Repair Services 0 Misc. Air & Pumping Services 0 Misc. Air & Pumping Services 0 Observices 0 Completion / Workover Rig 0 Rig Mobilization 0 Iransportation 0 Velding, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services Includes Vertical Control Guipment Rental 0 Well / Lease Legal 0 Well / Lease Insurance 0 Intangible Supplies 0 Damages 0 Ordingencies 5% (TCP) Struct 0 Casing (19.1" – 30") <td>180-0134 180-0137 180-0145 180-0148 180-0150 180-0154 180-0158 0180-0158 0180-0164 0180-0165 0180-0168 0180-0175 0180-0175 0180-0180 0180-0185 0180-0185 0180-0188 0180-0190 0180-0192 0180-0199 0180-0199</td> <td>\$15,000 \$15,000 \$15,000 \$106,800 \$50,000 \$106,800 \$106,800 \$12,000 \$150,000 \$150,000 \$150,000 \$188,100 \$600,000 \$188,100 \$6,000 \$196,100 \$5,000 \$196,100 \$5,000 \$196,100 \$19,000 \$1118,800 \$1118,800 \$112,400</td> <td>0180-0234 0180-0241 0180-0242 0180-0245 0180-0250 0180-0250 0180-0258 0180-0265 0180-0265 0180-0265 0180-0268 0180-0270 0180-0288 0180-0288 0180-0288 0180-0289 0180-0290 0180-0292 0180-0295 0180-0295 0180-0295</td> <td>\$30,000 \$3,212,000 \$320,000 \$360,000 \$10,000 \$10,000 \$10,500 \$10,500 \$16,500 \$16,500 \$120,000 \$120,000 \$1,000 \$10,000 \$10,000 \$10,000 \$20,000</td>	180-0134 180-0137 180-0145 180-0148 180-0150 180-0154 180-0158 0180-0158 0180-0164 0180-0165 0180-0168 0180-0175 0180-0175 0180-0180 0180-0185 0180-0185 0180-0188 0180-0190 0180-0192 0180-0199 0180-0199	\$15,000 \$15,000 \$15,000 \$106,800 \$50,000 \$106,800 \$106,800 \$12,000 \$150,000 \$150,000 \$150,000 \$188,100 \$600,000 \$188,100 \$6,000 \$196,100 \$5,000 \$196,100 \$5,000 \$196,100 \$19,000 \$1118,800 \$1118,800 \$112,400	0180-0234 0180-0241 0180-0242 0180-0245 0180-0250 0180-0250 0180-0258 0180-0265 0180-0265 0180-0265 0180-0268 0180-0270 0180-0288 0180-0288 0180-0288 0180-0289 0180-0290 0180-0292 0180-0295 0180-0295 0180-0295	\$30,000 \$3,212,000 \$320,000 \$360,000 \$10,000 \$10,000 \$10,500 \$10,500 \$16,500 \$16,500 \$120,000 \$120,000 \$1,000 \$10,000 \$10,000 \$10,000 \$20,000
Aud Logging 0 Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb Stimulation Rentals & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Vater & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 Sits 0 nspection & Repair Services 0 lisc. Air & Pumping Services 0 Sits Howback Services 0 Completion / Workover Rig 0 Rig Mobilization 0 Transportation 0 Nelding, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services Includes Vertical Control Equipment Rental 0 Nell / Lease Legal 0 Nell / Lease Insurance 0 ntangible Supplies 0 Damages 0 Operation 0 Company Supervision 0 Overhead Fixed Rate 0 Contingencies 5% (TCP) 5% (CC) Casing (19.1" – 30") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft 0 Casing (8.1" – 10.0") 2850' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft 0 <td>180-0137 180-0145 180-0148 180-0150 180-0154 180-0158 0180-0164 180-0165 0180-0165 0180-0168 0180-0175 0180-0180 0180-0180 0180-0185 0180-0188 0180-0198 0180-0192 0180-0195 0180-0199 0180-0199</td> <td>\$15,000 \$35,000 \$106,800 \$50,000 \$12,000 \$150,000 \$150,000 \$4,000 \$188,100 \$600,000 \$188,100 \$600,000 \$196,100 \$5,000 \$196,100 \$5,000 \$196,100 \$196,100 \$196,100 \$19,000 \$1118,800 \$1118,800 \$112,400</td> <td>0180-0241 0180-0242 0180-0245 0180-0248 0180-0250 0180-0250 0180-0258 0180-0265 0180-0265 0180-0265 0180-0268 0180-0270 0180-0280 0180-0288 0180-0285 0180-0288 0180-0290 0180-0292 0180-0295 0180-0295</td> <td>\$3,212,000 \$320,000 \$360,000 \$360,000 \$10,000 \$10,000 \$10,500 \$16,500 \$16,500 \$120,000 \$120,000 \$120,000 \$10,000 \$10,000 \$5,000 \$43,200 \$20,000</td>	180-0137 180-0145 180-0148 180-0150 180-0154 180-0158 0180-0164 180-0165 0180-0165 0180-0168 0180-0175 0180-0180 0180-0180 0180-0185 0180-0188 0180-0198 0180-0192 0180-0195 0180-0199 0180-0199	\$15,000 \$35,000 \$106,800 \$50,000 \$12,000 \$150,000 \$150,000 \$4,000 \$188,100 \$600,000 \$188,100 \$600,000 \$196,100 \$5,000 \$196,100 \$5,000 \$196,100 \$196,100 \$196,100 \$19,000 \$1118,800 \$1118,800 \$112,400	0180-0241 0180-0242 0180-0245 0180-0248 0180-0250 0180-0250 0180-0258 0180-0265 0180-0265 0180-0265 0180-0268 0180-0270 0180-0280 0180-0288 0180-0285 0180-0288 0180-0290 0180-0292 0180-0295 0180-0295	\$3,212,000 \$320,000 \$360,000 \$360,000 \$10,000 \$10,000 \$10,500 \$16,500 \$16,500 \$120,000 \$120,000 \$120,000 \$10,000 \$10,000 \$5,000 \$43,200 \$20,000
Stimulation 77 Stg 30.8 MM gal / 30.8 MM lb Stimulation Rentals & Other Nater & Other Water & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0.5 O 0 Inspection & Repair Services 0 Wisc. Air & Pumping Services 0 Pesting & Flowback Services 0 Completion / Workover Rig 0 Rig Mobilization 0 Transportation 0 Weld/ing, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services & Includes Vertical Control 0 Equipment Rental 0 Well / Lease Legal 0 Well / Lease Insurance 0 Intangible Supplies 0 Damages 0 Pipeline Interconnect, ROW Easements 0 Company Supervision 0 Overhead Fixed Rate 0 Contingencies 5% (TCP) 5% (CC) TANGIBLE COSTS 0181 0 Casing (19.1" – 30") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft 0 Casing (6.1" – 19.0") 450' - 13 3/8" 54.5# J-55 LT&C @ \$28.85/ft<	0180-0145 1180-0148 1180-0150 1180-0154 1180-0158 0180-0164 0180-0165 0180-0165 0180-0175 0180-0175 0180-0175 0180-0185 0180-0185 0180-0188 0180-0190 0180-0192 0180-0195 0180-0199	\$35,000 \$106,800 \$50,000 \$12,000 \$150,000 \$330,000 \$4,000 \$188,100 \$600,000 \$196,100 \$5,000 \$196,100 \$5,000 \$196,100 \$196,100 \$196,100 \$196,100 \$196,100 \$196,100 \$10,000 \$1118,800 \$1118,800 \$1172,400	0180-0241 0180-0242 0180-0245 0180-0250 0180-0250 0180-0258 0180-0258 0180-0265 0180-0265 0180-0265 0180-0268 0180-0270 0180-0280 0180-0288 0180-0288 0180-0288 0180-0290 0180-0292 0180-0295 0180-0295	\$320,000 \$360,000 \$10,000 \$10,000 \$10,500 \$10,500 \$16,500 \$16,500 \$120,000 \$120,000 \$120,000 \$10,000 \$10,000 \$5,000 \$43,200 \$20,000
Water & Other 70% PW @ \$0.25/bbl f/ PWMS, 30% BW @ \$0. 0 Bits 0 nspection & Repair Services 0 Wisc. Air & Pumping Services 0 Completion / Workover Rig 0 Rig Mobilization 0 Transportation 0 Welding, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services 1ncludes Vertical Control Quipment Rental 0 Well / Lease Legal 0 Well / Lease Insurance 0 Intangible Supplies 0 Damages 0 Pipeline Interconnect, ROW Easements 0 Company Supervision 0 Overhead Fixed Rate 0 Contingencies 5% (TCP) 5% (CC) TANGIBLE COSTS 0181 0 Casing (19.1" – 30") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft 0 Casing (8.1" – 10.0") 2850' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft 0 Casing (6.1" – 8.0") 8500' - 7" 29# HPP110 BT&C @ \$34.18/ft 0 <td>1180-0148 1180-0150 1180-0154 1180-0158 0180-0164 0180-0165 0180-0165 0180-0168 0180-0175 0180-0175 0180-0185 0180-0185 0180-0198 0180-0192 0180-0195 0180-0199 0180-0199</td> <td>\$106,800 \$50,000 \$12,000 \$150,000 \$30,000 \$4,000 \$188,100 \$600,000 \$196,100 \$5,000 \$6,400 \$7,000 \$10,000 \$1118,800 \$1118,800 \$10,000</td> <td>0180-0245 0180-0248 0180-0250 0180-0250 0180-0258 0180-0265 0180-0265 0180-0265 0180-0268 0180-0270 0180-0280 0180-0285 0180-0288 0180-0288 0180-0290 0180-0292 0180-0295 0180-0295</td> <td>\$360,000 \$5,000 \$10,000 \$24,000 \$10,500 \$16,500 \$80,000 \$120,000 \$120,000 \$120,000 \$10,000 \$5,000 \$43,200 \$20,000</td>	1180-0148 1180-0150 1180-0154 1180-0158 0180-0164 0180-0165 0180-0165 0180-0168 0180-0175 0180-0175 0180-0185 0180-0185 0180-0198 0180-0192 0180-0195 0180-0199 0180-0199	\$106,800 \$50,000 \$12,000 \$150,000 \$30,000 \$4,000 \$188,100 \$600,000 \$196,100 \$5,000 \$6,400 \$7,000 \$10,000 \$1118,800 \$1118,800 \$10,000	0180-0245 0180-0248 0180-0250 0180-0250 0180-0258 0180-0265 0180-0265 0180-0265 0180-0268 0180-0270 0180-0280 0180-0285 0180-0288 0180-0288 0180-0290 0180-0292 0180-0295 0180-0295	\$360,000 \$5,000 \$10,000 \$24,000 \$10,500 \$16,500 \$80,000 \$120,000 \$120,000 \$120,000 \$10,000 \$5,000 \$43,200 \$20,000
Bits 0 nspection & Repair Services 0 Wisc. Air & Pumping Services 0 Testing & Flowback Services 0 Completion / Workover Rig 0 Rig Mobilization 0 Transportation 0 Welding, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services Includes Vertical Control Ourent Rental 0 Well / Lease Insurance 0 Intangible Supplies 0 Damages 0 Pipeline Interconnect, ROW Easements 0 Company Supervision 0 Overhead Fixed Rate 0 Contingencies 5% (TCP) 5% (CC) TOTAL TOTAL TANGIBLE COSTS 0181 0 Casing (19.1" – 30") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft 0 Casing (8.1" – 10.0") 2850' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft 0 Casing (6.1" – 8.0") 8500' - 7" 29# HPP110 BT&C @ \$34.18/ft 0	1180-0148 1180-0150 1180-0154 1180-0158 0180-0164 0180-0165 0180-0165 0180-0168 0180-0175 0180-0175 0180-0185 0180-0185 0180-0198 0180-0192 0180-0195 0180-0199 0180-0199	\$106,800 \$50,000 \$12,000 \$150,000 \$30,000 \$4,000 \$188,100 \$600,000 \$196,100 \$5,000 \$6,400 \$7,000 \$10,000 \$1118,800 \$1118,800 \$10,000	0180-0248 0180-0250 0180-0254 0180-0258 0180-0260 0180-0265 0180-0265 0180-0268 0180-0270 0180-0280 0180-0280 0180-0285 0180-0288 0180-0290 0180-0292 0180-0295 0180-0295	\$5,000 \$10,000 \$24,000 \$10,500 \$10,500 \$16,500 \$80,000 \$120,000 \$120,000 \$120,000 \$10,000 \$5,000 \$43,200 \$20,000
nspection & Repair Services 0 Misc. Air & Pumping Services 0 Testing & Flowback Services 0 Completion / Workover Rig 0 Rig Mobilization 0 Transportation 0 Welding, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services Includes Vertical Control Quipment Rental 0 Well / Lease Legal 0 Well / Lease Insurance 0 Intangible Supplies 0 Damages 0 Pipeline Interconnect, ROW Easements 0 Company Supervision 0 Overhead Fixed Rate 0 Contingencies 5% (TCP) 5% (CC) TOTAL TANGIBLE COSTS 0181 0 Casing (19.1" – 30") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft 0 Casing (8.1" – 10.0") 2850' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft 0 Casing (6.1" – 8.0") 8500' - 7" 29# HPP110 BT&C @ \$34.18/ft 0	1180-0150 1180-0154 1180-0158 1180-0165 1180-0165 1180-0165 1180-0168 1180-0175 1180-0175 1180-0185 1180-0188 1180-0190 1180-0192 1180-0195 1180-0199 1180-0199	\$50,000 \$12,000 \$150,000 \$30,000 \$188,100 \$600,000 \$196,100 \$5,000 \$6,400 \$7,000 \$10,000 \$1118,800 \$1118,800 \$1172,400	0180-0250 0180-0254 0180-0258 0180-0260 0180-0265 0180-0265 0180-0268 0180-0270 0180-0280 0180-0280 0180-0285 0180-0288 0180-0290 0180-0292 0180-0295 0180-0295	\$10,000 \$24,000 \$10,500 \$75,000 \$16,500 \$80,000 \$120,000 \$120,000 \$1,000 \$10,000 \$5,000 \$43,200 \$20,000
Misc. Air & Pumping Services 0 Testing & Flowback Services 0 Completion / Workover Rig 0 Rig Mobilization 0 Transportation 0 Welding, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services Includes Vertical Control Quipment Rental 0 Well / Lease Legal 0 Well / Lease Insurance 0 Intangible Supplies 0 Damages 0 Pipeline Interconnect, ROW Easements 0 Company Supervision 0 Overhead Fixed Rate 0 Contingencies 5% (TCP) TANGIBLE COSTS 0181 0 Casing (19.1" – 30") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft Casing (8.1" – 10.0") 2850' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft Casing (6.1" – 8.0") 8500' - 7" 29# HPP110 BT&C @ \$34.18/ft	1180-0154 1180-0158 1180-0158 1180-0165 1180-0165 1180-0168 0180-0170 0180-0175 0180-0185 0180-0185 0180-0188 0180-0198 0180-0199 0180-0199 0180-0199	\$12,000 \$150,000 \$30,000 \$188,100 \$600,000 \$196,100 \$5,000 \$6,400 \$7,000 \$110,000 \$1118,800 \$1118,800 \$112,400	0180-0254 0180-0258 0180-0260 0180-0265 0180-0265 0180-0268 0180-0270 0180-0280 0180-0280 0180-0285 0180-0285 0180-0290 0180-0292 0180-0295 0180-0295	\$10,000 \$24,000 \$10,500 \$75,000 \$16,500 \$80,000 \$120,000 \$120,000 \$1,000 \$10,000 \$5,000 \$43,200 \$20,000
Testing & Flowback Services 0 Completion / Workover Rig 0 Rig Mobilization 0 Transportation 0 Welding, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services Includes Vertical Control Equipment Rental 0 Well / Lease Legal 0 Well / Lease Insurance 0 Intangible Supplies 0 Damages 0 Pipeline Interconnect, ROW Easements 0 Contingencies 5% (TCP) 5% (CC) Contingencies 5% (TCP) 0 Cosing (19.1" – 30") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft 0 Casing (19.1" – 19.0") 450' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft 0 Casing (6.1" – 8.0") 8500' - 7" 29# HPP110 BT&C @ \$34.18/ft 0	0180-0164 0180-0165 0180-0168 0180-0170 0180-0175 0180-0180 0180-0185 0180-0185 0180-0188 0180-0198 0180-0190 0180-0199 0180-0199	\$150,000 \$30,000 \$4,000 \$188,100 \$600,000 \$196,100 \$5,000 \$6,400 \$7,000 \$10,000 \$1118,800 \$10,000 \$172,400	0180-0260 0180-0265 0180-0265 0180-0270 0180-0280 0180-0280 0180-0285 0180-0285 0180-0285 0180-0290 0180-0292 0180-0295 0180-0295	\$10,500 \$75,000 \$16,500 \$80,000 \$120,000 \$120,000 \$1,000 \$10,000 \$5,000 \$43,200 \$20,000
Rig Mobilization 0 Transportation 0 Welding, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services Includes Vertical Control 0 Equipment Rental 0 Well / Lease Legal 0 Well / Lease Insurance 0 Intangible Supplies 0 Damages 0 Pipeline Interconnect, ROW Easements 0 Company Supervision 0 Overhead Fixed Rate 0 Contingencies 5% (TCP) TANGIBLE COSTS 0181 0 Casing (19.1" – 30") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft Casing (10.1" – 19.0") 450' - 9 5/8" 36# J-55 ST&C @ \$47.92/ft Casing (8.1" – 10.0") 2850' - 9 5/8" 36# J-55 ST&C @ \$47.92/ft Casing (6.1" – 8.0") 8500' - 7" 29# HPP110 BT&C @ \$34.18/ft	180-0165 180-0168 180-0170 180-0175 0180-0180 0180-0185 0180-0185 0180-0188 0180-0198 0180-0192 0180-0195 0180-0199 0180-0199	\$30,000 \$4,000 \$188,100 \$600,000 \$196,100 \$5,000 \$6,400 \$7,000 \$10,000 \$1118,800 \$10,000 \$172,400	0180-0265 0180-0268 0180-0270 0180-0280 0180-0280 0180-0285 0180-0285 0180-0290 0180-0292 0180-0292 0180-0295 0180-0295	\$75,000 \$16,500 \$80,000 \$120,000 \$120,000 \$1,000 \$10,000 \$5,000 \$43,200 \$20,000
Transportation 0 Welding, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services Includes Vertical Control 0 Equipment Rental 0 Well / Lease Legal 0 Well / Lease Insurance 0 Intangible Supplies 0 Damages 0 Pipeline Interconnect, ROW Easements 0 Company Supervision 0 Overhead Fixed Rate 0 Contingencies 5% (TCP) 5% (CC) TOTAL TANGIBLE COSTS 0181 Casing (19.1" – 30") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft 0 Costing (8.1" – 10.0") 2850' - 9 5/8" 36# J-55 ST&C @ \$47.92/ft 0 Casing (8.1" – 10.0") 2850' - 9 5/8" 36# J-55 ST&C @ \$47.92/ft 0 Casing (6.1" – 8.0") 8500' - 7" 29# HPP110 BT&C @ \$34.18/ft 0	180-0165 180-0168 180-0170 180-0175 0180-0180 0180-0185 0180-0185 0180-0188 0180-0198 0180-0192 0180-0195 0180-0199 0180-0199	\$30,000 \$4,000 \$188,100 \$600,000 \$196,100 \$5,000 \$6,400 \$7,000 \$10,000 \$1118,800 \$10,000 \$172,400	0180-0265 0180-0268 0180-0270 0180-0280 0180-0280 0180-0285 0180-0285 0180-0290 0180-0292 0180-0295 0180-0295 0180-0295	\$16,500 \$80,000 \$120,000 \$120,000 \$1,000 \$10,000 \$5,000 \$43,200 \$20,000
Welding, Construction & Maint. Services 0 Contract Services & Supervision 0 Directional Services Includes Vertical Control 0 Equipment Rental 0 Well / Lease Legal 0 Well / Lease Insurance 0 Intangible Supplies 0 Damages 0 Pipeline Interconnect, ROW Easements 0 Company Supervision 0 Overhead Fixed Rate 0 Contingencies 5% (TCP) 5% (CC) TOTAL TANGIBLE COSTS 0181 Casing (19.1" – 30") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft 0 Casing (8.1" – 10.0") 2850' - 9 5/8" 36# J-55 ST&C @ \$28.85/ft 0 Casing (6.1" – 8.0") 8500' - 7" 29# HPP110 BT&C @ \$34.18/ft 0	180-0168 180-0170 180-0175 0180-0180 0180-0184 0180-0185 0180-0188 0180-0188 0180-0190 0180-0192 0180-0199 0180-0199	\$4,000 \$188,100 \$600,000 \$196,100 \$5,000 \$6,400 \$7,000 \$10,000 \$118,800 \$10,000 \$172,400	0180-0268 0180-0270 0180-0280 0180-0284 0180-0285 0180-0285 0180-0290 0180-0292 0180-0295 0180-0295 0180-0295	\$16,500 \$80,000 \$120,000 \$120,000 \$1,000 \$10,000 \$5,000 \$43,200 \$20,000
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Well / Lease Insurance 0 Intangible Supplies 0 Damages 0 Pipeline Interconnect, ROW Easements 0 Company Supervision 0 Overhead Fixed Rate 0 Contingencies 5% (TCP) 5% (CC) TOTAL TANGIBLE COSTS 0181 Casing (19.1" – 30") Casing (10.1" – 19.0") 450' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft Casing (8.1" – 10.0") 2850' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft Casing (6.1" – 8.0") 8500' - 7" 29# HPP110 BT&C @ \$34.18/ft	0180-0185 0180-0188 0180-0190 0180-0192 0180-0195 0180-0196 0180-0199	\$6,400 \$7,000 \$10,000 \$118,800 \$10,000 \$172,400	0180-0285 0180-0288 0180-0290 0180-0292 0180-0295 0180-0296	\$1,000 \$10,000 \$5,000 \$43,200 \$20,000
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Casing (6.1" - 8.0") 8500' - 7" 29# HPP110 BT&C @ \$34.18/ft 0	0181-0794 0181-0795	\$23,000 \$87,800		
	0181-0795	\$310,300		
		\$010,000	0181-0797	\$483,200
Tubing 8400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.75/ft			0181-0798	\$96,400
	0181-0860	\$50,000		¢20.00
Tubing Head & Upper Section Horizontal Completion Tools			0181-0870	
Subsurface Equip. & Artificial Lift			0181-0880	
Service Pumps (1/4) TP/CP/Circ pump			0181-0886	
Storage Tanks (1/4) (8)OT/(6)WT/(2)GB			0181-0890	
Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)TEST H SEP 500#/(2)V SEP 500#/(4)VHT/(0)HHT			0181-0892	
Automation Metering Equipment			0181-0898	
Oil/Gas Pipeline-Pipe/Valves&Misc			0181-0900	
Water Pipeline-Pipe/Valves & Misc			0181-0901	
On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction			0181-0906	
Cathodic Protection			0181-0907	
Electrical Installation			0181-0909	
Equipment Installation			0181-0910	
Oil/Gas Pipeline - Construction			0181-0920	
Water Pipeline - Construction			0181-0921	
TOTAL		\$471,10	1	\$1,621,60
SUBTOTAL		\$4,091,20		\$7,875,30
TOTAL WELL COST		\$11,	,966,500	
Insurance procured for the Joint Account by Operator Opt-in. I elect to be covered by Operator's Extra Expense, Commercial General Liability, Policies, and will pay my proportionate share of the premiums associated with these insur Opt-out. I elect to purchase my own policies for well control and other insurance requirer recognize I will be responsible for my own coverage and will not be afforded protection un If neither box is checked above, non-operating working interest owner elects to be covered by Operation	rance cove ments, or to nder operat ator's insurar	orages through join o self-insure (if ap tor's policies. Ince.	nt account bil plicable). By	lings. opting-out, I
Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator res conditions.	serves the rig	ght to adjust the rate	e due to a char	nge in market
Prepared by: Midland Date:	11/14/20	24		
Company Approval: Date:				
	-	The self-selfe	Ta Jalan Inte	
Joint Owner Interest: Amount: Signature:				

Summary of Communications Shark Week 12/10 Fed Com #626H Shark Week 12/10 Fed Com #628H All of Section 10, 11, and 12, <u>T20S, R27E</u> Eddy County, New Mexico

Estate of Edwin E. Merriman

1/25/2024: Mailed a Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Utilized Accurint, Enverus/Drilling Info, in house files, and Google searches in an effort to locate the below mentioned parties. Delivery receipts are attached in the pooling exhibits.

1

<u>11/19/2024</u>: Mailed Well Proposal and AFEs to the above listed party. Utilized Accurint, Enverus/Drilling Info, in house files, and Google searches in an effort to locate the below mentioned parties. Delivery receipts are attached in the pooling exhibits.

Mewbourne Oil Company Case No. 25215 Exhibit A-6

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

APPLICATION OF MEWBOURNE OIL COMPANY TO AMEND ORDER NO. R-23511, EDDY COUNTY, NEW MEXICO.

Case No. 25215 Order No. R-23511

SELF-AFFIRMED STATEMENT OF CHARLES CROSBY

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 Shark Week 12/10 Fed Com spacing unit.

4. **Exhibit B-2** is a subsea structure map for the top of the Wolfcamp formation that is representative of the targeted intervals. The contour intervals are 100' feet. The approximate wellbore paths for the Shark Week 12/10 Fed Com 622H and 624H wells ("Wells") are depicted by dashed lines. Existing producing wells in the targeted interval are represented by red lines. The map demonstrates the formation is gently dipping to the east/southeast 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. 25215 Exhibit B 5. Exhibit B-2 also identifies five 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 laydown 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.

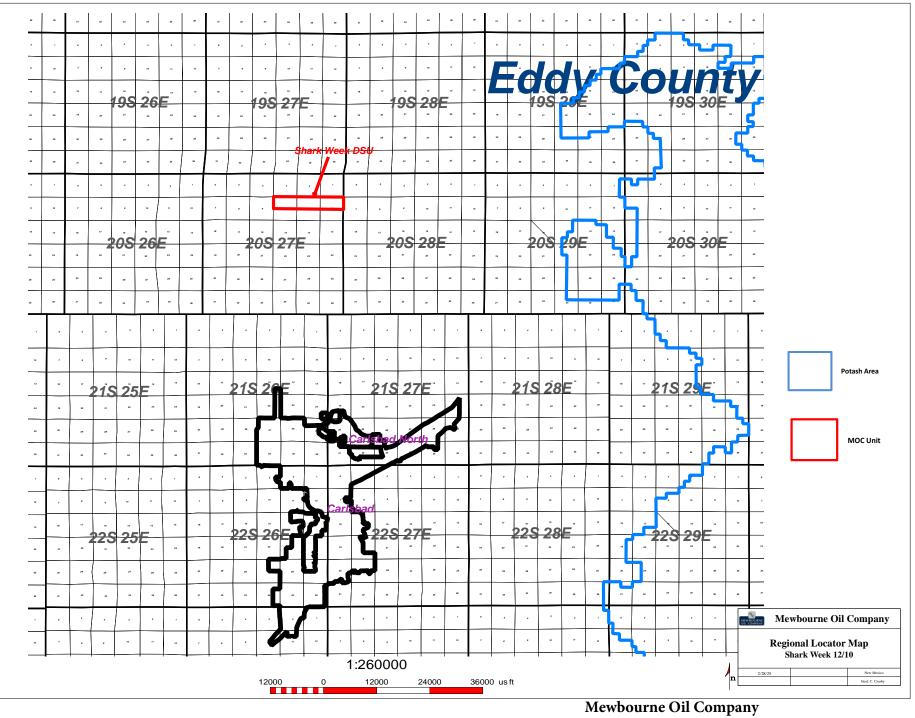
9. In my opinion, the granting of Mewbourne's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

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.

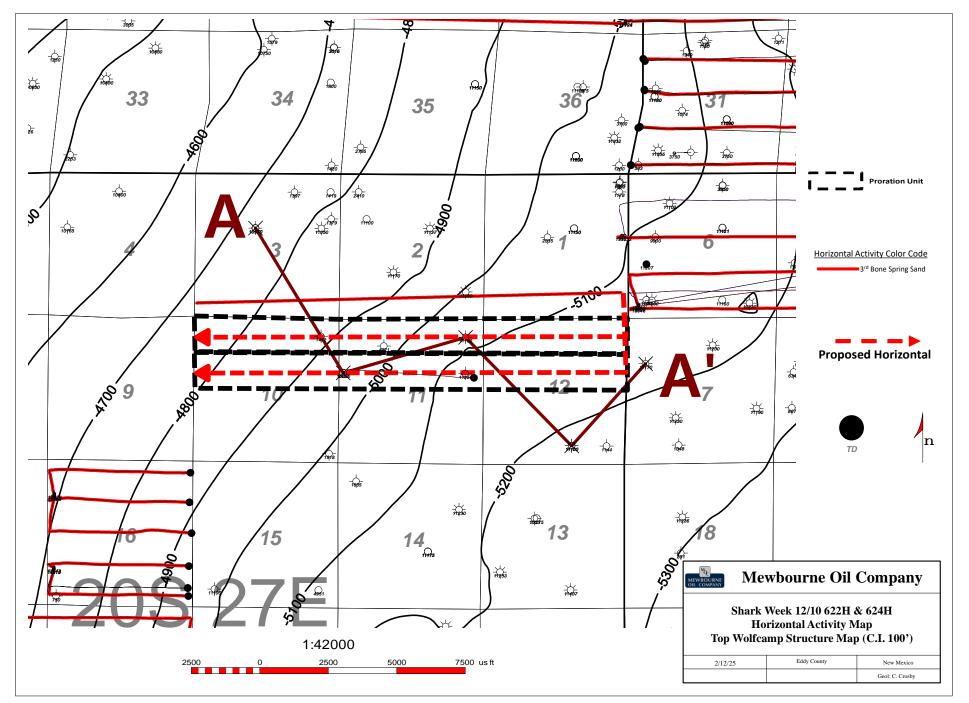
Charles Crosby

2/28/25 Date

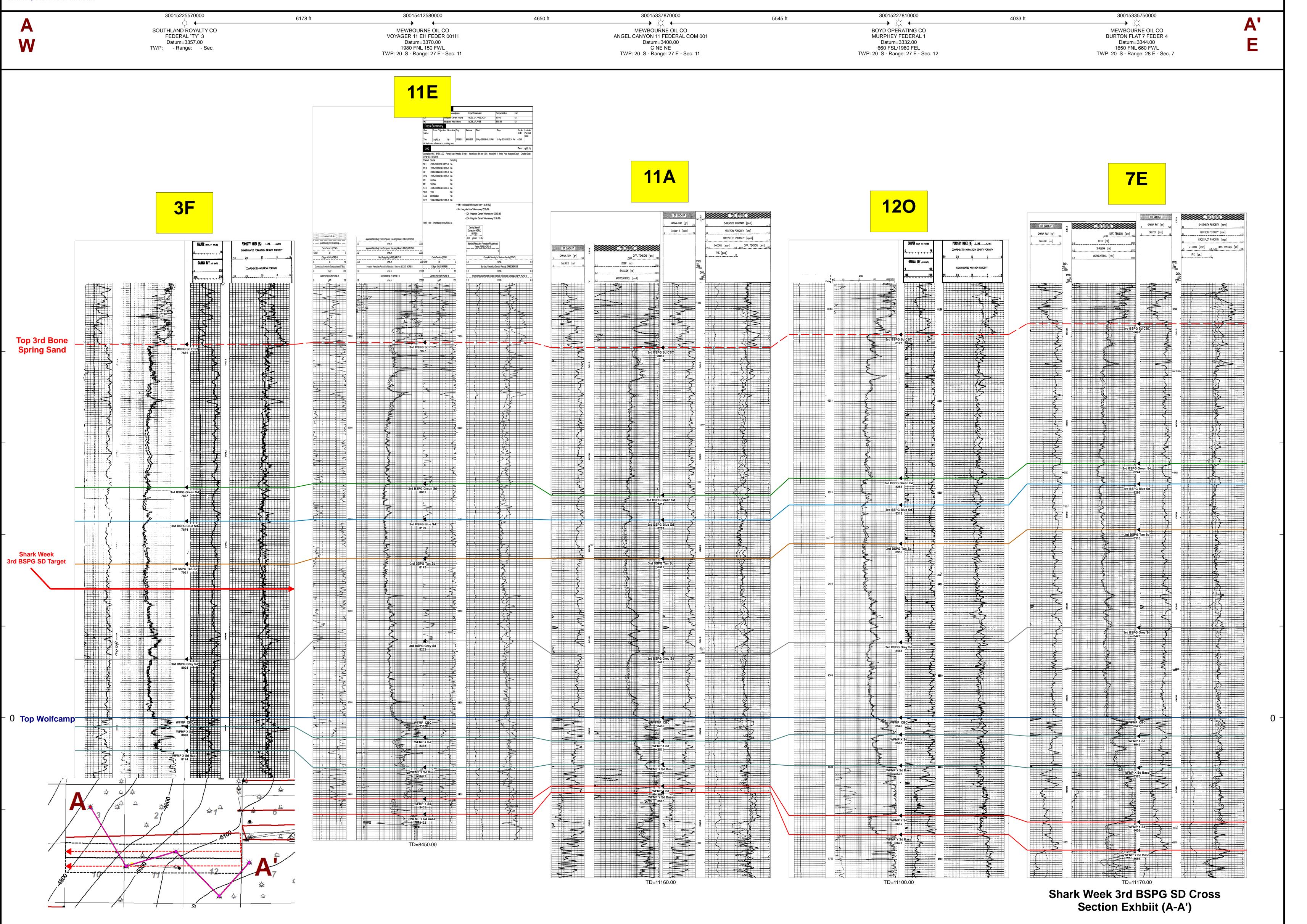


Released to Imaging: 3/6/2025 2:39:10 PM

Mewbourne Oil Company Case No. 25215 Exhibit B-1



Mewbourne Oil Company Case No. 25215 Exhibit B-2



Mewbourne Oil Company Case No. 25215

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

APPLICATION OF MEWBOURNE OIL COMPANY TO AMEND ORDER NO. R-23511, EDDY COUNTY, NEW MEXICO,

CASE NO. 25215 ORDER NO. R-23511

SELF-AFFIRMED STATEMENT OF DANA S. HARDY

1. I am the 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 listed in the Postal Delivery Report attached as **Exhibit C-2**.

3. Exhibit C-2 also provides the date the Notice Letter was sent, along with the delivery status of each.

4. On February 27, 2025, I caused a notice to be published in the Hobbs – News Sun. An Affidavit of Publication from the legal clerk of the Hobbs News – Sun along with a copy of the Notice Publication, is attached as **Exhibit C-4**.

5. I understand this Self-Affirmed Statement will be used as written testimony in the subject 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.

/s/Dana S. Hardy Dana S. Hardy <u>March 4, 2025</u> Date

Mewbourne Oil Company Case No. 25215 Exhibit C





February 19, 2025

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO: ALL PARTIES ENTITLED TO NOTICE

Re: Case No. 25215 – Application of Mewbourne Oil Company to Amend Order No. R-23511, Eddy County, New Mexico.

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 **March 13, 2025**, beginning at 9:00 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: <u>https://www.emnrd.nm.gov/ocd/hearing-info/</u>. 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 (https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/) 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 Braxton Blandford, Landman at Mewbourne Oil Company, via e-mail at bblandford@mewbourne.com or by phone at (432) 682-3715.

HardyMclean.com

Sincerely, /s/ Jaclyn M. McLean Jaclyn M. McLean

Enclosure

125 Lincoln Avenue, Suite 223 Santa Fe, NM 87501 505-230-4410 Writer:

Jaclyn M. McLean Managing Partner jmclean@hardymclean.com

Mewbourne Oil Company Case No. 25215 Exhibit C-1

Mewbourne Oil Company Case No. 25215 POSTAL DELIVERY REPORT

PARTY	CITY	ST	ZIP	SENT	USPS TRACKING NO.	DELIVERED	STATUS
Estate of	Lubbock	ΤХ	79416	2/19/2025	9414836208551278534645	2/4/2025	Arrived at USPS Regional Destination Facility
Edwin E.							
Merriman							

Mewbourne Oil Company Case No. 25215 Exhibit C-2

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AFFIDAVIT OF PUBLICATION

CARLSBAD CURRENT-ARGUS **PO BOX 507** HUTCHINSON, K\$ 67504-0507

CC STATE OF NEW MEXICO } COUNTY OF EDDY

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Account Numbe	r: 1491
Ad Number:	36770
Description:	Mewbourne Shark Week Amend
Ad Cost:	\$97.73

Sherry Groves, 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:

February 27, 2025

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

Sherry Dances

Agent

Subscribed to and sworn to me this 27th day of February 2025.

me Kantoln

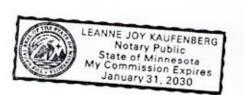
Leanne Kaufenberg, Notary Public, Redwood County Minnesota

Page 37 of 37

PUBLIC NOTICE

This is to notify all interested parties, including; Estate of Edwin E. Merriman; and their successors and assigns; that the New Mexico Oil Conservation Division will conduct a hearing on the application submitted by Mewbourne Oil Company ("Applicant") (Case No. 25215). The hearing will be conducted on March 13, 2025, in a hybrid fashion, both virtually and in person at the Sector Division of the person at the Energy, Minerals, Natural Resources Department, 1st Floor, Santa Fe, NM 87505. To participate virtually, see the instructions posted Fe, NM 87505, to participate virtually, see the instructions posted on the OCD website: https://www.emmrd.nm.gov/ocd/hearing-info/ Applicant requests that the New Mexico Oil Conservation Division issue an order amending Order No. R-23511 ("Order") with respect to the initial wells that will be drilled under the Order. The Order: pooled all uncommitted interests in the Bone Spring formation underlying a 1.920-acre, more or less, non-standard horizonal spacing unit comprised of all of Sections 10, 11, and 12, Townshin 20, South Banes 27 Fast Edde County 10, 11, and 12, Township 20 South, Range 27 East, Eddy County, New Mexico ("Unit"); dedicated the Unit to the Shark Week 12/10 Fed Com 622H and Shark Week 12/10 Fed Com 624H initial wells; and designated Applicant as operator of the Unit and the wells. The Shark Week 12/10 Fed Com 622H well was to be drilled from a surface hole location in the SE/4 SE/4 (Unit P) of Section 1 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 10, and the Shark Week 12/10 Fed Com 624H well was to be drilled from a surface hole location in the SE/4 SE/4 (Unit P) of Section 1 to a bottom hole location in the SW/4 NW/4 (Unit E) of Section 10. Applicant now seeks to drill the following initial E) of Section 10. Applicant now seeks to drill the following initial wells within the non-standard spacing unit: Shark Week 12/10 Fed Com #626H, which will be drilled from a surface hole location in the NW/4 SW/4 (Unit L) of Section 7 to a bottom hole location in the NW/4 SW/4 (Unit L) of Section 10; and Shark Week 12/10 Fed Com #628H, which will be drilled from a surface hole location in the NW/4 SW/4 (Unit L) of Section 7 to a bottom hole location hole location in the SW/4 SW/4 (Unit L) of Section 10; and Shark Week 12/10 Fed Com #628H, which will be drilled from a surface hole location in the SW/4 SW/4 (Unit L) of Section 7 to a bottom hole location in the SW/4 SW/4 (Unit L) of Section 10. The completed intervals of the Wells will be orthodox. Mewbourne requests that the other terms of the Order remain in effect. The Wells are located approximately 8 miles southeast of effect. The Wells are located approximately 8 miles southeast of Lakewood, New Mexico.

Published in the Carlsbad Current-Argus February 27, 2025. #36770



Mewbourne Oil Company Case No. 25215 Exhibit C-3

CARA DOUGLAS HARDY MCLEAN LLC 125 LINCOLN AVE. SUITE 223 **SANTA FE, NM 87501** cdouglas@hardymclean.com