BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING FEBRUARY 13, 2025

CASE No. 25141

SAN LORENZO 9/4 STATE COM #551H

EDDY COUNTY, NEW MEXICO



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

APPLICATION OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 25141

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- Mewbourne Exhibit F: Affidavit of Publication for the Case

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 25141	APPLICANT'S RESPONSE
Date:	February 13, 2025
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company [OGRID 14744]
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	N/A
Well Family	San Lorenzo
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	San Lorenzo; Bone Spring [53600]
Well Location Setback Rules:	Statewide Rules
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.62-acres
Building Blocks:	40 acres
Orientation:	Standup / South to North
Description: TRS/County	Lot 4, SE/4 NW/4, and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 4, and W/2 W/2 of Section 9, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-3
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. A Submitted by: Mewbourne Oil Company Hearing Date: February 13, 2025 Case No. 25141

Received by OCD: 2/6/2025 8:26:49 PM	Page 4
Well #1	San Lorenzo 9-4 State Com #551H
	(30-015-PENDING)
	SHL: 330' FSL & 2,090' FWL (Unit N) of Section 9
	BHL: 100' FNL & 550' FWL (Lot 4) of Section 4
	Completion Target: Bone Spring formation
	Well Orientation: Standup / South to North
	Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-2
Completion Target (Formation, TVD and MD)	Exhibit C-4
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit B
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-3
If approval of Non-Standard Spacing Unit is requested, Tract	
List (including lease numbers and owners) of Tracts subject to	
notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-3
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above &	,
below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-4
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-3
Chronology of Contact with Non-Joined Working Interests	Exhibit C-5
Overhead Rates In Proposal Letter	Exhibit C-4
Cost Estimate to Drill and Complete	Exhibit C-4
Cost Estimate to Equip Well	Exhibit C-4
Cost Estimate for Production Facilities	Exhibit C-4
Geology	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibit D-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit D-2

TELETIER DV OCD. 2/0/2023 0.20.771 M	1026 3 01 7
Well Orientation (with rationale)	Exhibit D
Target Formation	Exhibit D, D-3
HSU Cross Section	Exhibit D-3
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit C-2
Tracts	Exhibit C-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3
General Location Map (including basin)	Exhibit D-1
Well Bore Location Map	Exhibit D-1
Structure Contour Map - Subsea Depth	Exhibit D-2
Cross Section Location Map (including wells)	Exhibit D-2
Cross Section (including Landing Zone)	Exhibit D-3
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information pro	ovided in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Paula M. Vance
Signed Name (Attorney or Party Representative):	Palh
Date:	6-Feb-25

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 25141

APPLICATION

Mewbourne Oil Company ("Mewbourne" or "Applicant") (OGRID No. 14744), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (1) approving a 320.62-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation underlying Lot 4, SE/4 NW/4, and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 4, and W/2 W/2 of Section 9, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico, and (2) pooling all uncommitted interests in this acreage. In support of its application, Mewbourne states:

- 1. Applicant is a working interest owner in the proposed overlapping horizontal spacing unit and has the right to drill thereon.
- 2. Mewbourne seeks to dedicate the above-referenced overlapping horizontal spacing unit to the proposed **San Lorenzo 9-4 State Com #551H** well, to be drilled from a surface hole location in the SE/4 SW/4 (Unit N) of Section 9 to a bottom hole location in Lot 4 (NW/4 NW/4 equivalent) of irregular Section 4.
- 3. This proposed horizontal well spacing unit will overlap the following existing spacing units in the Bone Spring formation:
 - 160-acre spacing unit comprised of Lot 4, SW/4 NW/4, and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 4, T25S-R28E, dedicated to the Odie 4 State 1H (API: 30-015-41311) well currently operated by RAYBAW Operating, LLC; and

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. B
Submitted by: Mewbourne Oil Company
Hearing Date: February 13, 2025
Case No. 25141

- 160-acre spacing unit comprised of the W/2 W/2 of Section 9, T25S-R28E, dedicated to the San Lorenzo 9 MD Fee 1H (API: 30-015-41305) well currently operated by Mewbourne Oil Company.
- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all mineral owners in the subject spacing unit.
- 5. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

WHEREFORE, Applicant requests that this matter be set for hearing before an Examiner of the Oil Conservation Division on February 13, 2025, and, after notice and hearing as required by law, the Division enter an order:

- A. Approving the proposed overlapping spacing unit;
- B. Pooling all uncommitted interests in the horizontal spacing unit;
- C. Designating Applicant as operator of the overlapping horizontal spacing unit and the horizontal well to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping, and completing the well;
- E. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- F. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

HOLLAND & HART LLP

By:

Michael H. Feldewert
Adam G. Rankin
Paula M. Vance
Post Office Box 2208
Santa Fe, New Mexico 87504-2208
(505) 988-4421
(505) 983-6043 Facsimile
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ATTORNEYS FOR MEWBOURNE OIL COMPANY

CASE :

Application of Mewbourne Oil Company for Approval an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order (1) approving a 320.62-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation underlying Lot 4, SE/4 NW/4, and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 4, and W/2 W/2 of Section 9, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico, and (2) pooling all uncommitted interests in this acreage. Mewbourne seeks to dedicate the above-referenced overlapping horizontal spacing unit to the proposed San Lorenzo 9-4 State Com #551H well, to be drilled from a surface hole location in the SE/4 SW/4 (Unit N) of Section 9 to a bottom hole location in Lot 4 (NW/4 NW/4 equivalent) of irregular Section 4. This proposed horizontal well spacing unit will overlap the following existing spacing units in the Bone Spring formation:

- 160-acre spacing unit comprised of Lot 4, SW/4 NW/4, and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 4, T25S-R28E, dedicated to the Odie 4 State 1H (API: 30-015-41311) well currently operated by RAYBAW Operating, LLC; and
- 160-acre spacing unit comprised of the W/2 W/2 of Section 9, T25S-R28E, dedicated to the San Lorenzo 9 MD Fee 1H (API: 30-015-41305) well currently operated by Mewbourne Oil Company.

Also to be considered will be the cost of drilling and completing the well, the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of Applicant as operator, and a 200% charge for risk involved in drilling and completing the well. Said area is located approximately 5 miles southwest of Malaga, New Mexico.

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 25141

SELF-AFFIRMED STATEMENT OF CARSON CULLEN

1. My name is Carson Cullen. I work for Mewbourne Oil Company ("Mewbourne")

as a Landman.

2. I have previously testified before the New Mexico Oil Conservation Division

("Division") as an expert witness in petroleum land matters. My credentials as a petroleum

landman have been accepted by the Division and made a matter of record.

3. I am familiar with the application filed by Mewbourne in this case, and I am familiar

with the status of the lands in the subject area.

4. None of the uncommitted parties in this case have indicated opposition to

proceeding by self-affirmed statement and, therefore, I do not expect any opposition at the hearing.

5. Mewbourne seeks an order (1) approving a 320.62-acre, more or less, overlapping

horizontal well spacing unit in the Bone Spring formation underlying Lot 4, SE/4 NW/4, and W/2

SW/4 (W/2 W/2 equivalent) of irregular Section 4, and W/2 W/2 of Section 9, Township 25 South,

Range 28 East, NMPM, Eddy County, New Mexico, and (2) pooling all uncommitted interests in

this acreage. Mewbourne seeks to initially dedicate this Bone Spring spacing unit to the proposed

San Lorenzo 9-4 State Com #551H well, to be horizontally drilled from a surface location in the

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C
Submitted by: Mewbourne Oil Company

SE/4 SW/4 (Unit N) of Section 9 to a bottom hole location in Lot 4 (NW/4 NW/4 equivalent) of irregular Section 4.

- 6. This proposed horizontal well spacing unit will overlap the following existing spacing units in the Bone Spring formation:
 - 160-acre spacing unit comprised of Lot 4, SW/4 NW/4, and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 4, T25S-R28E, dedicated to the Odie 4 State 1H (API: 30-015-41311) well currently operated by RAYBAW Operating, LLC; and
 - 160-acre spacing unit comprised of the W/2 W/2 of Section 9, T25S-R28E, dedicated to the San Lorenzo 9 MD Fee 1H (API: 30-015-41305) well currently operated by Mewbourne Oil Company.
- 7. **Mewbourne Exhibit C-1** is a diagram depicting the newly proposed spacing unit in relation to the existing spacing units. Mewbourne provided notice to RAYBAW Operating, LLC and the other working interest owners in its' San Lorenzo 9 MD Fee 1H well, as well as the State Land Office of New Mexico since state lands are involved. A sample copy of the notice and mailing report is included in Exhibit E.
- 8. **Mewbourne Exhibit C-2** contains a draft Form C-102 for the well. This form demonstrates that the completed interval for the well will comply with statewide setbacks for oil wells. The exhibit shows that the well will be assigned to the San Lorenzo; Bone Spring [53600].
- 9. **Mewbourne Exhibit C-3** identifies the tracts of land comprising the horizontal spacing unit, the ownership interests in each tract, and ownership interests on a spacing unit basis. The subject acreage is comprised of state and fee lands. The parties Mewbourne seeks to pool are highlighted in yellow.
- 10. **Mewbourne Exhibit C-4** contains a sample of the well proposal letter and AFEs sent to owners with a working interest. The costs reflected in the AFEs are consistent with what Mewbourne and other operators have incurred for drilling similar horizontal wells in the area in this formation.

- 11. Mewbourne requests that the overhead and administrative costs for drilling and producing the proposed well be set at \$10,000 per month while drilling and \$1,000 per month while producing. These costs are consistent with what other operators are charging in this area for similar wells.
- 12. **Mewbourne Exhibit C-5** contains a general summary of the contacts with the uncommitted interest owners. As indicated in the exhibit, Mewbourne has made a good faith effort to locate and has had communications with all of the parties that it seeks to pool in this case in an effort to reach voluntary joinder. In my opinion, Mewbourne has undertaken good faith efforts to reach an agreement with the uncommitted interest owners.
- 13. Mewbourne has provided the law firm of Holland & Hart LLP with the names and addresses of the parties that Mewbourne seeks to pool and instructed that they be notified of this hearing. Mewbourne has conducted a diligent search of all public records in the county where the property is located, reviewed telephone directories, and conducted computer searches to locate contact information for each interest owner.
- 14. **Mewbourne Exhibits C-1 through C-5** were either prepared by me or compiled under my direction and supervision.
- 15. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.



Carson Cullen

2-5-2025

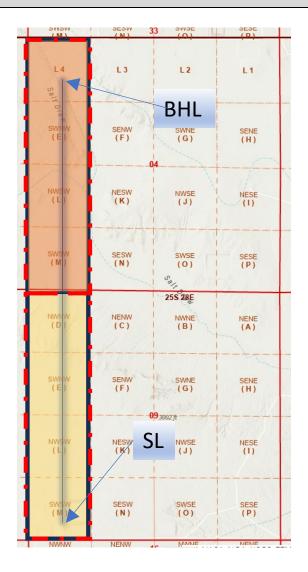
Date

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BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. C-1 Submitted by: Mewbourne Oil Company

> Hearing Date: February 13, 2025 Case No. 25141

OVERLAP DIAGRAM

San Lorenzo 9-4 State Com #551H Sections 9 (W/2W/2) & 9 (W/2W/2), T25S, R28E **EDDY COUNTY, NM**



Orange = SLO V052840006 Yellow= Fee

Dark Blue = MOC proposed unit Dashed Red = Existing units

Printed Name

Email Address

BEFORE THE OIL CONSERVATION DIVISION 14 of 42 Santa Fe, New Mexico

Exhibit No. C-2 Submitted by: Mewbourne Oil Company Hearing Date: February 15, 2025 State of New Mexico C-102 Energy, Minerals & Natural Resources Department Case No. 25141 Submit Electronically OIL CONSERVATION DIVISION ☐ Initial Submittal Via OCD Permitting Submittal □ Amended Report Type: ☐ As Drilled WELL LOCATION INFORMATION API Number Pool Code Pool Name 53600 SAN LORENZO; BONE SPRING Property Code Property Name Well Number SAN LORENZO 9/4 STATE COM 551H OGRID No. Operator Name Ground Level Elevation 14744 2982' MEWBOURNE OIL COMPANY Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal Surface Location Latitude County UL Section Township Range Lot Ft. from N/S Ft. from E/W Longitude N 9 25S 28E 330 FSL 2090 FWL 32.1382703°N 104.0942415°W **EDDY Bottom Hole Location** UL Section Range Lot Ft. from N/S Ft. from E/W Township Latitude Longitude County D 4 25S 28E 4 100 FNL 550 FWL 32.1662350°N 104.0992424°W **EDDY** Overlapping Spacing Unit (Y/N) Dedicated Acres Infill or Defining Well Defining Well API Consolidation Code Well setbacks are under Common Ownership: ☐ Yes ☐ No Order Numbers. Kick Off Point (KOP) UL Range Lot Section Ft. from N/S Ft. from E/W County Township Latitude Longitude 9 **25S** 28E 100 FSL 550 FWL First Take Point (FTP) UL Section Township Range Lot Ft. from N/S Ft. from E/W Latitude Longitude County 550 FWL 9 **25S** 28E 100 FSL Last Take Point (LTP) UL Ft. from N/S Ft. from E/W Section Township Range Lot Latitude Longitude County 28E 100 FNL 550 FWL 4 25S Unitized Area or Area of Uniform Interest Spacing Unit Type ☑ Horizontal ☐ Vertical Ground Floor Elevation: OPERATOR CERTIFICATIONS SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that here are is true and correct to the best of I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this ROBE organization either owns a working interest or unleased mineral interest in the land my belief. including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Signature and Seal of Professional Surveyor Signature

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. Released to Imaging: 2/7/2025 8:28:28 AM JOB #: LS24100873

Certificate Number

19680

Date of Survey

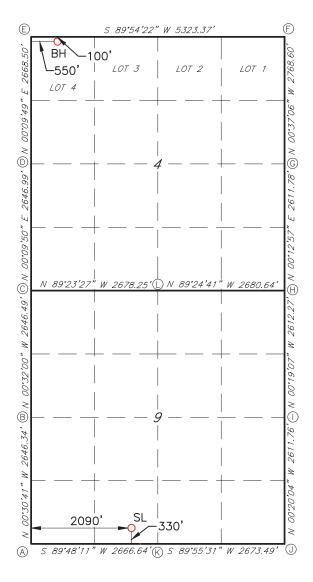
10/24/2024

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.

SAN LORENZO 9/4 STATE COM #551H



GEODETIC DATA

NAD 83 GRID - NM EAST

SURFACE LOCATION (SL) N: 414120.5 - E: 615341.8

> LAT: 32.1382703° N LONG: 104.0942415° W

BOTTOM HOLE (BH) N: 424290.1 - E: 613771.8

LAT: 32.1662350° N LONG: 104.0992424° W

CORNER DATA NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1940" N: 413783.4 - E: 613255.2

B: FOUND BRASS CAP "1940"

N: 416429.1 - E: 613231.6

C: FOUND BRASS CAP "1940" N: 419074.9 - E: 613207.0

D: FOUND BRASS CAP "1940" N: 421721.3 - E: 613214.5

E: FOUND BRASS CAP "1940" N: 424389.2 - E: 613222.2

F: FOUND BRASS CAP "1940"

N: 424397.9 - E: 618544.3

G: FOUND BRASS CAP "1940" N: 421630.1 - E: 618574.2

H: FOUND BRASS CAP "1940"

N: 419018.9 - E: 618564.4

I: FOUND BRASS CAP "1940" N: 416407.2 - E: 618578.9

J: FOUND BRASS CAP "1940" N: 413796.1 - E: 618594.1

K: FOUND BRASS CAP "1940"

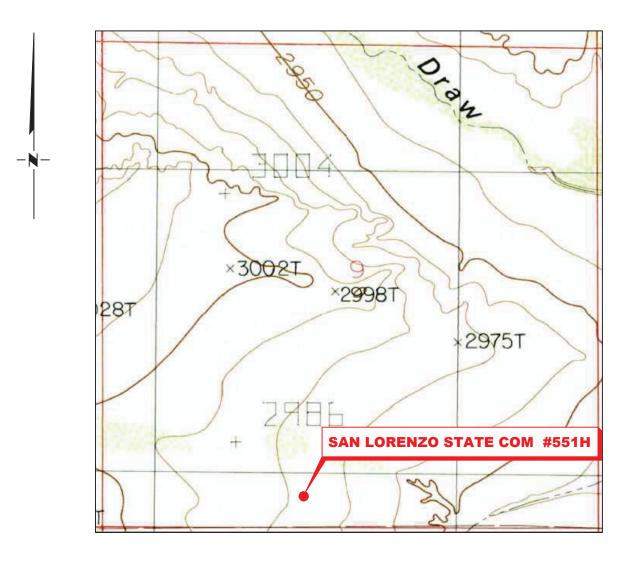
N: 413792.6 - E: 615921.2

L: FOUND BRASS CAP "1940"

N: 419046.4 - E: 615884.5

LOCATION VERIFICATION MAP

NOT TO SCALE



SECTION 9, TWP. 25 SOUTH, RGE. 28 EAST, N. M. P. M., EDDY CO., NEW MEXICO

OPERATOR: Mewbourne Oil Company LOCATION: 330' FSL & 2090' FWL

LEASE: <u>San Lorenzo 9/4 State Com</u> CONTOUR INTERVAL: <u>10'</u>

WELL NO.: _ 551H

ELEVATION: 2982'

USGS TOPO. SOURCE MAP:

Malaga, NM (1985)

NO. REVISION JOB NO.: LS24100873 DWG. NO.: LS24100873-2



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: N. T .S. DATE: 10/24/2024 SURVEYED BY: ML/JH DRAWN BY: CG APPROVED BY: RMH SHEET: 1 OF 1

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VICINITY MAP

NOT TO SCALE



SECTION 9, TWP. 25 SOUTH, RGE. 28 EAST, N. M. P. M., EDDY COUNTY, NEW MEXICO

OPERATOR: Mewbourne Oil Company LOCATION: 330' FSL & 2090' FWL

LEASE: <u>San Lorenzo 9/4 State Com</u> ELEVATION: <u>2982</u>

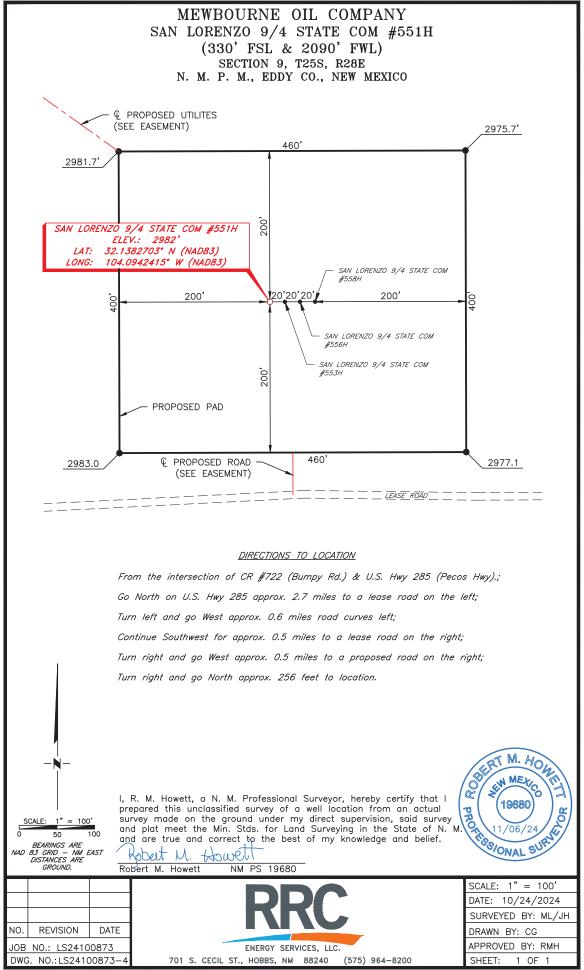
WELL NO.: 551H

NO. REVISION JOB NO.: LS24100873 DWG. NO.: LS24100873-3



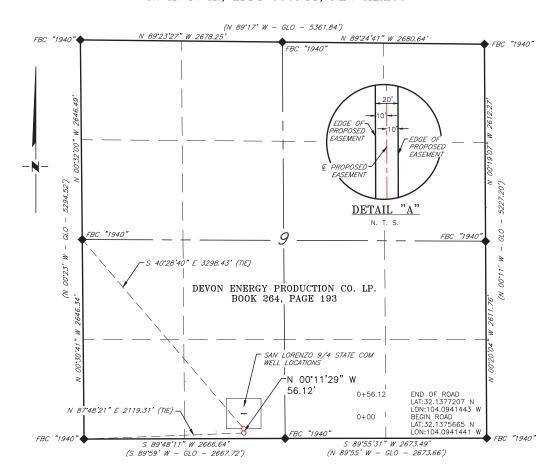
SCALE: N. T. S. DATE: 10/24/2024 SURVEYED BY: ML/JH DRAWN BY: CG APPROVED BY: RMH SHEET: 1 OF 1

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MEWBOURNE OIL COMPANY ACCESS ROAD FOR THE SAN LORENZO 9/4 STATE COM WELL LOCATIONS

SECTION 9, T25S, R28E N. M. P. M., EDDY COUNTY, NEW MEXICO



DESCRIPTION

A strip of land 20 feet wide, being 56.12 feet or 3.401 rods in length, lying in Section 9, Township 25 South, Range 28 East, N. M. P. M., Eddy County, New Mexico, being 10 feet left and 10 feet right of the following described survey of a centerline across the lands of Devon Energy production Co. Lp. according ro a deed filed for record in Book 264, Page 193, of the Deed records of Eddy County, New Mexico:

BEGINNING at Engr. Sta. 0+00, a point in the Southwest quarter of Section 9, which bears, N 87*48'21" E, 2,119.31 feet, from a brass cap, stamped "1940", found for the Southwest quarter corner of Section 9;

Thence N 00°11'29" W, 56.12 feet, to Engr. Sta. 0+56.12, the End of Survey, a point in the Southwest quarter of Section 9, which bears, S 40°28'40" E, 3,298.43 feet, from a brass cap, stamped "1940", found for the West corner of Section 9.

Said strip of land contains 0.026 acres, more or less, and is allocated by forties as follows:

701 S. CECIL ST., HOBBS, NM 88240

56.12 Feet

3.401 Rods

(575) 964-8200

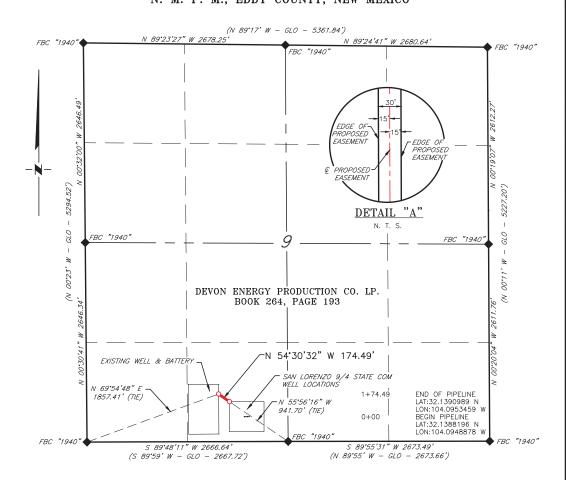
SE 1/4 SW 1/4 0.026 Acres WRT OF THE PROPERTY OF THE PRO M. Hoh = 1000 500' 1000 I, R. M. Howett, a N. M. Professional Surveyor, hereby n, k. M. Howelt, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best 11/06/24 NE BEARINGS ARE GRID NAD 83 NM EAST DISTANCES ARE HORIZ. GROUND. LEGEND of my knowledge and belief. RECORD DATA - GLO FOUND MONUMENT AS NOTED Howell Robert M. Robert M. Howett NM PS 19680 PROPOSED ACCESS ROAD SCALE: 1" = 1000' DATE: 10/24/2024 SURVEYED BY: ML/JH REVISION DATE DRAWN BY: CG APPROVED BY: RMH JOB NO.: LS24100873 ENERGY SERVICES, LLC.

> SHEET: 1 OF 1 Copyright 2016 - All Rights Reserved

DWG. NO.: 24100873-1

MEWBOURNE OIL COMPANY UTILITES FOR THE SAN LORENZO 9/4 STATE COM **WELL LOCATIONS**

SECTION 9, T25S, R28E N. M. P. M., EDDY COUNTY, NEW MEXICO



DESCRIPTION

A strip of land 30 feet wide, being 174.49 feet or 10.575 rods in length, lying in Section 9, Township 25 South, Range 28 East, N. M. P. M., Eddy County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across the lands of Devon Energy production Co. Lp. according to a deed filed for record in Book 264, Page 193, of the Deed records of Eddy County, New Mexico:

BEGINNING at Engr. Sta. 0+00, a point in the Southwest quarter of Section 9, which bears, N 55'56'16" W, 941.70 feet, from a brass cap, stamped "1940", found for the South quarter corner of Section 9;

Thence N 54°30'32" W, 174.49 feet, to Engr. Sta. 1+74.49, the End of Survey, a point in the Southwest quarter of Section 9, which bears, N 69°54'48" E, 1,857.41 feet, from a brass cap, stamped "1940", found for the Southwest corner of Section 9.

Said strip of land contains 0.120 acres, more or less, and is allocated by forties as follows:

DATE

174.49 Feet

10.575 Rods

(575) 964-8200

0.120 Acres SERT OF STREET

1" = 1000 500' 1000 BEARINGS ARE GRID NAD 83 NM EAST DISTANCES ARE HORIZ. GROUND. LEGEND RECORD DATA - GLO FOUND MONUMENT AS NOTED

REVISION

JOB NO.: LS24100873

DWG. NO.: 24100873-1

I, R. M. Howett, a N. M. Professional Surveyor, hereby n, k. M. Howelt, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best 11/06/24 NE of my knowledge and belief.

Howell Robert M. NM PS 19680

701 S. CECIL ST., HOBBS, NM 88240

Robert M. Howett PROPOSED UTILITIES

SE 1/4 SW 1/4

ENERGY SERVICES, LLC.

SCALE: 1" = 1000' DATE: 10/24/2024 SURVEYED BY: ML/JH DRAWN BY: CG APPROVED BY: RMH SHEET: 1 OF 1

M. Hon

19680

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Section Plat

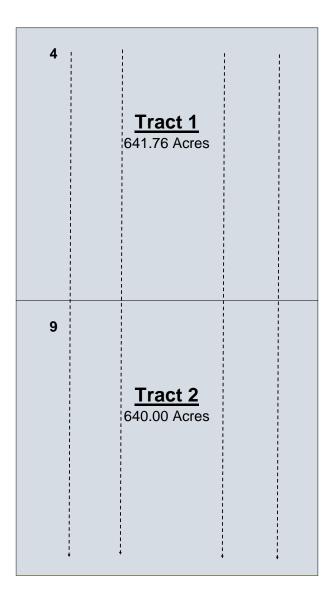
San Lorenzo 9-4 State Com #551H

San Lorenzo 9-4 State Com #553H

San Lorenzo 9-4 State Com #556H

San Lorenzo 9-4 State Com #558H

Plat covering Section 4 and Section 9, T-25-S, R-28-E, Eddy County, New Mexico.



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C-3
Submitted by: Mewbourne Oil Company
Hearing Date: February 13, 2025
Case No. 25141

Tract 1: Section 4

Marathon Oil Permian, LLC

Tract 2: Section 9

Mewbourne Oil Company Northern Oil and Gas, LLC

RECAPITULATION FOR

San Lorenzo 9-4 State Com #551H San Lorenzo 9-4 State Com #553H San Lorenzo 9-4 State Com #556H San Lorenzo 9-4 State Com #558H

_	Tract No. No. of Acres Committed		Percentage of Interest in Communitized Area					
	1	641.76	50.068656%					
	2 640.00		49.931344%					
	Total	1281.76	100.00000%					

TRACT OWNERSHIP

San Lorenzo 9-4 State Com #551H San Lorenzo 9-4 State Com #553H San Lorenzo 9-4 State Com #556H San Lorenzo 9-4 State Com #558H

Total:

Mewbourne Oil Company	39.945076%
Northern Oil and Gas, Inc.	9.986269%
Marathon Oil Permian, LLC	50.068655%
	100.000000%

*** 50.068655% Total Interest Being Pooled.

Tract 1: Section 4

Mewbourne Oil Company – 79.890151% Northern Oil and Gas, Inc. – 19.97238%

Tract 2: Section 9

Marathon Oil Permian, LLC – 100%

500 West Texas, Suite 1020 Midland, Texas 79701 Phone (432) 682-3715 Fax (432) 685-4170

October 30, 2024

Via Certified Mail

Marathon Oil Permian, LLC 990 Town & Country Blvd. Houston, Texas 77024

Re: San Lorenzo 9-4 State Com #551H

San Lorenzo 9-4 State Com #553H San Lorenzo 9-4 State Com #556H San Lorenzo 9-4 State Com #558H Sections 4 & 9, T25S, R28E Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 1281.76-acre Unit covering all of the above captioned acreage in Section 4 & 9 for oil and gas production. Our title shows that Marathon Oil Company, ("Marathon") owns all of Section 4 (641.76 acres). Accordingly, Marathon would own an 50.068656% interest in the proposed Unit.

Mewbourne Oil Company hereby proposes drilling the following wells:

San Lorenzo 9-4 State Com #551H

Surface Location: 205' FSL & 2430' FWL, Sec. 9 Bottom Hole Location: 100' FNL & 550' FWL, Sec. 4

Proposed Total Vertical Depth: 8560' Proposed Total Measured Depth: 19050'

Target: Harkey Sand

San Lorenzo 9-4 State Com #556H

Surface Location: 205' FSL & 2470' FWL, Sec. 9 Bottom Hole Location: 100' FNL & 1800' FEL, Sec. 4

Proposed Total Vertical Depth: 8600' Proposed Total Measured Depth: 19090'

Target: Harkey Sand

San Lorenzo 9-4 State Com #553H

Surface Location: 205' FSL & 2450' FWL, Sec. 9 Bottom Hole Location: 100' FNL & 1800' FWL, Sec. 4

Proposed Total Vertical Depth: 8580' Proposed Total Measured Depth: 19070'

Target: Harkey Sand

San Lorenzo 9-4 State Com #558H

Surface Location: 205' FSL & 2490' FWL, Sec. 9 Bottom Hole Location: 100' FNL & 500' FEL, Sec. 4

Proposed Total Vertical Depth: 8620' Proposed Total Measured Depth: 19110'

Target: Harkey Sand

Regarding the above enclosed for your further handling are our AFE's dated October 28, 2024 for the above referenced proposed well. In the event Marathon elects to participate in the proposed WIU and wells, please execute the enclosed AFE and return to me within thirty (30) days. Our Operating Agreement to follow.

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

Very truly yours,

Carson J. Cullin

MEWBOURNE OIL COMPANY

Carson Cullen Landman

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C-4
Submitted by: Mewbourne Oil Company
Hearing Date: February 13, 2025

Case No. 25141

Well Name: SAN LORENZO 9/4 STATE COM #551H Pros	spect: S	AN LORENZO			
Location: SL: 205 FSL & 2430 FWL (9); BHL: 100 FNL & 550 FWL (4)	ounty: E	ounty: EDDY ST: N			
Sec. 9 Blk: Survey: TWP: 25S	RNG:	28E Prop. TVI	D: 8560	TMD: 19050	
	<u> </u>				
INTANGIBLE COSTS 0180 Regulatory Permits & Surveys	0180-010	TCP	CODE 0180-0200	CC	
Location / Road / Site / Preparation	0180-010		0180-0200	\$35,000	
Location / Restoration	0180-010		0180-0206		
Daywork / Turnkey / Footage Drilling 14 days drlg / 3 days comp @ \$28,000/d	0180-011		0180-0210	\$89,700	
Fuel 1700 gal/day @ \$3.90/gal	0180-011		0180-0214	\$152,400	
Alternate Fuels Mud, Chemical & Additives	0180-011 0180-012		0180-0215 0180-0220	\$112,000	
Mud - Specialized	0180-012		0180-0220		
Horizontal Drillout Services	0100 012	Ψ2 10,000	0180-0222	\$220,000	
Stimulation Toe Preparation			0180-0223	\$24,000	
Cementing	0180-012	. /	0180-0225		
Logging & Wireline Services	0180-013		0180-0230		
Casing / Tubing / Snubbing Service Mud Logging	0180-013 0180-013		0180-0234	\$18,000	
Stimulation 61 Stg 25.3 MMgal & 25.3 MMlbs	0100-013	7	0180-0241	\$2,699,000	
Stimulation Rentals & Other			0180-0242	\$273,000	
Water & Other	0180-014	5 \$35,000	0180-0245	\$160,800	
Bits	0180-014		0180-0248		
Inspection & Repair Services Mice Air & Pumping Services	0180-015		0180-0250		
Misc. Air & Pumping Services Testing & Flowback Services	0180-015 0180-015		0180-0254 0180-0258		
Completion / Workover Rig	3,00-015	Ψ12,000	0180-0256		
Rig Mobilization	0180-016	4 \$150,000		, ,,,,,,	
Transportation	0180-016		0180-0265	\$75,000	
Welding, Construction, & Maint. Services	0180-016		0180-0268		
Contract Services & Supervision	0180-017		0180-0270	\$71,300	
Directional Services Includes vertical control	0180-017 0180-018	· · ·		£420,000	
Equipment Rental Well / Lease Legal	0180-018	. /	0180-0280 0180-0284		
Well / Lease Insurance	0180-018		0180-0285		
Intangible Supplies	0180-018		0180-0288		
Damages	0180-019	0 \$10,000	0180-0290	\$10,000	
Pipeline Interconnect & ROW Easements	0180-019		0180-0292		
Company Supervision	0180-019		0180-0295		
Overhead Fixed Rate Contingencies 5% (TCP) 5% (CC)	0180-019 0180-019		0180-0296 0180-0299		
TOTAL	1	\$2,501,200		\$4,921,800	
		\$2,301,200		\$4,921,000	
TANGIBLE COSTS 0181 Casing (19.1" - 30")	0181-079	2			
Casing (19.1 - 30) Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft	0181-079				
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft	0181-079				
Casing (6.1" - 8.0") 8320' - 7" 29# HPP110 BT&C @ \$30.89/ft	0181-079				
Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft			0181-0797	\$209,000	
Tubing 7985' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft			0181-0798	\$89,500	
Drilling Head	0181-086	0 \$50,000		\$20,000	
Tubing Head & Upper Section Horizontal Completion Tools			0181-0870 0181-0871	\$30,000 \$75,000	
Subsurface Equip. & Artificial Lift			0181-0880	\$40,000	
Service Pumps (1/4) TP/CP/Circ pump			0181-0886		
Storage Tanks (1/4) (8)OT/(6)WT/(2)GB			0181-0890	\$135,000	
Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR		1	0181-0892		
Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT	-		0181-0895	. ,	
Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc	1	+	0181-0898 0181-0900	\$93,000 \$35,000	
Water Pipeline-Pipe/Valves & Misc	1		0181-0900	ψ55,000	
On-site Valves/Fittings/Lines&Misc	1		0181-0906	\$175,000	
Wellhead Flowlines - Construction			0181-0907	\$32,000	
Cathodic Protection			0181-0908		
Electrical Installation		+	0181-0909		
Equipment Installation Oil/Gas Pipeline - Construction			0181-0910 0181-0920		
Water Pipeline - Construction			0181-0920	\$50,000	
TOTAL	1	\$434,100		\$1,410,500	
		·		· · ·	
SUBTOTAL	1	\$2,935,300		\$6,332,300	
TOTAL WELL COST		\$9,2	67,600		
Extra Expense Insurance	"				
I elect to be covered by Operator's Extra Expense Insurance and pay my propo	rtionate sh	are of the premiun	n.		
Operator has secured Extra Expense Insurance covering costs of well control, clean				0180-0185.	
I elect to purchase my own well control insurance policy.					
If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well contributions.	rol insurance				
Prepared by: H. Buckley Date	10/28/2	U24_			
Company Approval: Date	:				
		_			
Joint Owner Interest:					
Joint Owner Name: Marathon Oil Permian, LLC Signature:					

Well Name: SAN LORENZO 9/4 STATE COM #553H	pect: SAN LORENZO				
Location: SL: 205 FSL & 2450 FWL (9); BHL: 100 FNL & 1800 FWL (4)	ounty: E	ST: NM			
Sec. 9 Blk: Survey: TWP	: 258	RNG:	28E Prop. TVI	D: 8580	TMD: 19070
INTANOIDI E COCTO 0400		CODE	TOD	CODE	
INTANGIBLE COSTS 0180 Regulatory Permits & Surveys		0180-010	TCP 0 \$20,000	CODE 0180-0200	CC
Location / Road / Site / Preparation		0180-010		0180-0205	\$35,000
Location / Restoration		0180-010		0180-0206	\$80,000
Daywork / Turnkey / Footage Drilling 14 days drlg / 3 days comp @ \$28,00 Fuel 1700 gal/day @ \$3.90/gal	0/d	0180-011		0180-0210 0180-0214	\$89,700 \$152,400
Fuel 1700 gal/day @ \$3.90/gal Alternate Fuels		0180-011 0180-011		0180-0214	\$152,400 \$112,000
Mud, Chemical & Additives		0180-012		0180-0220	, ,,,,,,,
Mud - Specialized		0180-012	1 \$240,000	0180-0221	# 200 000
Horizontal Drillout Services Stimulation Toe Preparation				0180-0222 0180-0223	\$220,000 \$24,000
Cementing		0180-012	5 \$165,000	0180-0225	\$65,000
Logging & Wireline Services		0180-013		0180-0230	\$363,200
Casing / Tubing / Snubbing Service		0180-013 0180-013		0180-0234	\$18,000
Mud Logging Stimulation 61 Stg 25.3 MMgal & 25.3 MMlbs		0160-013	7 \$15,000	0180-0241	\$2,699,000
Stimulation Rentals & Other				0180-0242	\$273,000
Water & Other		0180-014		0180-0245	\$160,800
Bits Inspection & Repair Services		0180-014 0180-015		0180-0248 0180-0250	\$5,000
Misc. Air & Pumping Services		0180-015		0180-0254	\$10,000
Testing & Flowback Services		0180-015		0180-0258	\$24,000
Completion / Workover Rig		0490 040	4 0450.000	0180-0260	\$10,500
Rig Mobilization Transportation		0180-016 0180-016		0180-0265	\$75,000
Welding, Construction, & Maint. Services		0180-016		0180-0268	\$16,500
Contract Services & Supervision		0180-017		0180-0270	\$71,300
Directional Services Includes vertical control		0180-017 0180-018	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' 	0180-0280	\$120,000
Equipment Rental Well / Lease Legal		0180-018		0180-0280	\$120,000
Well / Lease Insurance		0180-018		0180-0285	
Intangible Supplies		0180-018		0180-0288	\$1,000
Damages Pipeline Interconnect & ROW Easements		0180-019 0180-019		0180-0290 0180-0292	\$10,000 \$5,000
Company Supervision		0180-019		0180-0295	\$27,000
Overhead Fixed Rate		0180-019		0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)		0180-019		0180-0299	\$234,400
	TOTAL		\$2,501,200		\$4,921,800
TANGIBLE COSTS 0181 Casing (19.1" - 30")		0181-079			
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft		0181-079			
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft		0181-079			
Casing (6.1" - 8.0") 8340' - 7" 29# HPP110 BT&C @ \$30.89/ft	10.	0181-079	6 \$275,100		#
Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99. Tubing 8005' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft	/ft			0181-0797 0181-0798	\$209,000 \$89,800
Drilling Head		0181-086	0 \$50,000		400,000
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools Subsurface Equip. & Artificial Lift				0181-0871 0181-0880	\$75,000 \$40,000
Service Pumps (1/4) TP/CP/Circ pump				0181-0886	\$10,000
Storage Tanks (1/4) (8)OT/(6)WT/(2)GB				0181-0890	\$135,000
Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR		<u> </u>		0181-0892	\$99,000
Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment				0181-0895 0181-0898	\$77,000 \$93,000
Oil/Gas Pipeline-Pipe/Valves&Misc				0181-0900	\$35,000
Water Pipeline-Pipe/Valves & Misc				0181-0901	
On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction		 		0181-0906 0181-0907	\$175,000 \$32,000
Cathodic Protection		 		0181-0907	φ3∠,000
Electrical Installation				0181-0909	\$167,000
Equipment Installation				0181-0910	\$88,000
Oil/Gas Pipeline - Construction Water Pipeline - Construction				0181-0920 0181-0921	\$56,000
The state of the s	TOTAL		\$434,700		\$1,410,800
61			•		
30	JBTOTAL		\$2,935,900		\$6,332,600
TOTAL WELL	COST		\$9,2	68,500	
Extra Expense Insurance					
I elect to be covered by Operator's Extra Expense Insurance and pay Operator has secured Extra Expense Insurance covering costs of well co					0180-0185
	illioi, cicari	up and redi	illing as estimated	III LIIIE ILEIII V	0100-0105.
I elect to purchase my own well control insurance policy.					
If neither box is checked above, non-operating working interest owner elects to be covered by Operate	or's well contr				
Prepared by: H. Buckley Date: 10/28/2024					
Company Approval: Date:					
Joint Owner Interest: 50.06865600% Amount: \$4,640,613.38					
Cian	nature:				
Joint Owner Name: Marathon Oil Permian, LLC					

Well Name: SAN LORENZO 9/4 STATE COM #556H	Prosp	pect: SA	N LORENZO		
ocation: SL: 205 FSL & 2470 FWL (9); BHL: 100 FNL & 1800 FEL (4)			DY		ST: NM
Sec. 9 Blk: Survey: TWP:	25S	RNG:	28E Prop. TVI	D: 8600	TMD: 19090
INTANGIBLE COSTS 0180		CODE	TCP	CODE	СС
Regulatory Permits & Surveys Location / Road / Site / Preparation		0180-0100		0180-0200 0180-0205	\$35,000
Location / Restoration		0180-0106		0180-0206	\$80,000
Daywork / Turnkey / Footage Drilling 14 days drlg / 3 days comp @ \$28,000/d		0180-0110	_	0180-0210	\$89,700
Fuel 1700 gal/day @ \$3.90/gal		0180-0114		0180-0214	\$152,400
Alternate Fuels		0180-0115		0180-0215	\$112,000
Mud, Chemical & Additives Mud - Specialized		0180-0120 0180-0120		0180-0220 0180-0221	
Horizontal Drillout Services		0100-012	Ψ240,000	0180-0221	\$220,000
Stimulation Toe Preparation				0180-0223	\$24,000
Cementing		0180-0125		0180-0225	\$65,000
Logging & Wireline Services		0180-0130		0180-0230	\$363,200
Casing / Tubing / Snubbing Service		0180-0134		0180-0234	\$18,000
Mud Logging Stimulation 61 Stg 25.3 MMgal & 25.3 MMlbs		0180-0137	\$15,000	0180-0241	\$2,699,000
Stimulation Rentals & Other				0180-0241	\$273,000
Water & Other		0180-0145	\$35,000	0180-0245	\$160,800
Bits		0180-0148	\$64,100	0180-0248	
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig		0180-0164	\$150,000	0180-0260	\$10,500
Rig Mobilization Transportation		0180-016		0180-0265	\$75,000
Welding, Construction, & Maint. Services		0180-0168		0180-0268	\$16,500
Contract Services & Supervision		0180-0170		0180-0270	\$71,300
Directional Services Includes vertical control		0180-0175			,
Equipment Rental		0180-0180	\$108,400	0180-0280	\$120,000
Well / Lease Legal		0180-0184		0180-0284	
Well / Lease Insurance		0180-0185		0180-0285	
Intangible Supplies		0180-0188		0180-0288	\$1,000
Damages Pipeline Interconnect & ROW Easements		0180-0190 0180-0192	-	0180-0290 0180-0292	\$10,000 \$5,000
Company Supervision		0180-0192		0180-0292	\$27,000
Overhead Fixed Rate		0180-0196		0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)		0180-0199		0180-0299	\$234,400
• • • • • •	OTAL		\$2,501,200		\$4,921,800
TANGIBLE COSTS 0181					
Casing (19.1" - 30")		0181-0793	3		
		0181-0794			
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft		0101 010	Ψ.σ,σσσ		
Casing (10.1 - 19.0) 400 - 13 3/8 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft		0181-0795	-		
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft			\$91,300		
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft		0181-0795	\$91,300	0181-0797	\$209,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798	\$209,000 \$90,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head		0181-0795	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798	\$90,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870	\$90,000 \$30,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798	\$90,000 \$30,000 \$75,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871	\$90,000 \$30,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880	\$90,000 \$30,000 \$75,000 \$40,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871 0181-0886 0181-0890 0181-0892 0181-0895	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871 0181-0886 0181-0896 0181-0895 0181-0898	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment (0il/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871 0181-0886 0181-0890 0181-0895 0181-0895 0181-0900 0181-0901	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Upper Section Horizontal Completion Tools Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps Storage Tanks (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0895 0181-0898 0181-0900 0181-0901 0181-0901	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0895 0181-0898 0181-0900 0181-0901 0181-0901 0181-0906 0181-0907 0181-0908	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000 \$167,000
Casing (8.1" - 10.0") Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$35.10/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0908 0181-0909 0181-0909	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000 \$175,000 \$32,000 \$167,000 \$88,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0871 0181-0886 0181-0890 0181-0895 0181-0895 0181-0901 0181-0901 0181-0907 0181-0908 0181-0908 0181-0909 0181-0910 0181-0920	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000 \$167,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT On-site Valves/Fittings/Lines&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800 \$ \$50,000	0181-0797 0181-0798 0181-0870 0181-0880 0181-0880 0181-0890 0181-0892 0181-0895 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0909 0181-0910 0181-0920 0181-0921	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction	DTAL	0181-0796 0181-0796	\$ \$91,300 \$ \$275,800	0181-0797 0181-0798 0181-0870 0181-0880 0181-0880 0181-0890 0181-0892 0181-0895 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0909 0181-0910 0181-0920 0181-0921	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000 \$175,000 \$32,000 \$167,000 \$88,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction		0181-0796 0181-0796	\$ \$91,300 \$ \$275,800 \$ \$50,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0909 0181-0901 0181-0906 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction Water Pipeline - Construction To	OTAL	0181-0796 0181-0796	\$91,300 \$275,800 \$50,000 \$50,000 \$435,400 \$2,936,600	0181-0797 0181-0798 0181-0870 0181-0880 0181-0890 0181-0892 0181-0895 0181-0898 0181-0900 0181-0901 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000 \$167,000 \$32,000 \$167,000 \$88,000 \$56,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction Water Pipeline - Construction Total Well Co	OTAL	0181-0796 0181-0796	\$91,300 \$275,800 \$50,000 \$50,000 \$435,400 \$2,936,600	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0909 0181-0901 0181-0906 0181-0907 0181-0908 0181-0909 0181-0910 0181-0920 0181-0921	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000 \$167,000 \$32,000 \$167,000 \$88,000 \$56,000
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction Water Pipeline - Construction TOTAL WELL CO Extra Expense Insurance and pay my Operator has secured Extra Expense Insurance policy.	ST proport clean u	0181-0796 0181-0860 0181-0860	\$91,300 \$275,800 \$50,000 \$50,000 \$435,400 \$2,936,600 \$9,2	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0990 0181-0901 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920 0181-0921	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000 \$1,411,000 \$6,332,800
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)WRT/(1)WRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)WRT/(1)WRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Oil/Gas Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Gil/Gas Pipeline - Construction Water Pipeline - Construction Water Pipeline - Construction Cathodic Protection Electrical Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction To SUBTI TOTAL WELL CO Extra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my Operator has secured Extra Expense Insurance covering costs of well control, I elect to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well and the covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elects to be covered by Operator's working interest owner elec	ST proporticlean u	0181-0796 0181-0860 0181-0860 cionate shaup and redrived insurance.	\$435,400 \$2,936,600 \$9,2	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0990 0181-0901 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920 0181-0921	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000 \$1,411,000 \$6,332,800
Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction Water Pipeline - Construction TOTAL WELL CO Extra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my Operator has secured Extra Expense Insurance policy.	ST proport clean u	0181-0796 0181-0860 0181-0860	\$435,400 \$2,936,600 \$9,2	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0990 0181-0901 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920 0181-0921	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000 \$1,411,000 \$6,332,800
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Casing (8.1" - 10.0") 2435'-9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8360'-7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880'-4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8025'-2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment Oil/Gas Pipeline-Pipe/Valves&Misc Water Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation Oil/Gas Pipeline - Construction Water Pipeline - Construction TOTAL WELL CO Extra Expense Insurance I elect to be covered by Operator's Extra Expense Insurance and pay my Operator has secured Extra Expense Insurance covering costs of well control, I elect to purchase my own well control insurance policy. If neither box is checked above, non-operating working interest owner elects to be covered by Operator's w Prepared by: H. Buckley	ST proport clean u ell contro Date:	0181-0796 0181-0860 0181-0860 cionate shaup and redrived insurance.	\$435,400 \$2,936,600 \$9,2	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0990 0181-0901 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920 0181-0921	\$90,000 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000 \$1,411,000 \$6,332,800

Well Name: SAN LORENZO 9/4 STATE COM #558H Pros	spect: SA	N LORENZO		
Location: SL: 205 FSL & 2490 FWL (9); BHL: 100 FNL & 500 FEL (4)	ounty: E	DDY		ST: NM
Sec. 9 Blk: Survey: TWP: 25S	, <u> </u>	28E Prop. TVE): 8620	TMD: 19110
occ. 5 Bitt. Carrey.	<u> </u>			10110
INTANGIBLE COSTS 0180	CODE	ТСР	CODE	СС
Regulatory Permits & Surveys Location / Road / Site / Preparation	0180-010		0180-0200 0180-0205	
Location / Restoration	0180-010		0180-0205	
Daywork / Turnkey / Footage Drilling 14 days drlg / 3 days comp @ \$28,000/d	0180-0110		0180-0210	
Fuel 1700 gal/day @ \$3.90/gal	0180-0114		0180-0214	
Alternate Fuels	0180-011		0180-0215	
Mud, Chemical & Additives Mud - Specialized	0180-0120 0180-012		0180-0220 0180-0221	
Horizontal Drillout Services	0100-012	Ψ240,000	0180-0222	\$220,000
Stimulation Toe Preparation			0180-0223	\$24,000
Cementing	0180-012		0180-0225	
Logging & Wireline Services	0180-0130		0180-0230	
Casing / Tubing / Snubbing Service Mud Logging	0180-0134 0180-013		0180-0234	\$18,000
Stimulation 61 Stg 25.3 MMgal & 25.3 MMlbs	0100-013	7 \$15,000	0180-0241	\$2,699,000
Stimulation Rentals & Other			0180-0242	
Water & Other	0180-014	\$35,000	0180-0245	\$160,800
Bits	0180-0148		0180-0248	
Inspection & Repair Services	0180-0150		0180-0250	
Misc. Air & Pumping Services Testing & Flowback Services	0180-0154 0180-0158		0180-0254 0180-0258	
Completion / Workover Rig	0 100-0100	ψ12,000	0180-0258	
Rig Mobilization	0180-016	\$150,000		Ţ.3,030
Transportation	0180-016		0180-0265	
Welding, Construction, & Maint. Services	0180-0168		0180-0268	
Contract Services & Supervision Directional Services Includes vertical control	0180-0170 0180-0170		0180-0270	\$71,300
Directional Services Includes vertical control Equipment Rental	0180-017	· · · · ·	0180-0280	\$120,000
Well / Lease Legal	0180-0184		0180-0284	
Well / Lease Insurance	0180-018	5 \$5,700	0180-0285	
Intangible Supplies	0180-018		0180-0288	
Damages	0180-0190		0180-0290	
Pipeline Interconnect & ROW Easements Company Supervision	0180-019	_	0180-0292 0180-0295	. ,
Overhead Fixed Rate	0180-019		0180-0296	
Contingencies 5% (TCP) 5% (CC)	0180-0199		0180-0299	
TOTAL		\$2,501,200		\$4,921,800
TANGIBLE COSTS 0181				
Casing (19.1" - 30")	0181-0793	3		
easing (term es)		4 0 200		
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft	0181-079			
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft	0181-079	5 \$91,300		
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8380' - 7" 29# HPP110 BT&C @ \$30.89/ft	-11	5 \$91,300		\$209,000
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8380' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft	0181-079	5 \$91,300		
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8380' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft	0181-079	\$91,300 \$276,500	0181-0797	
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8380' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8045' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870	\$90,200 \$30,000
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8380' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8045' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871	\$90,200 \$30,000 \$75,000
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8380' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8045' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880	\$90,200 \$30,000 \$75,000 \$40,000
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8380' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8045' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0886	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8380' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8045' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000
Casing (10.1" - 19.0")	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871 0181-0886 0181-0890 0181-0892 0181-0895	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000
Casing (10.1" - 19.0")	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0895 0181-0895	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000
Casing (10.1" - 19.0")	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000
Casing (10.1" - 19.0")	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871 0181-0886 0181-0890 0181-0895 0181-0898 0181-0900 0181-0900	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000
Casing (10.1" - 19.0")	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0898	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000
Casing (10.1" - 19.0")	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0895 0181-0898 0181-0900 0181-0901 0181-0901	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8380' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8045' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0908 0181-0908	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000 \$167,000
Casing (10.1" - 19.0") 400' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft Casing (8.1" - 10.0") 2435' - 9 5/8" 40# HCL80 LT&C @ \$35.10/ft Casing (6.1" - 8.0") 8380' - 7" 29# HPP110 BT&C @ \$30.89/ft Casing (4.1" - 6.0") 10880' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft Tubing 8045' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.50/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Subsurface Equip. & Artificial Lift Service Pumps (1/4) TP/CP/Circ pump Storage Tanks (1/4) (8)OT/(6)WT/(2)GB Emissions Control Equipment (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR Separation / Treating Equipment (1/4) (4)(4)H SEP/(2)V SEP/(4)VHT Automation Metering Equipment Oil/Gas Pipeline-Pipe/Valves & Misc On-site Valves/Fittings/Lines&Misc Wellhead Flowlines - Construction Cathodic Protection Electrical Installation Equipment Installation	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0908 0181-0909 0181-0909	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000 \$167,000 \$88,000
Casing (10.1" - 19.0")	0181-0799 0181-0799	\$91,300 \$276,500	0181-0797 0181-0798 0181-0870 0181-0880 0181-0886 0181-0892 0181-0895 0181-0895 0181-0900 0181-0901 0181-0907 0181-0908 0181-0908 0181-0909 0181-0910 0181-0910	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000 \$167,000 \$88,000
Casing (10.1" - 19.0")	0181-0799 0181-0799	\$ \$91,300 \$ \$276,500 0 \$50,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0900 0181-0901 0181-0906 0181-0907 0181-0908 0181-0909 0181-0909	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000
Casing (10.1" - 19.0")	0181-0796 0181-0866	\$1,300 \$276,500 \$50,000 \$436,100	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0990 0181-0901 0181-0907 0181-0908 0181-0909 0181-0909 0181-0910 0181-0920	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000 \$167,000 \$88,000
Casing (10.1" - 19.0")	0181-0796 0181-0866	\$ \$91,300 \$ \$276,500 0 \$50,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0990 0181-0901 0181-0907 0181-0908 0181-0909 0181-0909 0181-0910 0181-0920	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000
Casing (10.1" - 19.0")	0181-0796 0181-0866	\$436,100 \$2,937,300	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0990 0181-0901 0181-0907 0181-0908 0181-0909 0181-0909 0181-0910 0181-0920	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000
Casing (10.1" - 19.0")	0181-0796 0181-0796 0181-0866 0181-0866 0181-0866 output rtionate sha up and redr rol insurance. 10/28/26	\$1,300 \$276,500 \$50,000 \$50,000 \$436,100 \$2,937,300 \$9,2 are of the premium	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0990 0181-0906 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920 0181-0920	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000 \$1,411,200 \$6,333,000
Casing (10.1" - 19.0")	0181-0796 0181-0796 0181-0866 0181-0866 0181-0866 output rtionate sha up and redr rol insurance. 10/28/26	\$1,300 \$276,500 \$50,000 \$50,000 \$436,100 \$2,937,300 \$9,2 are of the premium	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0990 0181-0906 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920 0181-0920	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000 \$1,411,200 \$6,333,000
Casing (10.1" - 19.0")	0181-0796 0181-0796 0181-0866 0181-0866 0181-0866 output rtionate sha up and redr rol insurance. 10/28/26	\$1,300 \$276,500 \$50,000 \$50,000 \$436,100 \$2,937,300 \$9,2 are of the premium	0181-0797 0181-0798 0181-0870 0181-0871 0181-0880 0181-0890 0181-0892 0181-0898 0181-0990 0181-0906 0181-0907 0181-0909 0181-0909 0181-0920 0181-0920 0181-0920	\$90,200 \$30,000 \$75,000 \$40,000 \$10,000 \$135,000 \$99,000 \$77,000 \$93,000 \$35,000 \$175,000 \$32,000 \$167,000 \$88,000 \$56,000 \$1,411,200 \$6,333,000

Summary of Communications

San Lorenzo 9-4 State Com #551H San Lorenzo 9-4 State Com #553H San Lorenzo 9-4 State Com #556H San Lorenzo 9-4 State Com #558H

1. Marathon Oil Permian, LLC

October 30, 2024 – Well proposal and AFE delivered via certified mail.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C-5
Submitted by: Mewbourne Oil Company
Hearing Date: February 13, 2025
Case No. 25141

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

APPLICATION OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 25141

SELF-AFFIRMED STATEMENT OF GEOLOGIST

1. My name is Cole Hatchel. I work for Mewbourne Oil Company ("Mewbourne") as a Geologist.

2. I have previously testified before the New Mexico Oil Conservation Division ("Division") as an expert witness in petroleum geology. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record.

3. I am familiar with the application filed by Mewbourne in this case, and I have conducted a geologic study of the lands in the subject area.

4. Mewbourne is targeting the Harkey Sand of the Bone Spring formation in this case.

5. **Mewbourne Exhibit D-1** is a general locator map.

6. **Mewbourne Exhibit D-2** is a subsea structure map that I prepared for the top of the Harkey Sand. The contour intervals are 100 feet. The area comprising the proposed spacing unit is outlined in red with the approximate location and orientation of the initial well noted with a black line. The structure map shows the targeted formation gently dipping to the east. The structure appears consistent across the proposed spacing unit, and I do not observe any faulting, pinch outs, or other geologic impediments to drilling horizontal wells.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D
Submitted by: Mewbourne Oil Company
Hearing Date: February 13, 2025
Case No. 25141

Released to Imaging: 2/7/2025 8:28:28 AM

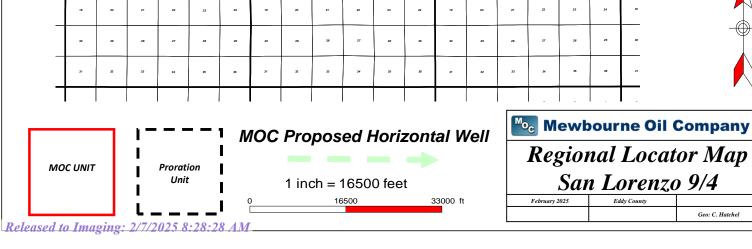
- 7. Mewbourne Exhibit D-2 also shows a line of cross-section through the proposed horizontal spacing unit from A to A'. I chose the logs from these wells to create the cross-section because they penetrate the targeted interval, are of good quality and have been subjected to petrophysical analysis of the targeted interval. In my opinion, these well logs are representative of the geology in the subject area.
- 8. **Mewbourne Exhibit D-3** is a stratigraphic cross-section that I prepared using the logs from the representative wells shown in Exhibit D-2. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The target interval for the proposed well is marked on the cross-section with blue directional arrow. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.
- 9. In my opinion, standup orientation of the proposed well is the appropriate orientation for horizontal well development in this area because it is more near perpendicular to the maximum horizontal stress of the area.
- 10. Based on my geologic study, the Bone Spring formation underlying the subject area is suitable for development by horizontal wells and the acreage comprising the proposed spacing unit will contribute more-or-less equally to the production from the wellbore. I have not identified any geologic impediments to drilling horizontal wells in the area of the spacing unit proposed.
- In my opinion, horizontal drilling will be the most efficient method to develop this acreage, to prevent the drilling of unnecessary wells, and to result in the greatest ultimate recovery, and that approving Mewbourne's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.
- 12. **Mewbourne Exhibits D-1 through D-3** were either prepared by me or compiled under my direction and supervision.

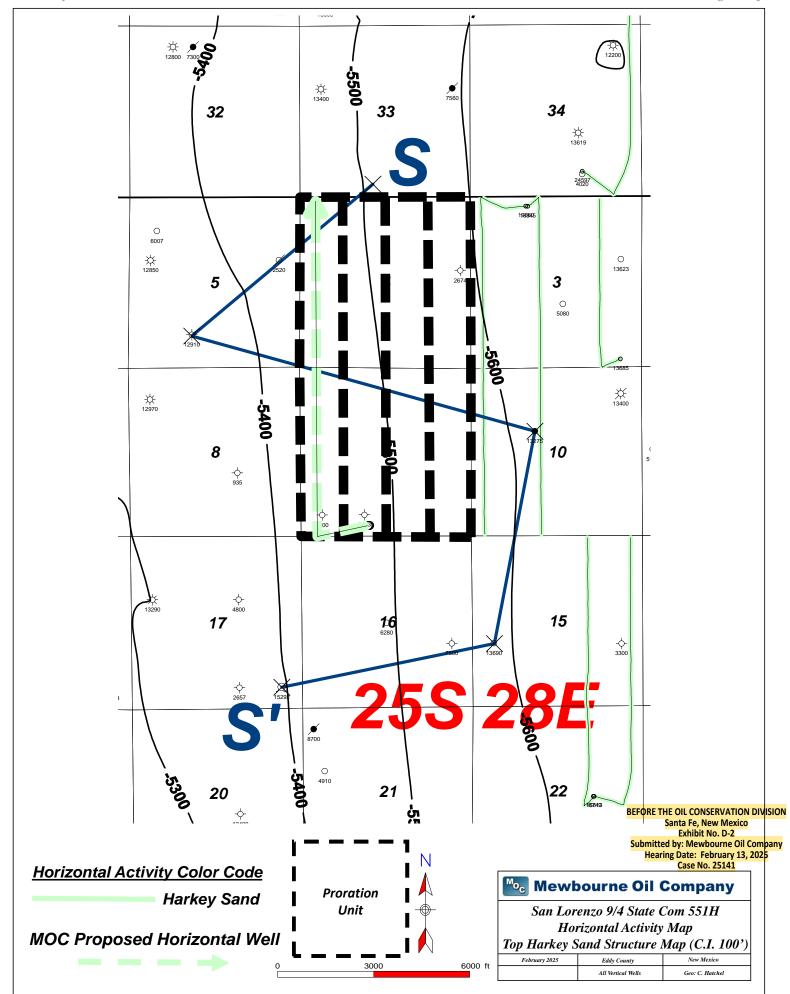
13. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

Geologist

Date

2/5/2025





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

APPLICATION OF MEWBOURNE OIL COMPANY FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 25141

SELF-AFFIRMED STATEMENT OF PAULA M. VANCE

- 1. I am attorney in fact and authorized representative of Mewbourne Oil Company ("Mewbourne"), the Applicant herein. I have personal knowledge of the matter addressed herein and am competent to provide this self-affirmed statement.
- 2. The above-referenced application and notice of the hearing on this application was sent by certified mail to the locatable affected parties on the date set forth in the letter attached hereto.
- 3. The spreadsheet attached hereto contains the names of the parties to whom notice was provided.
- 4. The spreadsheet attached hereto contains the information provided by the United States Postal Service on the status of the delivery of this notice as of January 31, 2025.
- 5. I caused a notice to be published to all parties subject to this compulsory pooling proceeding. An affidavit of publication from the publication's legal clerk with a copy of the notice of publication is attached herein.
- 6. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

 BEFORE THE OIL CONSERVATION DIVISION

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. E
Submitted by: Mewbourne Oil Company
Hearing Date: February 13, 2025

Case No. 25141

Pakhir

02/06/2025

Date



Paula M. Vance Associate **Phone** (505) 988-4421 Email pmvance@hollandhart.com

January 24, 2025

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS AND APPROVAL OF THE OVERLAPPING WELL SPACING UNIT

Re: Application of Mewbourne Oil Company for Approval an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Eddy County, New Mexico: San Lorenzo 9-4 State Com #551H well

Greetings:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on February 13, 2025, and the status of the hearing can be monitored through the Division's website at https://www.emnrd.nm.gov/ocd/.

It is anticipated that hearings will be held in a hybrid format with both in-person and virtual participation options. The meeting will be held in the Pecos Hall Hearing Room at the Wendall Chino Building, 1st Floor, 1220 South St. Francis Dr., Santa Fe, New Mexico. To participate virtually in the hearing, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/.

Your interest is not being pooled. This notice is for approval for the overlapping spacing unit. 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. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Carson Cullen at (432) 682-3715, or at ccullen@mewbourne.com.

Sincerely,

Paula M. Vance

ATTORNEY FOR MEWBOURNE OIL COMPANY



Paula M. Vance Associate **Phone** (505) 988-4421 Email pmvance@hollandhart.com

January 24, 2025

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS AND APPROVAL OF THE OVERLAPPING WELL SPACING UNIT

Re: Application of Mewbourne Oil Company for Approval an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Eddy County, New Mexico: San Lorenzo 9-4 State Com #551H well

Greetings:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on February 13, 2025, and the status of the hearing can be monitored through the Division's website at https://www.emnrd.nm.gov/ocd/.

It is anticipated that hearings will be held in a hybrid format with both in-person and virtual participation options. The meeting will be held in the Pecos Hall Hearing Room at the Wendall Chino Building, 1st Floor, 1220 South St. Francis Dr., Santa Fe, New Mexico. To participate virtually in the hearing, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/.

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. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Carson Cullen at (432) 682-3715, or at ccullen@mewbourne.com.

Sincerely,

Paula M. Vance

ATTORNEY FOR MEWBOURNE OIL COMPANY

Received by OCD: 2/6/2025 8:26:49 PM

MOC - San Lorenzo 551H, 553H, 556H, 558H wells - Overlapping - Case nos. 25141-25144 Postal Delivery Report

						Your item was delivered to the
						front desk, reception area, or
						mail room at 5:37 pm on
						January 30, 2025 in DALLAS, TX
9414811898765457978609	Raybaw Operating, LLC	2626 Cole Ave Ste 300	Dallas	TX	75204-1094	75204.
						Your item was delivered to an
						individual at the address at
						2:22 pm on January 27, 2025 in
9414811898765457978692	Chevron U.S.A. Inc.	6301 Deauville	Midland	TX	79706-2964	MIDLAND, TX 79706.
						Your item was delivered to the
						front desk, reception area, or
						mail room at 10:30 am on
						January 28, 2025 in HOPKINS,
9414811898765457978685	Northern Oil & Gas, Inc.	4350 Baker Rd Ste 400	Minnetonka	MN	55343-8628	MN 55343.
						Your item was picked up at a
						postal facility at 7:52 am on
						January 29, 2025 in SANTA FE,
9414811898765457978630	New Mexico State Land Office	310 Old Santa Fe Trl	Santa Fe	NM	87501-2708	NM 87501.

Received by OCD: 2/6/2025 8:26:49 PM

MOC - San Lorenzo 551H, 553H, 556H, 558H wells Standard - Case nos. 25141-25144 Postal Delivery Report

						A shipping label has been
						prepared for your item. A
						delivery date will be provided
						when USPS receives the
						package; contact the shipper or
						shipping partner with any
9414811898765458844842	Marathon Oil Permian, LLC	990 Town And Country Blvd	Houston	TX	77024-2217	inquiries.

AFFIDAVIT OF PUBLICATION

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

STATE OF NEW MEXICO

SS

COUNTY OF EDDY

Account Number: 1232 Ad Number:

31730

Description:

MOC - San Lorenzo 551H 25141

Ad Cost:

\$149.39

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:

January 30, 2025

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

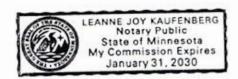
Sherry Danes

Subscribed to and sworn to me this 30th day of January 2025.

Leanne Kaufenberg, Notary Public, Redwood County

Minnesota

KARI REESE HOLLAND & HART LLP 420 L STREET, SUITE 550 ANCHORAGE, AK 99501 klreese@hollandhart.com



BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico **Exhibit No. F** Submitted by: Mewbourne Oil Company Hearing Date: February 13, 2025 Case No. 25141

PUBLIC NOTICE

Case No. 25141: Application of Mewbourne Oil Company for Approval an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Eddy County, New Mexico. Notice to all affected interest owners, including all heirs, devisees and successors of: Raybaw Operating, LLC; Chevron U.S.A. Inc.; Northern Oil & Gas, Inc.; New Mexico State Land Office; Marathon Oil Permian, LLC. The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearing 8:30 a.m. on February 13, 2025, to consider this application. The hearing will be conducted in a hybrid fashion, both 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 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To partici-pate in the hearings electronically, see the instructions posted on the docket for the hearing date: https://www.emnrd.nm.gov/ocd/ hearing-info/ or contact Freya Tschantz, at Freya Tschantz@ emnrd.nm.gov. Applicant in the above-styled cause seeks an order (1) approving a 320.62acre, more or less, overlapping horizontal well spacing unit in horizontal well spacing unit in the Bone Spring formation underlying Lot 4, SE/4 NW/4, and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 4, and W/2 W/2 of Section 9. Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico, and (2) pooling all uncommitted interests in all uncommitted interests in this acreage. Mewbourne seeks to dedicate the abovereferenced overlapping horizontal spacing unit to the proposed San Lorenzo 9-4 State Com #551H well, to be drilled from a surface hole location in the SE/4 SW/4 (Unit N) of Section 9 to a bottom hole location in Lot 4 (NW/4 NW/4 equivalent) of irregular Section 4. This proposed horizontal well spacing unit will overlap the following existing spacing units in the Bone Spring formation:

160-acre spacing unit comprised of Lot 4, \$W/4 NW/4, and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 4, T25S-R28E, dedicated to the Odie 4 State 1H (API: 30-015-41311) well currently operated by RAYBAW Operating, LLC; and

ing, LLC; and
160-acre spacing unit comprised of the W/2 W/2 of
Section 9, T25S-R28E, dedicated to the San Lorenzo 9 MD
Fee 1H (API: 30-015-41305)
well currently operated by
Mewbourne Oil Company.

Also to be considered will be the cost of drilling and completing the well, the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of Applicant as operator, and a 200% charge for risk involved in drilling and completing the well. Said area is located approximately 5 miles southwest of Malaga. New Mexico.

Published in the Carlsbad Current-Argus January 30, 2025. #31730