

CASE NO. 25429

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

EXHIBIT LIST

1. Pooling Checklist
 2. Landman's Affidavit
 - 2-A: C-102s
 - 2-B: Ownership Plat and Lists
 - 2-C: Summary of Contacts
 - 2-D: AFEs
 3. Geologist's Affidavit
 - 3-A: Activity/Structure Map
 - 3-B: Cross-Section
 - 3-C: Cross-Section
 4. Affidavit of Certified Mailing
 - 4-A: Notice Letter and Receipts
 - 4-B: Certified Notice Spreadsheet
 5. Affidavit of Publication
 6. Application and Proposed Notice
- } Part I

COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	APPLICANT'S RESPONSE
Case:	25429
Date	July 11, 2025
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company (OGRID No. 14744)
Applicant's Counsel:	James Bruce
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	
Well Family	Querecho Bone Spring wells
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring formation
Pool Name and Pool Code:	Querecho Plains; Bone Spring Pool (Code 50510)
Well Location Setback Rules:	330' and 100' setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	1280 acres
Building Blocks:	40 acres
Orientation:	North-South
Description: TRS/County	All of Sections 23 and 26, Township 18 South, Range 32 East, NMPPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	No. See above description. NSP has been approved administratively.
Other Situations	EXHIBIT 1
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No

Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibit 2-B
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	
Well #1	Querecho 23/26 Fed. Com. Well No. 521H API No.: Pending SHL: 230 FNL & 1160 FWL Sec. 23 BHL: 100 FSL & 660 FWL Sec. 26 FTP: 100 FNL & 660 FWL Sec. 23 Second Bone Spring formation / TVD 9625' / MD 19550 '
Well #2	Querecho 23/26 Fed. Com. Well No. 523H API No.: 30-025-51936 SHL: 235 FNL & 2445 FWL Sec. 23 BHL: 88 FSL & 1942 FEL Sec. 26 FTP: 406 FNL & 1993 FEL Sec. 23 Second Bone Spring formation / TVD 9625' / MD 19640 '
Well #3	Querecho 23/26 Fed. Com. Well No. 524H API No.: Pending SHL: 230 FNL & 1200 FWL Sec. 23 BHL: 100 FSL & 1980 FWL Sec. 26 FTP: 100 FNL & 1980 FWL Sec. 23 Second Bone Spring formation / TVD 9635' / MD 19650 '
Well #4	Querecho 23/26 Fed. Com. Well No. 612H API No.: Pending SHL: 230 FNL & 1180 FWL Sec. 23 BHL: 100 FSL & 820 FWL Sec. 26 FTP: 100 FNL & 820 FWL Sec. 23 Third Bone Spring formation / TVD 10317' / MD 20200 '
Well #5	Querecho 23/26 Fed. Com. Well No. 616H API No.: 30-025-51916 SHL: 235 FNL & 2415 FWL Sec. 23 BHL: 87 FSL & 1823 FWL Sec. 26 FTP: 407 FNL & 1815 FWL Sec. 23 Third Bone Spring formation / TVD 10314' / MD 20260 '
Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above

AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000.00
Production Supervision/Month \$	\$1,000.00
Justification for Supervision Costs	Exhibit 2
Requested Risk Charge	Cost plus 200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit 6
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 4
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit 5
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit 2-B
Tract List (including lease numbers and owners)	Exhibit 2-B
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 2-B; Working Interest and Record Title Owners
Unlocatable Parties to be Pooled	
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit 2-C
List of Interest Owners (i.e. Exhibit A of JOA)	Exhibit 2-B
Chronology of Contact with Non-Joined Working Interests	Exhibit 2-C
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 2-D
Cost Estimate to Equip Well	Exhibit 2-D
Cost Estimate for Production Facilities	Exhibit 2-D
Geology	

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

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

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

Case No. 25435

VERIFIED STATEMENT OF HUDSON BRUNSON

Hudson Brunson being duly sworn upon his oath, deposes and states:

1. I am a landman for Mewbourne Oil Company (“Mewbourne”), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.
2. The purpose of this application is to force pool working interest owners into the Bone Spring non-standard horizontal spacing unit described below, and in wells to be drilled in the unit.
3. The parties being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interests to the wells.
4. In this case Mewbourne seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a non-standard spacing unit comprised of all of Sections 23 and 26, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico. Applicant proposes to drill the following wells in the unit:
 - (a) The Querecho 23/26 Fed. Com. Well No. 521H, with a first take point in the NW/4NW/4 of Section 23 and a last take point in the SW/4SW/4 of Section 26;
 - (b) The Querecho 23/26 Fed. Com. Well No. 524H, with a first take point in the NE/4NW/4 of Section 23 and a last take point in the SE/4SW/4 of Section 26;
 - (c) The Querecho 23/26 Fed. Com. Well No. 523H, with a first take point in the NW/4NE/4 of Section 23 and a last take point in the SW/4SE/4 of Section 26;
 - (d) The Querecho 23/26 Fed. Com. Well No. 612H, with a first take point in the NW/4NW/4 of Section 23 and a last take point in the SW/4SW/4 of Section 26; and
 - (e) The Querecho 23/26 Fed. Com. Well No. 616H, with a first take point in the NE/4NW/4 of Section 23 and a last take point in the SE/4SW/4 of Section 26.
5. There are no depth severances in the Bone Spring formation.

EXHIBIT

2

6. Form C-102s for the wells are attached as Exhibit 2-A.

7. A land plat, including interest owners in each tract and identifying the parties being pooled, are set forth in Exhibit 2-B. For notice purposes I provided Mewbourne's attorney with their current addresses. To locate the parties, we examined county and federal government records, and also conducted internet searches including Google and Drillinginfo.

8. Exhibit 2-C contains a summary of contacts with the interest owners, together with sample copies of the proposal letters sent to them. In addition, I subsequently contacted or attempted to contact the interest owners.

9. Mewbourne has made a good faith effort to locate and obtain the voluntary joinder of the working interest owners in the proposed wells.

10. Exhibit 2-D contains an Authorization for Expenditure for each proposed well. The estimated cost of the wells set forth therein are fair and reasonable, and are comparable to the costs of other wells of similar depth and length drilled in this area of Lea County.

11. Mewbourne requests overhead and administrative rates of \$10000/month for a drilling well and \$1000/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Lea County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

12. Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

13. Mewbourne requests that it be designated as operator of the subject wells.

14. The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.

15. The granting of this application is in the interests of conservation and the prevention of waste.

I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 15 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

July 2, 2025
Date

Hudson Brunson
Hudson Brunson

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 50510		3 Pool Name QUERECHO PLAINS; BONE SPRING	
4 Property Code		5 Property Name QUERECHO 23/26 FED COM			6 Well Number 521H
7 OGRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY			9 Elevation 3785'

10 Surface Location

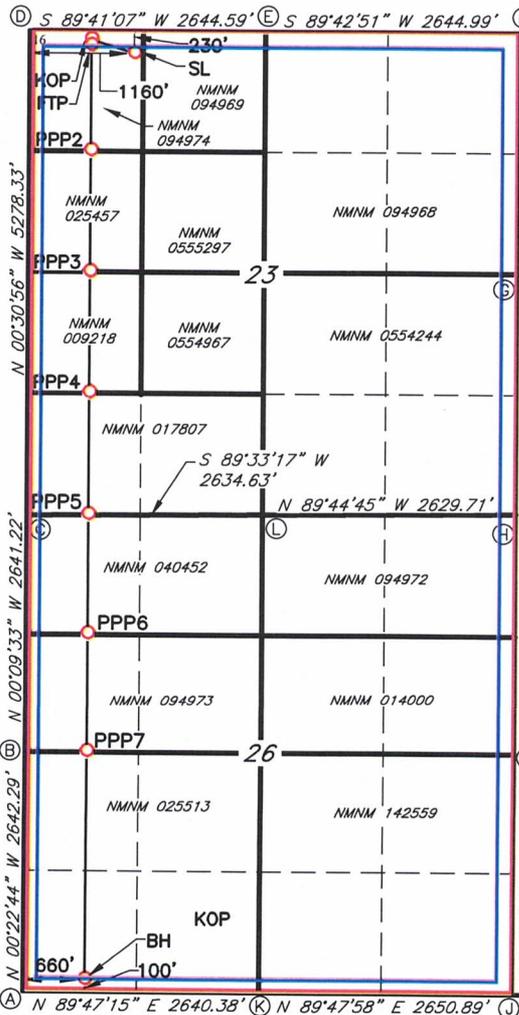
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
D	23	18S	32E		230	NORTH	1160	WEST	LEA

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	26	18S	32E		100	SOUTH	660	WEST	LEA

12 Dedicated Acres 1280	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



GEODETIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)
N: 633300.1 - E: 723208.6
LAT: 32.7395841° N
LONG: 103.7418369° W

KICK OFF POINT (KOP)
10' FNL & 660' FWL (SEC.23)
N: 633517.3 - E: 722706.8
LAT: 32.7401887° N
LONG: 103.7434649° W

FIRST TAKE POINT (FTP)
100' FNL & 660' FWL (SEC.23)
N: 633427.3 - E: 722707.6
LAT: 32.7399414° N
LONG: 103.7434649° W

PROPOSED PENETRATION POINT 2 (PPP2)
1320' FNL & 657' FWL (SEC.23)
N: 632207.7 - E: 722716.0
LAT: 32.7365890° N
LONG: 103.7434589° W

PROPOSED PENETRATION POINT 3 (PPP3)
2637' FNL & 654' FWL (SEC.23)
N: 630888.0 - E: 722725.0
LAT: 32.7329619° N
LONG: 103.7434535° W

PROPOSED PENETRATION POINT 4 (PPP4)
1318' FNL & 652' FWL (SEC.23)
N: 629569.9 - E: 722734.0
LAT: 32.7293388° N
LONG: 103.7434481° W

PROPOSED PENETRATION POINT 5 (PPP5)
0' FNL & 649' FWL (SEC.26)
N: 628251.8 - E: 722743.0
LAT: 32.7257158° N
LONG: 103.7434427° W

PROPOSED PENETRATION POINT 6 (PPP6)
1322' FNL & 654' FWL (SEC.26)
N: 626930.3 - E: 722752.0
LAT: 32.7220834° N
LONG: 103.7434373° W

PROPOSED PENETRATION POINT 7 (PPP7)
2642' FNL & 659' FWL (SEC.26)
N: 625608.7 - E: 722761.0
LAT: 32.7184509° N
LONG: 103.7434319° W

BOTTOM HOLE (BH)
2642' FNL & 659' FWL (SEC.26)
N: 623067.0 - E: 722778.4
LAT: 32.7114645° N
LONG: 103.7434214° W

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Brett Miller 06/27/2024
Signature Date

Brett Miller
Printed Name

brett.miller@mewbourne.com
E-mail Address

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

04/10/2024
Date of Survey

Robert M. Howett
Signature and Seal of Professional Surveyor

19680
Certificate Number

REV: WELL CALLS 6/10/24



Job No.: LS24040271D

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https:// www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div style="margin-top: 10px;"> Submittal Type: <input type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div>
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WELL LOCATION INFORMATION

API Number 30-025-51936	Pool Code 50510	Pool Name QUERECHO PLAINS; LOWER BONE SPRING
Property Code 334688	Property Name QUERECHO 23/26 FED COM	Well Number 523H
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Ground Level Elevation 3790'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	23	18S	32E		235 FNL	2445 FWL	32.7395699N	103.7376586W	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	26	18S	32E		88 FSL	1942 FEL	32.7115578N	103.7346795W	LEA

Dedicated Acres 1280	Infill or Defining Well DEFINING	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.		Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No		

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	23	18S	32E		40 FNL	1983 FEL	32.7401058N	103.7348605W	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	23	18S	32E		406 FNL	1993 FEL	32.7390997N	103.7348913W	LEA

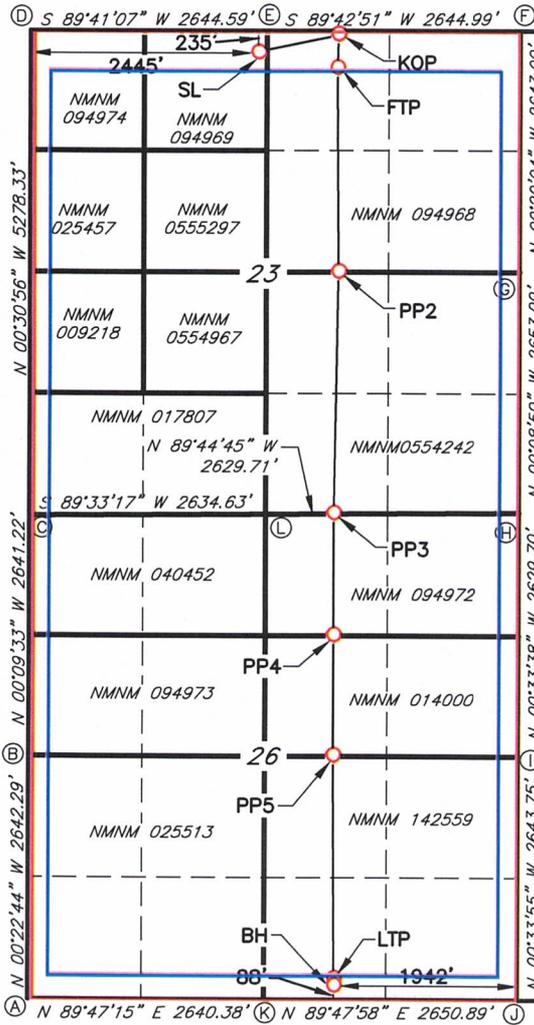
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	26	18S	32E		139 FSL	1945 FEL	32.7115578N	103.7346929W	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>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.</i></p> <p><i>Brett Miller</i> 02/03/2025 Signature Date</p> <p>Brett Miller Printed Name</p> <p>brett.miller@mewbourne.com Email Address</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: center;">  </div> <p>_____ Signature and Seal of Professional Surveyor</p> <p><i>Robert M. Howett</i> Certificate Number Date of Survey</p> <p>19680</p>
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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.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete

- CORNER DATA**
NAD 83 GRID - NM EAST
- A: FOUND BRASS CAP "1913"
N 622964.6 - E 722119.2
 - B: FOUND BRASS CAP "1913"
N 625606.2 - E 722101.7
 - C: FOUND BRASS CAP "1913"
N 628246.8 - E 722094.4
 - D: FOUND BRASS CAP "1913"
N 633523.6 - E 722046.9
 - E: FOUND BRASS CAP "1913"
N 633538.2 - E 724690.8
 - F: BRASS CAP "1913"
N 633551.4 - E 727335.2
 - G: FOUND BRASS CAP "1913"
N 630908.0 - E 727350.6
 - H: FOUND BRASS CAP "1913"
N 628255.6 - E 727357.4
 - I: FOUND BRASS CAP "1913"
N 625626.6 - E 727383.1
 - J: FOUND BRASS CAP "1913"
N 622983.6 - E 727409.2
 - K: FOUND BRASS CAP "1913"
N 622974.3 - E 724758.9
 - L: FOUND BRASS CAP "1913"
N 628267.2 - E 724728.3

11/29/2023



19680

Job No.: LS21070695AD

GEODETTIC DATA
NAD 83 GRID - NM EAST

- SURFACE LOCATION (SL)**
N: 633302.1 - E: 724493.4
LAT: 32.7395699° N
LONG: 103.7376586° W
- KICK OFF POINT (KOP)**
40' FNL & 1983' FEL SEC 23
N: 633501.9 - E: 725352.7
LAT: 32.7401058° N
LONG: 103.7348605° W
MD: = 8847.0'
- FIRST TAKE POINT (FTP)**
406' FNL & 1993' FEL SEC 23
N: 633135.9 - E: 725345.3
LAT: 32.7390997° N
LONG: 103.7348913° W
MD: = 9554.0'
- PENETRATION POINT 2 (PP2)**
2643' FNL & 1958' FEL SEC 23
N: 630899.6 - E: 725393.0
LAT: 32.7329524° N
LONG: 103.7347772° W
MD: = 11794.8'
- PENETRATION POINT 3 (PP3)**
0' FNL & 1977' FEL SEC 26
N: 628264.3 - E: 725380.8
LAT: 32.7257096° N
LONG: 103.7348653° W
MD: = 14433.6'
- PENETRATION POINT 4 (PP4)**
1323' FNL & 1838' FEL SEC 26
N: 626941.6 - E: 725399.4
LAT: 32.7220738° N
LONG: 103.7348291° W
MD: = 15757.4'
- PENETRATION POINT 5 (PP5)**
2646' FNL & 1968' FEL SEC 26
N: 625619.0 - E: 725415.9
LAT: 32.7184382° N
LONG: 103.7347996° W
MD: = 17082.2'
- LAST TAKE POINT (LTP)**
139' FSL & 1945' FEL SEC 26
N: 623116.0 - E: 725462.9
LAT: 32.7115578° N
LONG: 103.7346929° W
MD: = 19589.0'
- BOTTOM HOLE (BH)**
N: 623065.3 - E: 725467.3
LAT: 32.7114185° N
LONG: 103.7346795° W
MD: = 19640.0'

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled
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WELL LOCATION INFORMATION

API Number	Pool Code 50510	Pool Name QUERECHO PLAINS; BONE SPRING
Property Code	Property Name QUERECHO 23/26 FED COM	Well Number 524H
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Ground Level Elevation 3785
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	23	18S	32E		230 FNL	1200 FWL	32.7395841	-103.7417066	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	26	18S	32E		100 FSL	1980 FWL	32.7114577	-103.7391309	LEA

Dedicated Acres 1280	Infill or Defining Well	Defining Well API 30-025-51936	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	23	18S	32E		10 FNL	1980 FWL	32.7401883	-103.7391730	LEA

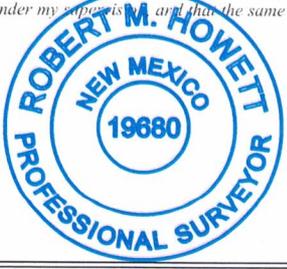
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	23	18S	32E		100 FNL	1980 FWL	32.7399409	-103.7391727	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	23	18S	32E		583 FNL	1980 FWL	32.7399409	-103.7391652	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3785
-------------------------------------------	----------------------------------------------------------------------------------------------------	-------------------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>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.</i></p> <p><i>Ryan McDaniel</i> 1/31/25</p> <p>Signature Date</p> <p>RYAN MCDANIEL</p> <p>Printed Name</p> <p>RYANMCDANIEL@MEWBOURNE.COM</p> <p>Email Address</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: center;">  </div> <p>Signature and Seal of Professional Surveyor</p> <p><i>Robert M. Howett</i></p> <p>Certificate Number Date of Survey</p> <p>19680 1/31/2025</p>
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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.

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

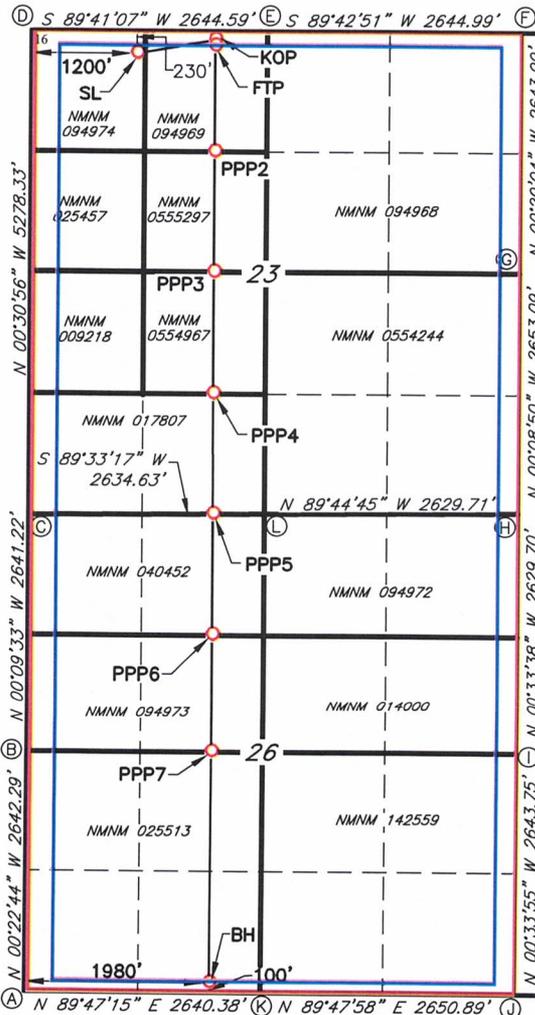
Table with 3 main columns: 1 API Number, 2 Pool Code (50510), 3 Pool Name (QUERECHO PLAINS; BONE SPRING). Includes Property Code, Property Name (QUERECHO 23/26 FED COM), Well Number (524H), OGRID NO. (14744), Operator Name (MEWBOURNE OIL COMPANY), and Elevation (3785').

10 Surface Location table with columns: UL or lot no. (D), Section (23), Township (18S), Range (32E), Lot Idn, Feet from the (230), North/South line (NORTH), Feet From the (1200), East/West line (WEST), County (LEA).

11 Bottom Hole Location If Different From Surface table with columns: UL or lot no. (N), Section (26), Township (18S), Range (32E), Lot Idn, Feet from the (100), North/South line (SOUTH), Feet from the (1980), East/West line (WEST), County (LEA).

12 Dedicated Acres (1280), 13 Joint or Infill, 14 Consolidation Code, 15 Order No.

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



GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION (SL)
N: 633300.3 - E: 723248.7
LAT: 32.7395841° N
LONG: 103.7417066° W
KICK OFF POINT (KOP)
10' FNL & 1980' FWL (SEC.23)
N: 633524.5 - E: 724026.5
LAT: 32.7401884° N
LONG: 103.7391730° W
FIRST TAKE POINT (FTP)
100' FNL & 1980' FWL (SEC.23)
N: 633434.5 - E: 724027.3
LAT: 32.7399410° N
LONG: 103.7391720° W
PROPOSED PENETRATION POINT 2 (PPP2)
1321' FNL & 1977' FWL (SEC.23)
N: 632214.1 - E: 724035.6
LAT: 32.7365866° N
LONG: 103.7391672° W
PROPOSED PENETRATION POINT 3 (PPP3)
2632' FSL & 1975' FWL (SEC.23)
N: 630893.7 - E: 724044.6
LAT: 32.7329573° N
LONG: 103.7391620° W
PROPOSED PENETRATION POINT 4 (PPP4)
1316' FSL & 1972' FWL (SEC.23)
N: 629577.9 - E: 724053.6
LAT: 32.7293405° N
LONG: 103.7391567° W
PROPOSED PENETRATION POINT 5 (PPP5)
0' FNL & 1969' FWL (SEC.26)
N: 628262.1 - E: 724062.6
LAT: 32.7257237° N
LONG: 103.7391515° W
PROPOSED PENETRATION POINT 6 (PPP6)
1324' FNL & 1974' FWL (SEC.26)
N: 628938.0 - E: 724071.7
LAT: 32.7220842° N
LONG: 103.7391463° W
PROPOSED PENETRATION POINT 7 (PPP7)
2643' FSL & 1979' FWL (SEC.26)
N: 625613.8 - E: 724080.7
LAT: 32.7184447° N
LONG: 103.7391410° W
BOTTOM HOLE (BH)
N: 623071.9 - E: 724098.0
LAT: 32.7114577° N
LONG: 103.7391309° W

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
Signature: Brett Miller
Date: 06/27/2024
Printed Name: Brett Miller
E-mail Address: brett.miller@mewbourne.com

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
Date of Survey: 04/10/2024
Signature and Seal of Professional Surveyor: [Seal of Robert M. Howett, Professional Surveyor, New Mexico, 19680]
Certificate Number: 19680
REV: WELL CALLS 6/10/24

Job No.: LS24040269D

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 50510		3 Pool Name QUERECHO PLAINS; BONE SPRING	
4 Property Code		5 Property Name QUERECHO 23/26 FED COM			6 Well Number 612H
7 OGRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY			9 Elevation 3785'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
D	23	18S	32E		230	NORTH	1180	WEST	LEA

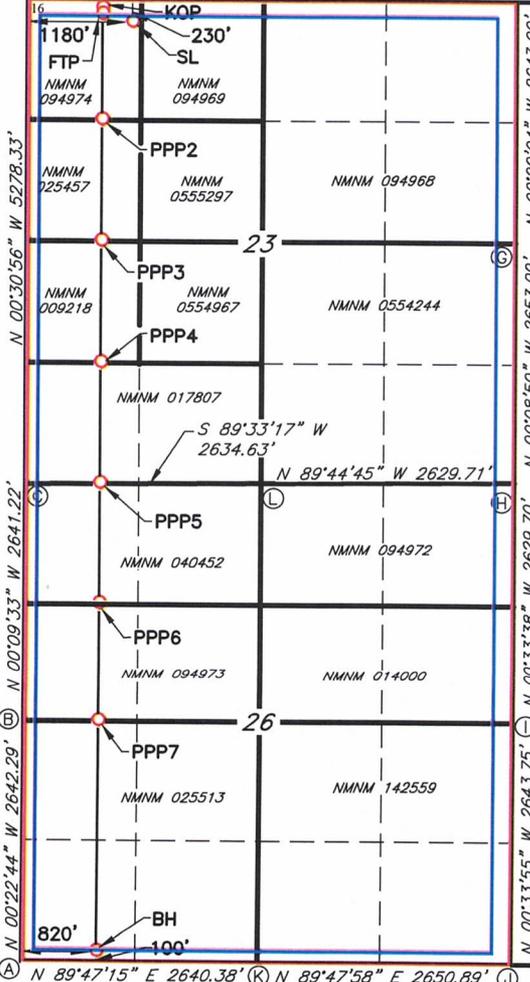
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	26	18S	32E		100	SOUTH	820	WEST	LEA

12 Dedicated Acres 1280	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

① S 89°41'07" W 2644.59' ② S 89°42'51" W 2644.99' ③



④ S 89°41'07" W 2644.59' ⑤ S 89°42'51" W 2644.99' ⑥

GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION (SL)
N: 633300.2 - E: 723228.7
LAT: 32.7395841° N
LONG: 103.7417718° W

KICK OFF POINT (KOP)
10' FNL & 820' FWL (SEC.23)
N: 633518.2 - E: 722866.8
LAT: 32.7401887° N
LONG: 103.7429447° W

FIRST TAKE POINT (FTP)
100' FNL & 820' FWL (SEC.23)
N: 633428.2 - E: 722867.8
LAT: 32.7399414° N
LONG: 103.7429447° W

PROPOSED PENETRATION POINT 2 (PPP2)
1320' FNL & 817' FWL (SEC.23)
N: 632208.4 - E: 722875.9
LAT: 32.7365887° N
LONG: 103.7429333° W

PROPOSED PENETRATION POINT 3 (PPP3)
2636' FSL & 814' FWL (SEC.23)
N: 630888.7 - E: 722884.9
LAT: 32.7329613° N
LONG: 103.7429333° W

PROPOSED PENETRATION POINT 4 (PPP4)
1318' FSL & 812' FWL (SEC.23)
N: 629570.9 - E: 722893.9
LAT: 32.7293391° N
LONG: 103.7429279° W

PROPOSED PENETRATION POINT 5 (PPP5)
0' FNL & 809' FWL (SEC.26)
N: 628253.1 - E: 722902.9
LAT: 32.7257168° N
LONG: 103.7429226° W

PROPOSED PENETRATION POINT 6 (PPP6)
1322' FNL & 814' FWL (SEC.26)
N: 626931.2 - E: 722911.9
LAT: 32.7220835° N
LONG: 103.7429172° W

PROPOSED PENETRATION POINT 7 (PPP7)
2642' FSL & 819' FWL (SEC.26)
N: 625609.3 - E: 722921.0
LAT: 32.7184502° N
LONG: 103.7429118° W

BOTTOM HOLE (BH)
N: 623067.6 - E: 722938.3
LAT: 32.714637° N
LONG: 103.7429014° W

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Brett Miller 06/27/2024
Signature Date

Brett Miller
Printed Name

brett.miller@mewbourne.com
E-mail Address

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

04/10/2024
Date of Survey

Signature and Seal of Professional Surveyor

19680
Certificate Number

REV: WELL CALLS 6/10/24

19680
Certificate Number

ROBERT M. HOWETT
PROFESSIONAL SURVEYOR
NEW MEXICO
19680

Job No.: LS24040270D

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https:// www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting			
		Submittal Type: <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Initial Submittal</td> </tr> <tr> <td><input type="checkbox"/> Amended Report</td> </tr> <tr> <td><input type="checkbox"/> As Drilled</td> </tr> </table>	<input type="checkbox"/> Initial Submittal	<input type="checkbox"/> Amended Report	<input type="checkbox"/> As Drilled
<input type="checkbox"/> Initial Submittal					
<input type="checkbox"/> Amended Report					
<input type="checkbox"/> As Drilled					

WELL LOCATION INFORMATION

API Number 30-025-51916	Pool Code 50510	Pool Name QUERECHO PLAINS; LOWER BONE SPRING
Property Code 334678	Property Name QUERECHO 23/26 FED COM	Well Number 616H
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Ground Level Elevation 3790'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	23	18S	32E		235 FNL	2415 FWL	32.7395699N	103.7377563W	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	26	18S	32E		87 FSL	1823 FWL	32.7114230N	103.7396411W	LEA

Dedicated Acres 1280	Infill or Defining Well DEFINING	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	23	18S	32E		33 FNL	1828 FWL	32.7401254N	103.7396657W	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	23	18S	32E		407 FNL	1815 FWL	32.7390978N	103.7397063W	LEA

Last Take Point (LTP)

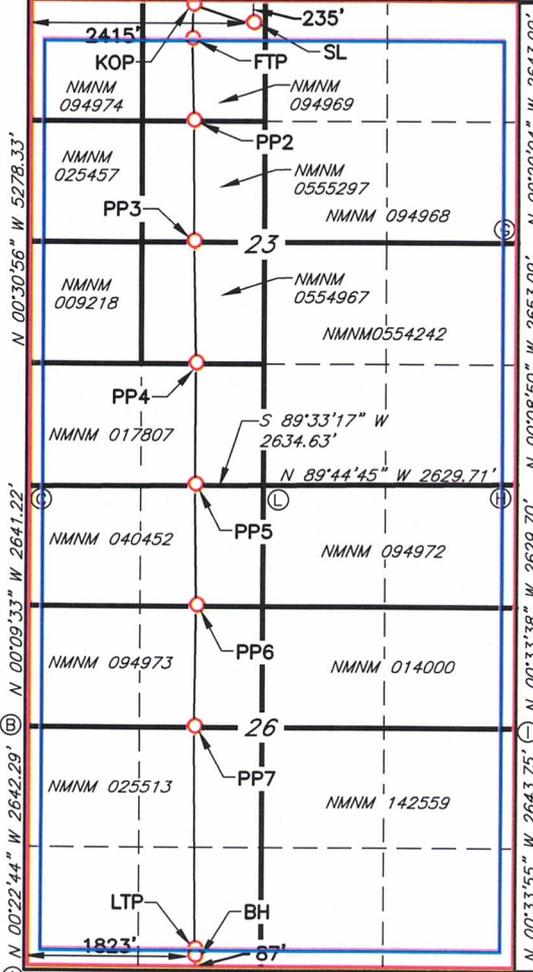
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	26	18S	32E		140 FSL	1819 FWL	32.7115681N	103.7396542W	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>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.</i></p> <p><u>Brett Miller</u> 02/03/2025 Signature Date</p> <p>Brett Miller Printed Name</p> <p><u>brett.miller@mewbourne.com</u> Email Address</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: center;">  </div> <p>_____ Signature and Seal of Professional Surveyor</p> <p><u>Robert M. Howett</u> Certificate Number Date of Survey</p> <p>19680</p>
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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.

② S 89°41'07" W 2644.59' ③ S 89°42'51" W 2644.99' ④



① N 00°30'56" W 5278.33' ⑤ N 00°20'04" W 2643.99' ⑥ N 00°08'50" W 2653.09' ⑦ N 00°33'38" W 2629.70' ⑧ N 00°33'38" W 2629.70' ⑨ N 00°33'55" W 2643.75' ⑩ N 00°33'55" W 2643.75' ⑪ N 00°22'44" W 2642.29' ⑫ N 00°09'33" W 2641.22' ⑬ N 00°22'44" W 2642.29' ⑭ N 89°47'15" E 2640.38' ⑮ N 89°47'58" E 2650.89' ⑯

OPERATOR CERTIFICATION

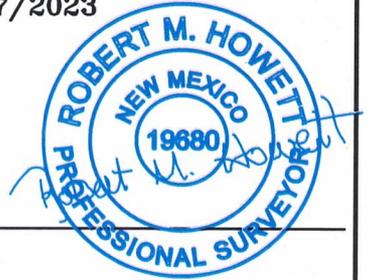
I hereby certify that the information contained herein is true and complete

CORNER DATA

NAD 83 GRID - NM EAST

- A: FOUND BRASS CAP "1913"
N 622964.6 - E 722119.2
- B: FOUND BRASS CAP "1913"
N 625606.2 - E 722101.7
- C: FOUND BRASS CAP "1913"
N 628246.8 - E 722094.4
- D: FOUND BRASS CAP "1913"
N 633523.6 - E 722046.9
- E: FOUND BRASS CAP "1913"
N 633538.2 - E 724690.8
- F: BRASS CAP "1913"
N 633551.4 - E 727335.2
- G: FOUND BRASS CAP "1913"
N 630908.0 - E 727350.6
- H: FOUND BRASS CAP "1913"
N 628255.6 - E 727357.4
- I: FOUND BRASS CAP "1913"
N 625626.6 - E 727383.1
- J: FOUND BRASS CAP "1913"
N 622983.6 - E 727409.2
- K: FOUND BRASS CAP "1913"
N 622974.3 - E 724758.9
- L: FOUND BRASS CAP "1913"
N 628267.2 - E 724728.3

11/17/2023



19680

Job No.: LS21070694AD

GEODETIC DATA

NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)

N: 633302.0 - E: 724463.4
LAT: 32.7395699° N
LONG: 103.7377563° W

KICK OFF POINT (KOP)

33' FNL & 1828' FWL SEC 23

N: 633500.8 - E: 723875.1
LAT: 32.7401254° N
LONG: 103.7396657° W
MD: = 9504.0'

FIRST TAKE POINT (FTP)

407' FNL & 1815' FWL SEC 23

N: 633126.8 - E: 723864.7
LAT: 32.7390978° N
LONG: 103.7397063° W
MD: = 10202.0'

PENETRATION POINT 2 (PP2)

1321' FNL & 1825' FWL SEC 23

N: 632213.4 - E: 723883.6
LAT: 32.7365868° N
LONG: 103.7396617° W
MD: = 11117.6'

PENETRATION POINT 3 (PP3)

2641' FNL & 1821' FWL SEC 23

N: 630893.1 - E: 723891.5
LAT: 32.7329578° N
LONG: 103.7396600° W
MD: = 12438.7'

PENETRATION POINT 4 (PP4)

1316' FNL & 1838' FWL SEC 23

N: 629577.1 - E: 723919.7
LAT: 32.7293404° N
LONG: 103.7395922° W
MD: = 13755.6'

PENETRATION POINT 5 (PP5)

0' FNL & 1822' FWL SEC 26

N: 628260.9 - E: 723915.7
LAT: 32.7257229° N
LONG: 103.7396293° W
MD: = 15072.4'

PENETRATION POINT 6 (PP6)

1324' FNL & 1838' FWL SEC 26

N: 626937.2 - E: 723935.9
LAT: 32.7220841° N
LONG: 103.7395875° W
MD: = 16397.1'

PENETRATION POINT 7 (PP7)

2648' FNL & 1817' FWL SEC 26

N: 625613.2 - E: 723918.5
LAT: 32.7184455° N
LONG: 103.7396684° W
MD: = 17722.6'

LAST TAKE POINT (LTP)

140' FNL & 1819' FWL SEC 26

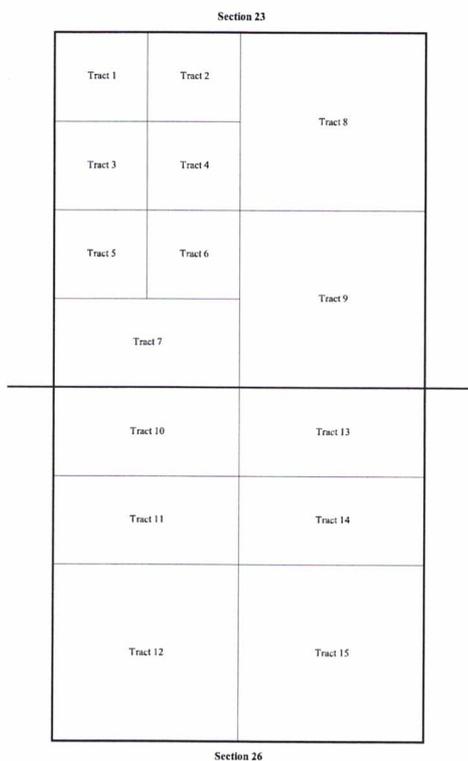
N: 623111.1 - E: 723936.9
LAT: 32.7115681° N
LONG: 103.7396542° W
MD: = 20227.0'

BOTTOM HOLE

N: 623058.3 - E: 723941.2

LAT: 32.7114230° N
LONG: 103.7396411° W
MD: = 20277.0'

Section Plat
 Querecho 23/26 Fed Com #521H
 Querecho 23/26 Fed Com #523H
 Querecho 23/26 Fed Com #524H
 Querecho 23/26 Fed Com #612H
 Querecho 23/26 Fed Com #616H
 Section 23 and Section 26
 T18S-R32E, Lea County, NM



Tract 1: NW/4NW/4 of Section 23 - Federal Lease NMNM 094974
 Mewbourne Oil Company
 Stumboffler Family Partnership, L.P.
 Murjo Oil & Royalty (Record Title Owner)

Tract 2: NE/4NW/4 of Section 23 - Federal Lease NMNM 094969
 Mewbourne Oil Company

Tract 3: SW/4NW/4 of Section 23 - Federal Lease NMNM 025457
 Mewbourne Oil Company
 Murjo Oil & Royalty (Record Title Owner)

Tract 4: SE/4NW/4 of Section 23 - Federal Lease NMNM 055297
 Mewbourne Oil Company

Tract 5: NW/4SW/4 of Section 23 - Federal Lease NMNM 009218
 Mewbourne Oil Company
 Chevron USA Inc. (Record Title Owner)

Tract 6: NE/4SW/4 of Section 23 - Federal Lease NMNM 0554967
 Mewbourne Oil Company
 XTO Holdings LLC (Record Title Owner)

Tract 7: S/2SW/4 of Section 23 - Federal Lease NMNM 017807
 Mewbourne Oil Company
 Marshall & Winston Inc (Record Title Owner)

Tract 8: NE/4 of Section 23 - Federal Lease NMNM 094968
 Mewbourne Oil Company
 OHB Inc (Record Title Owner)
 Jack Huff (Record Title Owner)
 Nancy E. Hayes (Record Title Owner)
 Steven L. Burleson (Record Title Owner)

Tract 9: SE/4 of Section 23 - Federal Lease NMNM 0554244
 Mewbourne Oil Company
 OHB Inc (Record Title Owner)
 Jack Huff (Record Title Owner)
 Nancy E. Hayes (Record Title Owner)
 Steven L. Burleson (Record Title Owner)

Tract 10: N/2NW/4 of Section 26 - Federal Lease NMNM 040452
 Mewbourne Oil Company
 Devon Energy Production Company, L.P.
 James L. Harden III (Record Title Owner)
 C. Daniel Walker (Record Title Owner)
 Burleson Petroleum Inc (Record Title Owner)
 Horseshoe Operating Inc (Record Title Owner)
 Jack Huff (Record Title Owner)
 Lenox Mineral Title Holdings Inc (Record Title Owner)
 OHB Inc (Record Title Owner)
 Shogoli & Gas Co II LLC (Record Title Owner)
 Daniel C Walker (Record Title Owner)

Tract 11: S/2NW/4 of Section 26 - Federal Lease NMNM 094973
 Mewbourne Oil Company
 Devon Energy Production Company, L.P.
 Jack Huff Energy, Ltd.
 James L. Harden III (Record Title Owner)
 C. Daniel Walker (Record Title Owner)
 Burleson Petroleum Inc (Record Title Owner)
 Horseshoe Operating Inc (Record Title Owner)
 Jack Huff (Record Title Owner)
 Lenox Mineral Title Holdings Inc (Record Title Owner)
 OHB Inc (Record Title Owner)
 Shogoli & Gas Co II LLC (Record Title Owner)
 Daniel C Walker (Record Title Owner)

Tract 12: SW/4 of Section 26 - Federal Lease NMNM 025513
 Mewbourne Oil Company
 Roy L. Crow and Ann L. Crow, his wife
 Lewis B Burleson (Record Title Owner)
 Jack Huff (Record Title Owner)
 OHB Inc (Record Title Owner)

Tract 13: N/2NE/4 of Section 26 - Federal Lease NMNM 094972
 Mewbourne Oil Company
 James J. Cole (Record Title Owner)
 Jimmie Cole (Record Title Owner)
 Katherine D. Crews Estate (Record Title Owner)
 Susie Crews (Record Title Owner)
 Jack Huff (Record Title Owner)
 Courtenay C. Johnson (Record Title Owner)
 Lewis B Burleson (Record Title Owner)
 OHB Inc (Record Title Owner)

Tract 14: S/2NE/4 of Section 26 - Federal Lease NMNM 014000
 Mewbourne Oil Company
 James J. Cole (Record Title Owner)
 Jimmie Cole (Record Title Owner)
 Katherine D. Crews Estate (Record Title Owner)
 Susie Crews (Record Title Owner)
 Lewis B Burleson (Record Title Owner)
 Jack Huff (Record Title Owner)
 Courtenay C. Johnson (Record Title Owner)
 OHB Inc (Record Title Owner)

Tract 15: SE/4 of Section 26 - Federal Lease NMNM 142559
 Mewbourne Oil Company

EXHIBIT 2.B

TRACT OWNERSHIP
 Querecho 23/26 Fed Com #521H
 Querecho 23/26 Fed Com #523H
 Querecho 23/26 Fed Com #524H
 Querecho 23/26 Fed Com #612H
 Querecho 23/26 Fed Com #616H
 Section 23 & Section 26

Section 23 & Section 26
Bone Spring Formation:

Owner	% of Leasehold Interest
Mewbourne Oil Company	94.069662%
*Devon Energy Production Company, L.P.	5.670166%
*Stumhoffer Family Partnership, LP	0.156250%
*Jack Huff Energy, Ltd.	0.010173%
*Roy L. Crow and Ann L. Crow, his wife	0.093750%
TOTAL	100.000000%
*Total Interest Being Pooled:	5.930338%

OWNERSHIP BY TRACT

NW/4NW/4 of Section 23

Owner	% of Leasehold Interest
Mewbourne Oil Company	95.000000%
Stumhoffer Family Partnership, LP	5.000000%
TOTAL	100.000000%

NE/4NW/4 of Section 23

Owner	% of Leasehold Interest
Mewbourne Oil Company	100.000000%
TOTAL	100.000000%

SW/4NW/4 of Section 23

Owner	% of Leasehold Interest
Mewbourne Oil Company	100.000000%
TOTAL	100.000000%

SE/4NW/4 of Section 23

Owner	% of Leasehold Interest
Mewbourne Oil Company	100.000000%
TOTAL	100.000000%

NW/4SW/4 of Section 23

Owner	% of Leasehold Interest
Mewbourne Oil Company	100.000000%
TOTAL	100.000000%

NE/4SW/4 of Section 23

Owner	% of Leasehold Interest
Mewbourne Oil Company	100.000000%
TOTAL	100.000000%

S/2SW/4 of Section 23

Owner	% of Leasehold Interest
Mewbourne Oil Company	100.000000%
TOTAL	100.000000%

NE/4 of Section 23

Owner	% of Leasehold Interest
Mewbourne Oil Company	100.000000%
TOTAL	100.000000%

SE/4 of Section 23

Owner	% of Leasehold Interest
Mewbourne Oil Company	100.000000%
TOTAL	100.000000%

N/2NW/4 of Section 26

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	68.750000%
Devon Energy Production Company, L.P.	31.250000%
TOTAL	100.000000%

S/2NW/4 of Section 26

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	68.587240%
Devon Energy Production Company, L.P.	31.250000%
Jack Huff Energy, Ltd.	0.162760%
TOTAL	100.000000%

SW/4 of Section 26

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	99.250000%
Roy L. Crow and Ann L. Crow, his wife	0.750000%
TOTAL	100.000000%

N/2NE/4 of Section 26

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

S/2NE/4 of Section 26

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

SE/4 of Section 26

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

Summary of Communications
Querecho 23/26 Fed Com #521H
Querecho 23/26 Fed Com #523H
Querecho 23/26 Fed Com #524H
Querecho 23/26 Fed Com #612H
Querecho 23/26 Fed Com #616H
Section 23-T18S-R32E, Lea County, NM &
Section 26-T18S-R32E, Lea County, NM

Devon Energy Production Company, L.P.

06/13/2023: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to above listed party.

07/24/2023: Emailed employee of the above listed company.

07/26/2023: Emailed employee of the above listed company to answer more questions.

05/5/2025: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to above listed party.

05/15/2025: Emailed employee of the above listed company.

05/29/2025: Emailed employee of the above listed company to answer more questions.

Jack Huff Energy, Ltd.

06/13/2023: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to above listed party.

08/03/2023: Phone conversation with party who received my package.

08/03/2023: Emailed digital copies of the mailed package to the above listed party.

05/5/2025: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to above listed party.

Roy L. Crow and Ann L. Crow, his wife

06/13/2023: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to above listed party.

06/26/2023: Package was returned, so I searched a database for another address. I re-sent the same Working Interest Unit, Well Proposal and Joint Operating Agreement to above listed party at a different address.

07/18/2023: Package was returned, so I searched a database for another address. I re-sent the same Working Interest Unit, Well Proposal and Joint Operating Agreement to above listed party at a different address.

07/28/2023: Package was returned, so I searched a database for another address. I re-sent the same Working Interest Unit, Well Proposal and Joint Operating Agreement to above listed party at a different address.

05/5/2025: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to above listed party.

Stumhoffer Family Partnership, LP

06/13/2023: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to above listed party.

05/5/2025: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to above listed party.

06/10/2025: Emailed the party to answer their questions.

EXHIBIT

2.c

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715

June 13, 2023

Via Certified Mail

Working Interest Owner

Re: Querecho 23/26 B3CN Fed Com #1H
SL: 235' FNL & 2415' FWL (Section 23);
BHL: 100' FSL & 1830' FWL (Section 26)

Querecho 23/26 B2BO Fed Com #1H
SL: 235' FNL & 2445' FWL (Section 23);
BHL: 100' FSL & 1980' FEL (Section 26)

Sections 23 & 26, T18S, R32E
Lea County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 1280 acre Working Interest Unit ("WIU") covering all of the captioned Sections 23 & 26 for oil and gas production.

Mewbourne as Operator hereby proposes to drill the captioned Querecho 23/26 B3CN Fed Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 10,314 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 20,260 feet. The E/2W/2 of Section 23 and the E/2W/2 of Section 26 will be dedicated to the well as the proration unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Querecho 23/26 B2BO Fed Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,625 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 19,640 feet. The W/2E/2 of Section 23 and the W/2E/2 of Section 26 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling is our Operating Agreement dated February 1, 2023, along with an extra set of signature pages and our AFEs dated February 8, 2023, for the captioned proposed wells. Please sign and return said AFEs and extra set of signature pages at your earliest convenience if you elect to participate in the captioned wells and WIU and return to me within thirty (30) days.

In lieu of participation, Mewbourne is interested in acquiring an Assignment of your acreage.

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

Sincerely,
MEWBOURNE OIL COMPANY

Hudson Brunson
Landman

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715

May 5, 2025

Via Certified Mail

Working Interest Owner

Re: QUERECHO 23/26 FED COM #521H
230' FNL & 1160' FWL (SL) (Sec. 23)
100' FSL & 660' FWL (BHL) (Sec. 26)

QUERECHO 23/26 FED COM #524H
230' FNL & 1200' FWL (SL) (Sec. 23)
100' FSL & 1980' FWL (BHL) (Sec. 26)

QUERECHO 23/26 FED COM #612H
230' FNL & 1180' FWL (SL) (Sec. 23)
100' FSL & 820' FWL (BHL) (Sec. 26)

Sections 23 & 26, T18S, R32E
Lea County, New Mexico

Ladies and Gentlemen:

Under the terms of the governing operating agreement, Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to drill the captioned QUERECHO 23/26 FED COM #521H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,625 feet subsurface to evaluate the 2nd Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 19,550 feet.

In addition, Mewbourne as Operator hereby proposes to drill the captioned QUERECHO 23/26 FED COM #524H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,635 feet subsurface to evaluate the 2nd Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 19,650 feet.

In addition, Mewbourne as Operator hereby proposes to drill the captioned QUERECHO 23/26 FED COM #612H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 10,317 feet subsurface to evaluate the 3rd Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 20,200 feet.

Regarding the above, enclosed for your further handling are our AFEs dated April 17, 2025, for the captioned proposed wells. In the event you elect to participate in the proposed wells, please execute the enclosed AFEs and return them to me within thirty (30) days.

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

Sincerely,

MEWBOURNE OIL COMPANY

Hudson L. Brunson
Landman

MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

Well Name: QUERECHO 23/26 B2BO FED COM #1H		Prospect: Querecho	
Location: SL: 235 FNL & 2445 FWL (23); BHL: 100 FSL & 1980 FEL (26)		County: Lea	ST: NM
Sec. 23	TWP: 18S	RNG: 32E	Prop. TVD: 9625 TMD: 19640

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$25,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$75,000	0180-0206	\$50,000
Daywork / Turnkey / Footage Drilling	23 days drlg / 3 days comp @ \$30000/d	0180-0110	\$736,900	0180-0210	\$96,100
Fuel	1700 gal/day @ \$3.9/gal	0180-0114	\$162,900	0180-0214	\$318,200
Alternate Fuels		0180-0115		0180-0215	\$96,300
Mud, Chemical & Additives		0180-0120	\$40,000	0180-0220	
Mud - Specialized		0180-0121	\$210,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$200,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125	\$135,000	0180-0225	\$55,000
Logging & Wireline Services		0180-0130	\$32,500	0180-0230	\$377,000
Casing / Tubing / Snubbing Services		0180-0134	\$26,000	0180-0234	\$16,000
Mud Logging		0180-0137	\$15,000		
Stimulation	51 Stg 20.2 MM gallons/25.3 MM lb			0180-0241	\$3,049,600
Stimulation Rentals & Other				0180-0242	\$278,000
Water & Other	481000 bbls FW @ \$0.75/bbl f/ Buckeye	0180-0145	\$40,000	0180-0245	\$383,300
Bits		0180-0148	\$94,000	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				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$150,000		
Transportation		0180-0165	\$30,000	0180-0265	\$60,000
Welding, Construction & Maint. Services		0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision		0180-0170	\$163,800	0180-0270	\$75,900
Directional Services	Includes Vertical Control	0180-0175	\$340,000		
Equipment Rental		0180-0180	\$162,600	0180-0280	\$32,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,100	0180-0285	
Intangible Supplies		0180-0188	\$45,500	0180-0288	\$1,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect, ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$93,600	0180-0295	\$36,000
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$134,700	0180-0299	\$265,000
TOTAL			\$2,828,600		\$5,565,400

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19 1" - 30")		0181-0793			
Casing (10 1" - 19 0")	1260' - 13 3/8" 54 5# J-55 ST&C @ \$76.3/ft	0181-0794	\$102,700		
Casing (8 1" - 10 0")	2800' - 9 5/8" 40# J-55 LT&C @ \$55.54/ft	0181-0795	\$166,100		
Casing (6 1" - 8 0")	8900' - 7" 29# HPP110 BT&C @ \$59.83/ft	0181-0796	\$568,700		
Casing (4 1" - 6 0")	10940' - 4 1/2" 13 5# HCP-110 CDC-HTQ @ \$33.47/ft			0181-0797	\$391,100
Tubing	8650' - 2 7/8" 6 5# L-80 IPC Tbg @ \$19.89/ft			0181-0798	\$183,700
Drilling Head		0181-0850	\$50,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools	Completion Liner Hanger			0181-0871	\$75,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Service Pumps	(1/2) TP / CP / Circ pump			0181-0886	\$16,000
Storage Tanks	(1/2) (6)OT/(5)WT/(1)GB			0181-0890	\$203,000
Emissions Control Equipment	(1/2) (2)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR			0181-0892	\$137,700
Separation / Treating Equipment	(1/2) (2)H SEP/(1)V SEP/(2)VHT			0181-0895	\$76,600
Automation Metering Equipment				0181-0898	\$92,500
Oil/Gas Pipeline-Pipe/Valves&Misc	(1/2) Gas Line & GL Injection			0181-0900	\$21,700
Water Pipeline-Pipe/Valves & Misc	(1/2) SWDL Pipe/Fittings			0181-0901	\$27,000
On-site Valves/Fittings/Lines&Misc				0181-0906	\$175,000
Wellhead Flowlines - Construction				0181-0907	\$35,700
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$211,300
Equipment Installation				0181-0910	\$150,000
Oil/Gas Pipeline - Construction				0181-0920	\$15,100
Water Pipeline - Construction				0181-0921	\$21,200
TOTAL			\$887,500		\$1,887,600
SUBTOTAL			\$3,716,100		\$7,453,000
TOTAL WELL COST					\$11,169,100

I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.
Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line item 0180-0185.

I elect to purchase my own well control insurance policy.
If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions.

Prepared by: Ryan McDaniel	Date: 2/7/2023
Company Approval: <i>M. Whittier</i>	Date: 2/8/2023
Joint Owner Interest: _____ Amount: _____	Signature: _____

MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

Well Name: QUERECHO 23/26 FED COM #612H (B3DM) Prospect: Querecho
 Location: SL: 230 FNL & 1180 FWL (23); BHL: 100 FSL & 820 FWL (26) County: Lea ST: NM
 Sec. 23 Blk: Survey: TWP: 18S RNG: 32E Prop. TVD: 10317 TMD: 20200

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$35,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$60,000
Daywork / Turnkey / Footage Drilling	23 days drlg @ \$27000/d	0180-0110	\$663,200	0180-0210	
Fuel	1700 gal/day @ \$3.9/gal	0180-0114	\$162,900	0180-0214	\$55,000
Alternate Fuels		0180-0115		0180-0215	\$122,000
Mud, Chemical & Additives		0180-0120	\$50,000	0180-0220	
Mud - Specialized		0180-0121	\$215,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$332,000
Stimulation Toe Preparation				0180-0223	\$29,000
Cementing		0180-0125	\$195,000	0180-0225	
Logging & Wireline Services		0180-0130	\$29,000	0180-0230	\$307,000
Casing / Tubing / Snubbing Services		0180-0134	\$50,000	0180-0234	
Mud Logging		0180-0137	\$15,000		
Stimulation	51 Stg 20.2 MM gal / 20.2 MM lb			0180-0241	\$1,990,000
Stimulation Rentals & Other				0180-0242	\$379,000
Water & Other	100% FW @ \$0.85/bbl f/ Select - Twins Wells	0180-0145	\$40,000	0180-0245	\$437,000
Bits		0180-0148	\$85,400	0180-0248	\$5,000
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				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$150,000		
Transportation		0180-0165	\$30,000	0180-0265	\$60,000
Welding, Construction & Maint. Services		0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision		0180-0170	\$165,300	0180-0270	\$60,000
Directional Services	Includes Vertical Control	0180-0175	\$450,000		
Equipment Rental	ESP	0180-0180	\$158,000	0180-0280	\$150,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,200	0180-0285	
Intangible Supplies		0180-0188	\$25,000	0180-0288	\$1,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect, ROW Easements		0180-0192		0180-0292	\$70,000
Company Supervision		0180-0195	\$104,400	0180-0295	\$25,200
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$147,000	0180-0299	\$210,700
TOTAL			\$3,086,400		\$4,423,900

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	1300' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft	0181-0794	\$59,600		
Casing (8.1" - 10.0")	2800' - 9 5/8" 40# HPP-110 BT&C @ \$36.53/ft	0181-0795	\$109,200		
Casing (6.1" - 8.0")	9450' - 7" 29# HCP-110 LT&C @ \$30.17/ft	0181-0796	\$304,500		
Casing (4.1" - 6.0")	10750' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft			0181-0797	\$206,500
Tubing	9400' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.75/ft			0181-0798	\$107,900
Drilling Head		0181-0860	\$50,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools	Completion Liner Hanger			0181-0871	\$75,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Service Pumps	(1/5) TP/CP/Circ pump			0181-0886	\$11,000
Storage Tanks	(1/5) (6)OT(4)WT(2)GB			0181-0890	\$84,000
Emissions Control Equipment	(1/5) (3)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR			0181-0892	\$99,000
Separation / Treating Equipment	(1/5) (1)BULK H SEP/(2)TEST H SEP/(2)V SEP/(2)VHT/(1)H			0181-0895	\$60,000
Automation Metering Equipment				0181-0898	\$118,000
Oil/Gas Pipeline-Pipe/Valves&Misc				0181-0900	\$34,000
Water Pipeline-Pipe/Valves & Misc				0181-0901	\$18,000
On-site Valves/Fittings/Lines&Misc				0181-0906	\$134,000
Wellhead Flowlines - Construction				0181-0907	\$126,000
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$252,000
Equipment Installation				0181-0910	\$93,000
Oil/Gas Pipeline - Construction				0181-0920	\$59,000
Water Pipeline - Construction				0181-0921	\$11,000
TOTAL			\$523,300		\$1,543,400
SUBTOTAL			\$3,609,700		\$5,967,300

TOTAL WELL COST \$9,577,000

Insurance procured for the Joint Account by Operator

Opt-in. I elect to be covered by Operator's Extra Expense, Commercial General Liability, Pollution Legal Liability, and Excess/Umbrella Insurance Policies, and will pay my proportionate share of the premiums associated with these insurance coverages through joint account billings.

Opt-out. I elect to purchase my own policies for well control and other insurance requirements, or to self-insure (if applicable). By opting-out, I recognize I will be responsible for my own coverage and will not be afforded protection under operator's policies.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's insurance.

Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions.

Prepared by: Ryan McDaniel Date: 4/17/2025

Company Approval: *M. White* Date: 4/17/2025

Joint Owner Interest: _____ Amount: _____

Joint Owner Name: _____ Signature: _____

MEWBORNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: QUERECHO 23/26 B3CN FED COM #1H		Prospect: Querecho	
Location: SL: 235 FNL & 2415 FWL (23); BHL: 100 FSL & 1830 FWL (26)		County: Lea ST: NM	
Sec: 23	Blk: 18S	RNG: 32E	Prop. TVD: 10314 TMD: 20260

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$25,000	0180-0205	\$35,000
Daywork / Turnkey / Footage Drilling	23 days drlg / 3 days comp @ \$30000/d	0180-0106	\$75,000	0180-0206	\$50,000
Fuel	1700 gal/day @ \$3.9/gal	0180-0110	\$736,900	0180-0210	\$96,100
Alternate Fuels		0180-0114	\$162,900	0180-0214	\$318,200
Mud, Chemical & Additives		0180-0115		0180-0215	\$96,300
Mud - Specialized		0180-0120	\$40,000	0180-0220	
Horizontal Drillout Services		0180-0121	\$210,000	0180-0221	
Stimulation Toe Preparation				0180-0222	\$200,000
Cementing				0180-0223	\$40,000
Logging & Wireline Services		0180-0125	\$135,000	0180-0225	\$55,000
Casing / Tubing / Snubbing Services		0180-0130	\$32,500	0180-0230	\$377,000
Mud Logging		0180-0134	\$27,000	0180-0234	\$16,000
Stimulation	51 Stg 20.2 MM gallons/25.3 MM lb	0180-0137	\$15,000		
Stimulation Rentals & Other				0180-0241	\$3,049,600
Water & Other	481000 bbls FW @ \$0.75/bbl f/ Buckeye			0180-0242	\$278,000
Bits		0180-0145	\$40,000	0180-0245	\$383,300
Inspection & Repair Services		0180-0148	\$105,700	0180-0248	
Misc. Air & Pumping Services		0180-0150	\$50,000	0180-0250	\$5,000
Testing & Flowback Services		0180-0154		0180-0254	\$10,000
Completion / Workover Rig		0180-0158	\$12,000	0180-0258	\$24,000
Rig Mobilization				0180-0260	\$10,500
Transportation		0180-0164	\$150,000		
Welding, Construction & Maint Services		0180-0165	\$30,000	0180-0265	\$60,000
Contract Services & Supervision		0180-0168	\$4,000	0180-0268	\$16,500
Directional Services	Includes Vertical Control	0180-0170	\$163,800	0180-0270	\$75,900
Equipment Rental		0180-0175	\$340,000		
Well / Lease Legal		0180-0180	\$162,600	0180-0280	\$32,000
Well / Lease Insurance		0180-0184	\$5,000	0180-0284	
Intangible Supplies		0180-0185	\$5,200	0180-0285	
Damages		0180-0188	\$45,500	0180-0288	\$1,000
Pipeline Interconnect, ROW Easements		0180-0190	\$10,000	0180-0290	\$10,000
Company Supervision		0180-0192		0180-0292	\$5,000
Overhead Fixed Rate		0180-0195	\$93,600	0180-0295	\$36,000
Contingencies	5% (TCP) 5% (CC)	0180-0196	\$10,000	0180-0296	\$20,000
		0180-0199	\$135,300	0180-0299	\$265,000
TOTAL			\$2,842,000		\$5,565,400

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19 1/2" - 30")		0181-0793			
Casing (10 1/2" - 19 0")	1260' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft	0181-0794	\$102,700		
Casing (8 1/2" - 10 0")	2900' - 9 5/8" 40# J-55 LT&C @ \$55.54/ft	0181-0795	\$166,100		
Casing (6 1/2" - 8 0")	9510' - 7" 29# HPP110 BT&C @ \$59.83/ft	0181-0796	\$607,700		
Casing (4 1/2" - 6 0")	10985' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$33.47/ft			0181-0797	\$392,700
Tubing	9200' - 2 7/8" 6.5# L-80 IPC Tbg @ \$19.89/ft			0181-0798	\$195,400
Drilling Head		0181-0860	\$50,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools	Completion Liner Hanger			0181-0871	\$75,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Service Pumps	(1/2) TP / CP / Circ pump			0181-0886	\$16,000
Storage Tanks	(1/2) (6)OT/(5)WT/(1)GB			0181-0890	\$203,000
Emissions Control Equipment	(1/2) (2)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR			0181-0892	\$137,700
Separation / Treating Equipment	(1/2) (2)H SEP/(1)V SEP/(2)VHT			0181-0895	\$76,600
Automation Metering Equipment				0181-0898	\$92,500
Oil/Gas Pipeline-Pipe/Valves&Misc	(1/2) Gas Line & GL Injection			0181-0900	\$21,700
Water Pipeline-Pipe/Valves & Misc	(1/2) SWDL Pipe/Fittings			0181-0901	\$27,000
On-site Valves/Fittings/Lines&Misc				0181-0906	\$175,000
Wellhead Flowlines - Construction				0181-0907	\$35,700
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$211,300
Equipment Installation				0181-0910	\$150,000
Oil/Gas Pipeline - Construction				0181-0920	\$15,100
Water Pipeline - Construction				0181-0921	\$21,200
TOTAL			\$926,500		\$1,900,900
SUBTOTAL			\$3,768,500		\$7,466,300
TOTAL WELL COST					\$11,234,800

Extra Expense Insurance

I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.
Operator has secured Extra Expense insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

I elect to purchase my own well control insurance policy.
If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions.

Prepared by: Ryan McDaniel Date: 2/7/2023

Company Approval: [Signature] Date: 2/8/2023

Joint Owner Interest: _____ Amount: _____

Joint Owner Name: _____ Signature: _____