

CASE 20797

MEWBOURNE OIL COMPANY, APPLICANT  
EXHIBITS

EXHIBIT 1—VERIFIED STATEMENT OF ADRIANA  
SALGADO

Attachment 1—Tract Map and C-102

Attachment 2—Tract Ownership

Attachment 3—Summary of Communications and  
Correspondence

Attachment 4—AFE

EXHIBIT 2—VERIFIED STATEMENT OF CHARLES  
CROSBY

Attachment A—Structure Map

Attachment B—Gross Sand Isopach of Wolfcamp  
Sand

Attachment C—West-East Cross Section and Logs

Attachment D—Information on Other Wells

Attachment E—Survey Calculation Report

**COPY**



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  
COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

Case No. 20797

VERIFIED STATEMENT OF ADRIANA SALGADO

Adriana Salgado, being duly sworn upon her 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 worked as an associate landman for two years and a landman for a year. I hold a Bachelor of Arts Degree in Humanities from the University of Texas of the Permian Basin. I have 4 years of land work experience with Apache Corporation, prior to working at Mewbourne Oil Company. Collectively, I have 9 years of land work experience. I have not previously been qualified as an expert petroleum landman before the Oil Conservation Division, and ask that I be so qualified based upon the preceding information.

2. Pursuant to NMAC 19.15.4.12.A(1), the following information is submitted in support of the compulsory pooling application filed herein:

(a) The purpose of this application is to force pool working interest owners into the Wolfcamp formation horizontal spacing unit described below, and in wells to be drilled in the unit.

(b) No opposition is expected because the interest owners being pooled have been contacted regarding the proposed well, but have failed or refused to voluntarily commit their interests to the well. All interest owners have been located.

(c) A plat outlining the unit being pooled is attached hereto as Attachment 1. Mewbourne seeks an order approving a 319.28-acre horizontal spacing unit in the Wolfcamp formation comprised of the N2S2 of Section 31 (including a Lot) and the N2S2 of Section 32, Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico. The unit will be dedicated to the Normandy 31/32 WOLI Federal Com #1H, a horizontal well with a first take point location in Lot 3 of Section 31 and a final take point in Unit I of Section 32. There are no depth severances in the Wolfcamp Formation.

- (d) The parties being pooled and their interests are set forth in Attachment 2. Their current and correct addresses are also set forth.
- (e) Attachment 3 contains a summary of contacts with the interest owners, together with copies of the proposal letters sent to them and delivery receipts for each.
- (f) In order to locate the interest owners, Mewbourne examined the county records, performed internet searches, checked telephone records, and searched pertinent computer searches.
- (g) Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well.
- (h) Mewbourne has the right to pool the overriding royalty owners in the well unit.
- (i) Attachment 4 is the Authorization for Expenditure for the proposed well. The estimated cost of the well set forth therein is fair and reasonable, and is comparable to the costs of other wells of similar depth and length drilled in this area Eddy County.
- (j) Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Eddy County. Mewbourne requests that these rates be adjusted periodically as provided in the standard COPAS. Accounting Procedure.
- (k) Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- (l) Applicant requests that it be designated operator of the well.
- (m) The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.
- (n) The granting of this application is in the interests of conservation and the prevention of waste.

VERIFICATION

STATE OF TEXAS                    )  
  ) ss.  
COUNTY OF MIDLAND            )

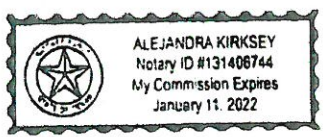
Adriana Salgado, being duly sworn upon his oath, deposes and states that: She is a landman for Mewbourne Oil Company; she is authorized to make this verification on its behalf; she has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of her knowledge,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

ASalgado  
Adriana Salgado

SUBSCRIBED AND SWORN TO before me this 1<sup>st</sup> day of October, 2019 by Adriana Salgado.

My Commission Expires: January 11, 2022

Alejandra Kirksey  
Notary Public





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

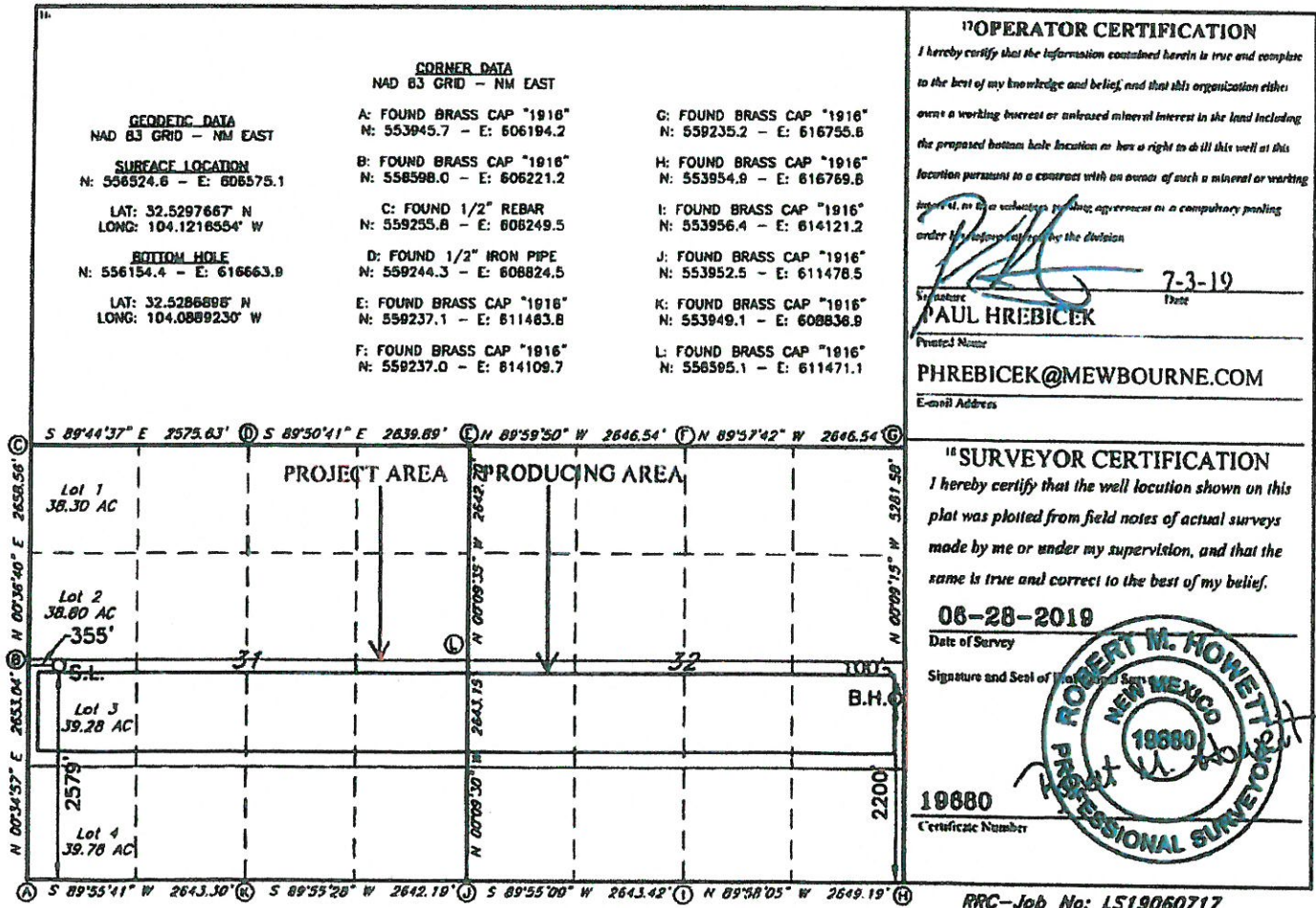
|                     |  |  |  |                                  |                      |
|---------------------|--|--|--|----------------------------------|----------------------|
| 1 APN Number        |  | 2 Pool Code                                    |  | 3 Pool Name<br>WILDCAT; WOLFCAMP |                      |
| 4 Property Code     |  | 5 Property Name<br>NORMANDY 31/32 WOLI FED COM |  |                                  | 6 Well Number<br>1H  |
| 7 GRID NO.<br>14744 |  | 8 Operator Name<br>MEWBOURNE OIL COMPANY       |  |                                  | 9 Elevation<br>3232' |

| 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 |
| 3                   | 31      | 20S      | 29E   |         | 2579          | SOUTH            | 355           | WEST           | EDDY   |

| 11 Bottom Hole Location If Different From Surface |         |          |       |         |               |                  |               |                |        |
|---|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.                                     | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| I   | 32      | 20S      | 29E   |         | 2200          | SOUTH            | 100           | EAST           | EDDY   |

|                           |                    |                       |              |
|---------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres<br>320 | 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.



# ATTACHMENT 2

**TRACT OWNERSHIP**  
**Normandy 31/32 WOLI Fed Corn #1H**  
**S2 of Section 31 & S2 of Section 32,**  
**Township 20 South, Range 29 East**  
**Eddy County, New Mexico**

**Wolfcamp Formation:**

|   | <b><u>% Leasehold Interest</u></b> |
|---|------------------------------------|
| Mewbourne Oil Company, et al<br>500 West Texas, Ste. 1020<br>Midland, Texas 79701                   | 44.555036%                         |
| Tumbler Operating Partners, LLC<br>1701 River Run, Suite 306<br>Fort Worth, Texas 76107             | 25.036774%                         |
| Mike Furr, Personal Rep for Roy K. Furr<br>8157 Southwestern Blvd., Apt. 240<br>Dallas, Texas 75206 | .521616%                           |
| Santo Legado LLC<br>101 S. 4 <sup>th</sup> Street, Suite B<br>Artesia, New Mexico 88210             | 1.093057%                          |
| *EOG Resources, Inc.<br>5509 Champions Drive<br>Midland, Texas 79706                                | 22.989638%                         |
| *Yates Energy Company<br>400 N. Pennsylvania Avenue<br>Roswell, New Mexico 88201                    | 3.717465%                          |
| *Roper Family Properties Limited<br>4206 Water's Edge Cove<br>Austin, Texas 78731                   | 1.564798%                          |
| *Shelley Furr Hall Trust<br>5229 21 <sup>st</sup> Street<br>Lubbock, Texas 77042                    | 0.521616%                          |
| Total   | 100.00000%                         |

**\*Total interest being pooled: 28.793517%**

# ATTACHMENT 3

## Summary of Communications Normandy 31/32 WOLI Fed Com #1H

\*Please note there was a project name change and this well was originally named Talladega 31/32 WOLI Fed Com #1H

Chloe Sawtelle, Scott Herstein & Beau Sullivan (EOG Resources, Inc.)

1. Mailed well proposal letter with AFE via certified mail dated 6/6/2019 to EOG Resources, Inc. ("EOG"). A proposed Operating Agreement dated 6/1/19 was sent via certified mail on 6/14/19.
2. An email simple certified receipt showed that the well proposal letter with AFE was delivered successfully to Chloe Sawtelle at EOG on 6/10/19 at 5:25 p.m. An email simple certified receipt showed that the OA proposal was delivered successfully to Chloe Sawtelle at EOG on 6/17/19 at 2:50 p.m.
3. Clay Haggard, Land Advisor from EOG, sent me an email on 6/12/19 asking me for how Mewbourne arrived at their interest for the well proposal. He asked for title and stated their records were pretty sketchy in that area.
4. I emailed Clay Haggard back on 6/12/19 and let him know that we are waiting for final title on the area, and I explained to him how we came up with the interest we credited to EOG.
5. I received a voicemail from Chris Leyendecker, Landman at EOG, on 9/17/19 asking about the Normandy proposals.
6. I called Chris Leyendecker from EOG back on 9/18/19, and told him I was unable to find a paper copy of where we had originally balloted EOG for the Normandy wells, and I let him know I would send him the proposals right away.
7. Chris Leyendecker from EOG emailed me 9/18/19, and stated that he would keep his eye open for the Normandy proposals and asked me to confirm that the pooling cases for the Normandy wells would be continued.
8. I emailed Chris Leyendecker from EOG letting him know that after I did more research through my emails and electronic files, I did in fact locate the Normandy proposals that were initially sent to Chole Sawtelle on 6/10/19. I sent him copies of the email simple certified receipts and copies of the email correspondence I had with Clay Haggard. I made him aware that the initial proposals were sent out as Talladega wells, but the name was changed to Normandy.
9. Chris Leyendecker from EOG emailed me 9/18/19 letting me know that they did in fact review the Talladega well proposals and asked if the name change was the only thing that occurred in this project.
10. I emailed Chris Leyendecker from EOG and I attached updated AFEs with the correct names (Normandy instead of Talladega) on them. I let him know that the surface location had changed slightly on each well, and that there was a proration unit change on one of the wells.



Becky Pemberton, Patrica Perez & Judaun Prichard (Yates Energy Company)

1. Mailed well proposal letter with AFE via certified mail dated 6/6/2019 to Yates Energy Company ("Yates"). A proposed Operating Agreement dated 6/1/19 was sent via certified mail on 6/14/19.
2. An email simple certified receipt showed that the well proposal letter with AFE was delivered successfully to Yates on 6/12/19 at 12:17 p.m. An email simple certified receipt showed that the OA proposal was delivered successfully to Yates on 6/17/19 at 2:50 p.m.
3. Judaun Prichard from Yates emailed me on 6/20/19 asking me to verify what Mewbourne's calculated Yates' interest was in the OA for the Normandy WIU.
4. I emailed Judaun Prichard from Yates on 6/20/19 letting her know that we didn't have a final Exhibit "A" as of yet, but I let her know what we calculated as Yates' interest in the WIU. I asked her to verify our number against what they had and please let us know if there was a discrepancy. I let her know we were still waiting on final title.
5. Patrica Perez, Contract Landman for Yates, sent me an email on 6/20/19 stating there was a discrepancy on what they showed in their files to be their interest in the WIU. She did let me know that their files may not be complete but gave me the interest number that she though was correct. She stated she was going to look for further assignments in Eddy County Records and asked me for any additional information.
6. Patrica Perez from Yates called me on 7/23/19 and told me that it sounded like they did want to participate in the Normandy project, but was unsure since she's a contract employee only. There is confusion as to what they own in the S2 of Section 32, and she listed out a couple of documents to review stating how it showed Yates was conveyed interest. She said she was going to ask her management team what the status is on the project and let me know.
7. I emailed Patrica Perez from Yates on 7/23/19 and let her know that I had reviewed the Transfer of Operating Rights she previously mentioned to me for the S2 of Section 32, and I showed that only deep rights were conveyed to Yates. I clarified that our Normandy wells were not proposed in the deep rights area, and that may be where the discrepancy lies.
8. I emailed Patrica Perez from Yates asking her for a status update on the Normandy well proposals. I also let her know that we were going to have to move forward with compulsory pooling.
9. Patrica Perez from Yates emailed me on 8/6/19 stating Becky Pemberton, Yates Management, would be in the office on 8/12/19 and Judaun Prichard was going to try to get an answer for me.
10. Becky Pemberton from Yates emailed me on 8/12/19 and told me that she and Patrica Perez had been reviewing the well proposals, and she thought they were still waiting on more information about their interest. She asked us to use the same form for the Normandy OA as the one Mewbourne Oil had used for the Castle Black OA. She felt more comfortable using a form that they had already negotiated on with Mewbourne.
11. I emailed Becky Pemberton with Yates and let her know that we didn't have final numbers from a title opinion yet. However, I told her we felt confident in our internal initial takeoff. I let her know about the previous conversations I had with Patrica regarding the discrepancies in the interest numbers due to the depths that were conveyed to Yates. I asked her to please clarify what she needed changed on the Normandy OA to match the Castle Black OA.

12. Becky Pemberton from Yates emailed me on 8/21/19 and told me she had been unaware of the conversations I had previously had with Patrica. As for the OA language, she sent me a sample of how she'd like for us to change a provision on the Normandy OA for her.
13. I emailed Becky Pemberton from Yates on 8/21/19 letting her know that we would be willing to accommodate her requests for the OA changes, but I asked for specific change requests to be sent over.
14. I emailed Becky Pemberton from Yates on 9/5/19 following up on my previous email.
15. Becky Pemberton from Yates emailed me on 9/17/19 asking me if the project had changed names from Talladega to Normandy and asked if the OA had changed any.
16. I emailed Becky Pemberton from Yates on 9/17/19 letting her know the name of the project did change from Talladega to Normandy and the OA had remained the same.
17. Becky Pemberton from Yates emailed me on 9/17/19 asking me if they'd be receiving new AFEs for the Normandy well. She stated they were interested in participating and just wanted an updated OA.
18. I emailed Becky Pemberton from Yates on 9/17/19 and explained to her that the Castle Black OA that she wanted the Normandy OA to be modeled after was just Mewbourne's standard OA form. I asked her again if she needed specific changes, we would appreciate a list of those requested changes for management approval. I also emailed her copies of the Normandy AFEs with the correct names on them.
19. Becky Pemberton from Yates emailed me on 9/20/19 with additional language she wanted included on the OA.
20. I emailed Becky Pemberton from Yates on 9/20/19 asking her if she could let me know the name of the person signing for Yates so that I could type it in the signature boxes. I never heard back, so I left it blank. I emailed her the OA with the requested changes and let her know that some of the changes she requested were already included on the OA.
21. I emailed Becky Pemberton from Yates on 9/26/19 asking for an update on the AFEs and corrected OA that I sent to her last week.

Mark Roper (Roper Family Properties Limited)

1. I called and left a message for Jacqueline Baldwin on 5/30/19, after doing some online research for the Roper Family Properties Limited (“Roper”) entity, in hopes to make them a Term Assignment (“TA”) offer.
2. I called another number I found associated with Roper on 6/5/19 and spoke to a man who wouldn’t give me his name, but said a former partner owned Roper Family Properties and he would give them my contact information if I could text it to him. So, I texted him my contact information. I never heard from anyone.
3. I mailed well proposal letter with AFE via certified mail dated 6/6/2019 to Jacqueline Baldwin c/o Roper Family Properties Limited. It was returned to sender 6/19/19.
4. I mailed a TA offer letter & OA Proposal to Mark Roper via certified mail on 6/14/19 at an address I found online. An email simple certified receipt showed that the TA offer letter was delivered successfully to Roper on 6/15/19 at 7:55 p.m. An email simple certified receipt showed that the OA Proposal was delivered successfully to Roper on 7/11/19 at 5:27 p.m. However, I did get the OA Proposal packet returned in the mail on 7/9/19.
5. I received a call from Kim Roper on 6/17/19, Mark Roper’s wife, asking me not to send them certified mail. She gave me her cell number along with Mark Roper’s cell number and email address.
6. I emailed Mark Roper on 6/17/19 the entire packet including proposed Normandy AFEs and OA as he had previously requested. He also confirmed that he had received the TA offer letter by telephone this day.
7. Mark Roper with Roper emailed me on 6/28/19 asking for title work and estimated spud dates.
8. I emailed Mark Roper with Roper on 7/2/19 letting him know we didn’t have final title work yet and we estimated spudding these wells late this year or early next year.
9. I called Mark Roper with Roper on 7/23/19 and the man that answered told me I had the wrong number. I called and left a message for Kim Roper, Mark Roper’s wife, to call me back. I emailed Mark Roper with Roper to let him know what happened and I asked him to please confirm his phone number. I asked him if he could please update me on the status of the TA offer, the AFEs and the OA.
10. Mark Roper with Roper emailed me on 8/5/19 letting me know they were undecided on the Normandy project. He stated he felt his interest was more valuable than what our TA offer was.
11. I emailed Mark Roper with Roper on 8/6/19 and told him that the TA offer was the most we could offer right now, and I made him aware that we were going to have to move forward with compulsory pooling.
12. Mark Roper with Roper emailed me on 8/6/19 letting me know that they were interested in participating in the well, and their Oil and Gas Attorney wanted title work. He asked for me to send him the actual spud date.
13. I emailed Mark Roper with Roper on 8/6/19 letting him know we didn’t have final title work and we were working with an internal takeoff as preliminary title work. I also let him know that we could not specify an actual spud date, but it’s scheduled to spud in the 2<sup>nd</sup> quarter of 2020.

Shelley Furr Nelson (Shelley Furr Hall Trust)

1. I called a number I had found online for Shelley Furr Hall (806-791-4646) on 5/30/19, and I spoke to her assistant Pam. She said she'd have Ms. Shelley Furr Nelson (she is no longer Hall) call me back. She did say that Ms. Nelson's siblings had all passed away.
2. I missed Shelley Furr Nelson's phone call on 5/31/19, and I called her back this day and left her a message to call me back.
3. Ms. Nelson called me back 5/31/19. She gave me her email address and told me that she'd respond to me that way, and gave me another address to send her correspondence to. She never responded to me by email.
4. I mailed a well proposal letter (to an address I found for her online) with AFE via certified mail dated 6/6/19 to Shelley Furr Hall Trust ("Furr"). A proposed Operating Agreement dated 6/1/19 was sent via certified mail on 6/14/19.
5. An email simple certified receipt showed that the well proposal letter with AFE was delivered successfully to Furr on 6/10/19 at 5:25 p.m. An email simple certified receipt showed that the OA proposal was delivered successfully to Furr on 6/17/19 at 2:50 p.m.
6. I mailed a Term Assignment ("TA") Offer Letter to Shelley Furr Hall Trust ("Furr") on 6/11/19 through certified mail. I received a certified receipt showing that the TA Offer Letter had been successfully delivered and received by Ms. Nelson on 6/13/19 at 12:48 p.m.
7. Shelley Furr Nelson called me on 6/11/19, and she said she was going to email me documentation that the Shelley Furr Hall Trust had been dissolved and she confirmed her siblings were all deceased. She gave me the correct contact information for her nephew's who were handling matters for both of her brothers that were also listed as WI owners in the Normandy WIU.
8. I called Ms. Nelson and left her a message to call me back as I had heard nothing back from her through mail, email or phone call.
9. Ms. Nelson called me on 8/22/19 to ask me about the compulsory pooling letter she received. She wanted to know if this meant the same thing as going non-consent. After we discussed what compulsory pooling was, she said she'd think about it. She did mention that she felt like she didn't want to participate, but she wasn't sure if she wanted to TA either. She said she may contact her nephews to discuss what they thought. I never heard anything back from her.

# MEWBOURNE OIL COMPANY

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

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

June 6, 2019

Via Certified Mail

EOG Resources, Inc.  
5509 Champions Drive  
Midland, Texas 79706  
Attn: Ms. Chloe Sawtelle

Re: Talladega 31/32 W0LI Fed Com #1H Well Proposal  
Section 31: S2  
Section 32: S2  
T20S, R29E, Eddy County, New Mexico

Dear Ms. Sawtelle:

Mewbourne Oil Company ("Mewbourne") hereby proposes to drill the referenced horizontal Wolfcamp well. The Talladega 31/32 W0LI Fed Com #1H will be at a surface location 1100' FSL & 205' FEL in Section 36, T-20-S, R-28-E and a bottom hole location approximately 2200' FSL & 100' FEL in Section 32, T-20-S, R-29-E, Eddy County, New Mexico. We anticipate drilling to an approximate true vertical depth of 9,290 feet and an approximate measured depth of 19,700 feet. The estimated cost to casing point for this well is \$3,037,500 and estimated cost of producing well is \$8,995,700. These costs are more fully detailed in the AFE enclosed herewith. If successful, the project area for this well will be comprised of the N2S2 of Section 31 and the N2S2 of Section 32.

To facilitate the drilling of this well and the development of the S2 of Section 31 and the S2 of Section 32, Mewbourne proposes forming a working interest unit by signing an Operating Agreement with a Contract Area comprised of the S2 of Section 31 and the S2 of Section 32. Our Joint Operating Agreement to follow.

If you do not wish to participate in the well Mewbourne is interested in discussing other options for your interest.

Enclosed are duplicate originals of Mewbourne's AFE for the well. To make your election to participate in the proposed well, properly execute and return the AFE. You will also need to provide your "Well Information" requirements. As a reminder, Mewbourne's AFEs provide all participants the opportunity to opt out of the "Extra Expense Well Control Insurance" that Mewbourne purchases for each well it drills. If you do opt out, you must provide evidence that you have adequate "Well Control Insurance".

Feel free to contact me if you have any questions. I can be reached by phone at (432) 682-3715 or via email at [asalgado@mewbourne.com](mailto:asalgado@mewbourne.com).

Sincerely,

MEWBOURNE OIL COMPANY



Adriana Salgado  
Landman

**Adriana Salgado**

---

**From:** webmaster@simplecertifiedmail.com  
**Sent:** Monday, June 10, 2019 5:25 PM  
**To:** Adriana Salgado  
**Subject:** Document Delivered

A document with a tracking code of 9414810699945041304654 and reference number of Talladega 31 32 B3MP Fed Com 1H sec 31 S2 was successfully delivered to Ms. Chloe Sawtelle at EOG Resources Inc..

MEWBOURNE OIL COMPANY

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

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

June 14, 2019

Via Certified Mail

EOG Resources, Inc.  
5509 Champions Drive  
Midland, Texas 79706  
Attn: Ms. Chloe Sawtelle

Re: Talladega 31/32 WIU Proposal  
Section 31: S2  
Section 32: S2  
T20S, R29E, Eddy County, New Mexico

Dear Ms. Sawtelle,

Enclosed for your further handling regarding the captioned prospect and lands is our Operating Agreement dated June 1, 2019, along with an extra set of signature pages. The Operating Agreement is to coincide with the well proposals/AFEs I sent by letter dated June 6, 2019.

Regarding the above, please have the AFEs, Operating Agreement and extra set of signature pages executed and return only the extra set of signature pages and AFEs to me whereby you will retain the Operating Agreement for your file.

Should you have any questions regarding the above, feel free to contact me if you have any questions. I can be reached by phone at (432) 682-3715 or via email at [asalgado@mewbourne.com](mailto:asalgado@mewbourne.com).

Sincerely,

MEWBOURNE OIL COMPANY



Adriana Salgado  
Landman

**Adriana Salgado**

---

**From:** webmaster@simplecertifiedmail.com  
**Sent:** Monday, June 17, 2019 2:50 PM  
**To:** Adriana Salgado  
**Subject:** Document Delivered

A document with a tracking code of 9402810699945041526600 and reference number of Talladega 31 32 JOA was successfully delivered to Ms. Chloe Sawtelle at EOG Resources, Inc..



# MEWBOURNE OIL COMPANY

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

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

June 6, 2019

Via Certified Mail

Yates Energy Company  
400 N. Pennsylvania Ave.  
Roswell, NM 88201  
Attn: Land Manager

Re: Talladega 31/32 WOLI Fed Com #1H Well Proposal  
Section 31: S2  
Section 32: S2  
T20S, R29E, Eddy County, New Mexico

Dear Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") hereby proposes to drill the referenced horizontal Wolfcamp well. The Talladega 31/32 WOLI Fed Com #1H will be at a surface location 1100' FSL & 205' FEL in Section 36, T-20-S, R-28-E and a bottom hole location approximately 2200' FSL & 100' FEL in Section 32, T-20-S, R-29-E, Eddy County, New Mexico. We anticipate drilling to an approximate true vertical depth of 9,290 feet and an approximate measured depth of 19,700 feet. The estimated cost to casing point for this well is \$3,037,500 and estimated cost of producing well is \$8,995,700. These costs are more fully detailed in the AFE enclosed herewith. If successful, the project area for this well will be comprised of the N2S2 of Section 31 and the N2S2 of Section 32.

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If you do not wish to participate in the well Mewbourne is interested in discussing other options for your interest.

Enclosed are duplicate originals of Mewbourne's AFE for the well. To make your election to participate in the proposed well, properly execute and return the AFE. You will also need to provide your "Well Information" requirements. As a reminder, Mewbourne's AFEs provide all participants the opportunity to opt out of the "Extra Expense Well Control Insurance" that Mewbourne purchases for each well it drills. If you do opt out, you must provide evidence that you have adequate "Well Control Insurance".

Feel free to contact me if you have any questions. I can be reached by phone at (432) 682-3715 or via email at [asalgado@mewbourne.com](mailto:asalgado@mewbourne.com).

Sincerely,

MEWBOURNE OIL COMPANY



Adriana Salgado  
Landman

**Adriana Salgado**

---

**From:** webmaster@simplecertifiedmail.com  
**Sent:** Wednesday, June 12, 2019 12:17 PM  
**To:** Adriana Salgado  
**Subject:** Document Delivered

A document with a tracking code of 9414810699945041304838 and reference number of Talladega 31 32 Well Proposals was successfully delivered to Yates Energy Company.

MEWBOURNE OIL COMPANY

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

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

June 14, 2019

Via Certified Mail

Yates Energy Company  
400 N. Pennsylvania Ave.  
Roswell, NM 88201  
Attn: Land Manager

Re: Talladega 31/32 WIU Proposal  
Section 31: S2  
Section 32: S2  
T20S, R29E, Eddy County, New Mexico

Dear Ladies and Gentlemen,

Enclosed for your further handling regarding the captioned prospect and lands is our Operating Agreement dated June 1, 2019, along with an extra set of signature pages. The Operating Agreement is to coincide with the well proposals/AFEs I sent by letter dated June 6, 2019.

Regarding the above, please have the AFEs, Operating Agreement and extra set of signature pages executed and return only the extra set of signature pages and AFEs to me whereby you will retain the Operating Agreement for your file.

Should you have any questions regarding the above, feel free to contact me if you have any questions. I can be reached by phone at (432) 682-3715 or via email at [asalgado@mewbourne.com](mailto:asalgado@mewbourne.com).

Sincerely,

MEWBOURNE OIL COMPANY



Adriana Salgado  
Landman

**Adriana Salgado**

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**From:** webmaster@simplecertifiedmail.com  
**Sent:** Monday, June 17, 2019 2:50 PM  
**To:** Adriana Salgado  
**Subject:** Document Delivered

A document with a tracking code of 9402810699945041526273 and reference number of Talladega 31 32 JOA was successfully delivered to Yates Energy Company.

# MEWBOURNE OIL COMPANY

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

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

June 6, 2019

Via Certified Mail

Roper Family Properties  
2409 Never Bend Cv.  
Austin, Texas 78746-1837  
Attn: Ms. Jacqueline Baldwin

Re: Talladega 31/32 WOLI Fed Com #1H Well Proposal  
Section 31: S2  
Section 32: S2  
T20S, R29E, Eddy County, New Mexico

Dear Ms. Baldwin:

Mewbourne Oil Company ("Mewbourne") hereby proposes to drill the referenced horizontal Wolfcamp well. The Talladega 31/32 WOLI Fed Com #1H will be at a surface location 1100' FSL & 205' FEL in Section 36, T-20-S, R-28-E and a bottom hole location approximately 2200' FSL & 100' FEL in Section 32, T-20-S, R-29-E, Eddy County, New Mexico. We anticipate drilling to an approximate true vertical depth of 9,290 feet and an approximate measured depth of 19,700 feet. The estimated cost to casing point for this well is \$3,037,500 and estimated cost of producing well is \$8,995,700. These costs are more fully detailed in the AFE enclosed herewith. If successful, the project area for this well will be comprised of the N2S2 of Section 31 and the N2S2 of Section 32.

To facilitate the drilling of this well and the development of the S2 of Section 31 and the S2 of Section 32, Mewbourne proposes forming a working interest unit by signing an Operating Agreement with a Contract Area comprised of the S2 of Section 31 and the S2 of Section 32. Our Joint Operating Agreement to follow.

If you do not wish to participate in the well Mewbourne is interested in discussing other options for your interest.

Enclosed are duplicate originals of Mewbourne's AFE for the well. To make your election to participate in the proposed well, properly execute and return the AFE. You will also need to provide your "Well Information" requirements. As a reminder, Mewbourne's AFEs provide all participants the opportunity to opt out of the "Extra Expense Well Control Insurance" that Mewbourne purchases for each well it drills. If you do opt out, you must provide evidence that you have adequate "Well Control Insurance".

Feel free to contact me if you have any questions. I can be reached by phone at (432) 682-3715 or via email at [asalgado@mewbourne.com](mailto:asalgado@mewbourne.com).

Sincerely,

MEWBOURNE OIL COMPANY



Adriana Salgado  
Landman



MEWBOURNE OIL COMPANY

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

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

June 14, 2019

Via Certified Mail

Roper Family Properties Limited  
4206 Water's Edge Cv.  
Austin, Texas 78731  
Attn: Mr. Mark Roper

Re: Talladega 31/32 WIU Proposal  
Section 31: S2  
Section 32: S2  
T20S, R29E, Eddy County, New Mexico

Dear Mr. Roper,

Enclosed for your further handling regarding the captioned prospect and lands is our Operating Agreement dated June 1, 2019, along with an extra set of signature pages. The Operating Agreement is to coincide with the well proposals/AFEs I sent by letter dated June 6, 2019. Because I sent the previous package with the well proposals/AFEs, I'm including a copy of what was sent.

Regarding the above, please have the AFEs, Operating Agreement and extra set of signature pages executed and return only the extra set of signature pages and AFEs to me whereby you will retain the Operating Agreement for your file.

Should you have any questions regarding the above, feel free to contact me if you have any questions. I can be reached by phone at (432) 682-3715 or via email at [asalgado@mewbourne.com](mailto:asalgado@mewbourne.com).

Sincerely,

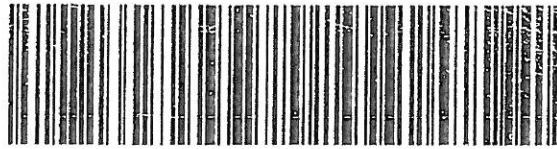
MEWBOURNE OIL COMPANY



Adriana Salgado  
Landman

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06/17

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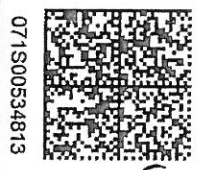


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Mawbourne Oil Company  
Adriana Salgado  
500 W TEXAS AVE STE. 1020  
MIDLAND TX 79701-4279  
Talladega 31 32 10A

-R-T-S-

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RETURN TO SENDER  
UNCLAIMED  
RETURN TO FORWARD  
TO SENDER

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RFS





MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020

Midland, Texas 79701

Phone (432) 682-3715

Fax (432) 685-4170

June 12, 2019

Sent Via Certified Mail

Roper Family Properties Limited

4206 Water's Edge Cove

Austin, Texas 78731

Attn: Mr. Mark Roper

Re: Township 20 South, Range 29 East  
Section 32: S/2  
Eddy County, New Mexico

Dear Mr. Roper,

Mewbourne Oil Company ("Mewbourne"), as Operator, is interested in drilling one or more wells under the captioned land.

According to our most recent title information, Roper Family Properties Limited ("Roper") appears to own 10.00 net acres in the S/2 of Section 32. Mewbourne hereby offers to purchase a three (3) year Term Assignment covering all Roper's interest in the captioned lands for \$2,000.00 per net acre; based upon delivery of a 75% net revenue interest to Mewbourne (10.00 net acres x \$2,000.00 per acre = \$20,000.00).

This offer is subject to your acceptance, Mewbourne's approval of title, final management approval and execution of a mutually acceptable form of assignment. Please indicate your acceptance by signing and returning this letter within 30 days of receipt, and I will forward you a term assignment for review.

Should you have any questions regarding the above, please contact me at (432) 682-3715.

Very truly yours,

MEWBOURNE OIL COMPANY



Adriana Jimenez-Salgado  
Landman

The undersigned agreed and accepted to the terms laid out above this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

By: \_\_\_\_\_  
Roper Family Properties Limited

TID/SS#: \_\_\_\_\_

## Adriana Salgado

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**From:** webmaster@simplecertifiedmail.com  
**Sent:** Saturday, June 15, 2019 7:55 PM  
**To:** Adriana Salgado  
**Subject:** Document Delivered

A document with a tracking code of 9414810699945041426868 and reference number of Talladega TA Offer was successfully delivered to Mr. Mark Roper at Roper Family Properties Limited.

MEWBOURNE OIL COMPANY

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

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

June 14, 2019

Via Certified Mail

Roper Family Properties Limited  
4206 Water's Edge Cv.  
Austin, Texas 78731  
Attn: Mr. Mark Roper

Re: Talladega 31/32 WIU Proposal  
Section 31: S2  
Section 32: S2  
T20S, R29E, Eddy County, New Mexico

Dear Mr. Roper,

Enclosed for your further handling regarding the captioned prospect and lands is our Operating Agreement dated June 1, 2019, along with an extra set of signature pages. The Operating Agreement is to coincide with the well proposals/AFEs I sent by letter dated June 6, 2019. Because I sent the previous package with the well proposals/AFEs, I'm including a copy of what was sent.

Regarding the above, please have the AFEs, Operating Agreement and extra set of signature pages executed and return only the extra set of signature pages and AFEs to me whereby you will retain the Operating Agreement for your file.

Should you have any questions regarding the above, feel free to contact me if you have any questions. I can be reached by phone at (432) 682-3715 or via email at [asalgado@mewbourne.com](mailto:asalgado@mewbourne.com).

Sincerely,

MEWBOURNE OIL COMPANY



Adriana Salgado  
Landman

**Adriana Salgado**

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**From:** webmaster@simplecertifiedmail.com  
**Sent:** Thursday, July 11, 2019 5:27 PM  
**To:** Adriana Salgado  
**Subject:** Document Delivered

A document with a tracking code of 9402810699945041526723 and reference number of Talladega 31 32 JOA was successfully delivered to Mr. Mark Roper at Roper Family Properties Limited.

## Adriana Salgado

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**From:** Adriana Salgado  
**Sent:** Monday, June 17, 2019 11:31 AM  
**To:** mark@roperinterests.com  
**Subject:** Talladega Well & JOA Proposals  
**Attachments:** JOA Cover Letter\_\_Roper Fam Prop Lim\_Talladega 31-32.pdf; JOA\_TALLADEGA 31-32 WIU.pdf; Roper Fam Prop\_Talladega 31-32 B3MP Fed Com #1H.pdf; Roper Fam Prop\_TALLADEGA 31-32 B3MP Fed Com #1H AFE.pdf; Roper Fam Prop\_Talladega 31-32 WOLI Fed Com #1H.pdf; Roper Fam Prop\_TALLADEGA 31-32 WOLI Fed Com #1H AFE.pdf; Roper Fam Prop\_Talladega 31-32 WOMP Fed Com #1H.pdf; Roper Fam Prop\_TALLADEGA 31-32 WOMP Fed Com #1H AFE.pdf

Mr. & Mrs. Roper,

As requested, I am emailing the packet that I sent to you last Friday by certified mail. My apologies for sending certified mail previously, but I've made a note to send everything by email (and I will probably still send regular mail to you as well). Please note, if you are interested in the Term Assignment offer we sent out (you stated you had received this offer through certified mail), we would love to begin that process soon. Let me know if I can help!

As always, please feel free to contact me with any questions you may have.

Thanks and have a great day!



**Adriana Jimenez-Salgado**  
Landman  
Mewbourne Oil Company

500 W. Texas Ave. #1020  
Midland, TX 79701  
Office: (432) 682-3715  
Phone: (432) 528-5955  
Email: [asalgado@mewbourne.com](mailto:asalgado@mewbourne.com)

# MEWBOURNE OIL COMPANY

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

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

June 6, 2019

Via Certified Mail

Shelley Furr Hall Trust  
1904 Vicksburg Ave.  
Lubbock, Texas 79407-2226  
Attn: Ms. Shelley Furr Hall

Re: Talladega 31/32 WOLI Fed Com #1H Well Proposal  
Section 31: S2  
Section 32: S2  
T20S, R29E, Eddy County, New Mexico

Dear Ms. Hall:

Mewbourne Oil Company ("Mewbourne") hereby proposes to drill the referenced horizontal Wolfcamp well. The Talladega 31/32 WOLI Fed Com #1H will be at a surface location 1100' FSL & 205' FEL in Section 36, T-20-S, R-28-E and a bottom hole location approximately 2200' FSL & 100' FEL in Section 32, T-20-S, R-29-E, Eddy County, New Mexico. We anticipate drilling to an approximate true vertical depth of 9,290 feet and an approximate measured depth of 19,700 feet. The estimated cost to casing point for this well is \$3,037,500 and estimated cost of producing well is \$8,995,700. These costs are more fully detailed in the AFE enclosed herewith. If successful, the project area for this well will be comprised of the N2S2 of Section 31 and the N2S2 of Section 32.

To facilitate the drilling of this well and the development of the S2 of Section 31 and the S2 of Section 32, Mewbourne proposes forming a working interest unit by signing an Operating Agreement with a Contract Area comprised of the S2 of Section 31 and the S2 of Section 32. Our Joint Operating Agreement to follow.

If you do not wish to participate in the well Mewbourne is interested in discussing other options for your interest.

Enclosed are duplicate originals of Mewbourne's AFE for the well. To make your election to participate in the proposed well, properly execute and return the AFE. You will also need to provide your "Well Information" requirements. As a reminder, Mewbourne's AFEs provide all participants the opportunity to opt out of the "Extra Expense Well Control Insurance" that Mewbourne purchases for each well it drills. If you do opt out, you must provide evidence that you have adequate "Well Control Insurance".

Feel free to contact me if you have any questions. I can be reached by phone at (432) 682-3715 or via email at [asalgado@mewbourne.com](mailto:asalgado@mewbourne.com).

Sincerely,

MEWBOURNE OIL COMPANY



Adriana Salgado  
Landman

MEWBOURNE OIL COMPANY

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

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

June 14, 2019

Via Certified Mail

Shelley Furr Hall Trust  
5229 21<sup>st</sup> Street  
Lubbock, Texas 77042  
Attn: Ms. Shelley Nelson

Re: Talladega 31/32 WIU Proposal  
Section 31: S2  
Section 32: S2  
T20S, R29E, Eddy County, New Mexico

Dear Ms. Nelson,

Enclosed for your further handling regarding the captioned prospect and lands is our Operating Agreement dated June 1, 2019, along with an extra set of signature pages. The Operating Agreement is to coincide with the well proposals/AFEs I sent by letter dated June 6, 2019. Because that letter was sent to a different address, I have included a copy of those AFE proposals.

Regarding the above, please have the AFEs, Operating Agreement and extra set of signature pages executed and return only the extra set of signature pages and AFEs to me whereby you will retain the Operating Agreement for your file.

Should you have any questions regarding the above, feel free to contact me if you have any questions. I can be reached by phone at (432) 682-3715 or via email at [asalgado@mewbourne.com](mailto:asalgado@mewbourne.com).

Sincerely,

MEWBOURNE OIL COMPANY



Adriana Salgado  
Landman

## **Adriana Salgado**

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**From:** webmaster@simplecertifiedmail.com  
**Sent:** Monday, June 10, 2019 5:25 PM  
**To:** Adriana Salgado  
**Subject:** Document Delivered

A document with a tracking code of 9414810699945041304777 and reference number of Talladega 31 32 Well Proposals was successfully delivered to Ms. Shelley Furr Hall at Shelley Furr Hall Trust.



**Adriana Salgado**

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**From:** webmaster@simplecertifiedmail.com  
**Sent:** Monday, June 17, 2019 2:50 PM  
**To:** Adriana Salgado  
**Subject:** Document Delivered

A document with a tracking code of 9402810699945041526808 and reference number of Talladega 31-32-JOA was successfully delivered to Shelley Furr Nelson at Shelley Furr Hall Trust.

**MEWBOURNE OIL COMPANY**

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

June 11, 2019

Sent Via Certified Mail

Shelley Furr Hall Trust  
5229 21<sup>st</sup> Street  
Lubbock, Texas 79407  
Attn: Ms. Shelley Nelson

Re: Township 20 South, Range 29 East  
Section 32: S/2  
Eddy County, New Mexico

Dear Ms. Nelson,

Mewbourne Oil Company ("Mewbourne"), as Operator, is interested in drilling one or more wells under the captioned land.

According to our most recent title information, Shelley Furr Hall Trust appears to own 3.3334 net acres in the S/2 of Section 32. Mewbourne hereby offers to purchase a three (3) year Term Assignment covering all Shelley Furr Hall Trust's interest in the captioned lands for \$2,000.00 per net acre; based upon delivery of a 75% net revenue interest to Mewbourne (3.3334 net acres x \$2,000.00 per acre = \$6,666.80).

This offer is subject to your acceptance, Mewbourne's approval of title, final management approval and execution of a mutually acceptable form of assignment. Please indicate your acceptance by signing and returning this letter within 30 days of receipt, and I will forward you a term assignment for review.

Should you have any questions regarding the above, please contact me at (432) 682-3715.

Very truly yours,

MEWBOURNE OIL COMPANY



Adriana Jimenez-Salgado  
Landman

The undersigned agreed and accepted to the terms laid out above this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

By: \_\_\_\_\_  
Shelley Nelson,  
of Shelley Furr Hall Trust

TID/SS#: \_\_\_\_\_

## **Adriana Salgado**

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**From:** webmaster@simplecertifiedmail.com  
**Sent:** Thursday, June 13, 2019 12:48 PM  
**To:** Adriana Salgado  
**Subject:** Document Delivered

A document with a tracking code of 9414810699945041387695 and reference number of Talladega TA Offer was successfully delivered to Ms. Shelley Nelson at Shelley Furr Hall Trust.



# MEWBOURNE OIL COMPANY

## AUTHORIZATION FOR EXPENDITURE

|   |              |                                   |  |
|---|--------------|-----------------------------------|--|
| Well Name: <b>Normandy 31/32 WOLI Fed Com #1H</b>                                     |              | Prospect: <b>Wolfcamp</b>         |  |
| Location: <b>SL: 1100' FSL &amp; 205' FEL(36); BHL: 2200' FSL &amp; 100' FEL (32)</b> |              | County: <b>Eddy</b> ST: <b>NM</b> |  |
| Sec. <b>31/32</b>   | Blk: <b></b> | Survey: <b></b>                   | TWP: <b>28S</b> RNG: <b>29E</b> Prop. TVD: <b>9290</b> TMD: <b>19700</b> |

| INTANGIBLE COSTS 0180  | CODE      | TCP                | CODE      | CC                 |
|--|-----------|--------------------|-----------|--------------------|
| Regulatory Permits & Surveys   | 0180-0100 | \$20,000           | 0180-0200 |                    |
| Location / Road / Site / Preparation   | 0180-0105 | \$70,000           | 0180-0205 | \$25,000           |
| Location / Restoration   | 0180-0106 | \$200,000          | 0180-0206 | \$30,000           |
| Daywork / Turnkey / Footage Drilling 30 days drlg / 3 days comp @ \$18,500/d | 0180-0110 | \$593,000          | 0180-0210 | \$59,300           |
| Fuel 1700 gal/day @ 2.74/gal   | 0180-0114 | \$85,000           | 0180-0214 | \$420,000          |
| Mud, Chemical & Additives  | 0180-0120 | \$225,000          | 0180-0220 |                    |
| Horizontal Drillout Services   |           |                    | 0180-0222 | \$250,000          |
| Cementing  | 0180-0125 | \$125,000          | 0180-0225 | \$30,000           |
| Logging & Wireline Services  | 0180-0130 | \$2,500            | 0180-0230 | \$400,000          |
| Casing / Tubing / Snubbing Service   | 0180-0134 | \$20,000           | 0180-0234 | \$90,000           |
| Mud Logging  | 0180-0137 | \$30,000           |           |                    |
| Stimulation 53 Slq 20.7 MM gal / 20.7 MM lb                                  |           |                    | 0180-0241 | \$2,350,000        |
| Stimulation Rentals & Other  |           |                    | 0180-0242 | \$200,000          |
| Water & Other  | 0180-0145 | \$60,000           | 0180-0245 | \$645,000          |
| Bits   | 0180-0148 | \$100,000          | 0180-0248 | \$8,000            |
| Inspection & Repair Services   | 0180-0150 | \$40,000           | 0180-0250 | \$5,000            |
| Misc. Air & Pumping Services   | 0180-0154 |                    | 0180-0254 | \$10,000           |
| Testing & Flowback Services  | 0180-0158 | \$15,000           | 0180-0258 | \$30,000           |
| Completion / Workover Rig  |           |                    | 0180-0260 | \$10,500           |
| Rig Mobilization   | 0180-0164 | \$120,000          |           |                    |
| Transportation   | 0180-0165 | \$30,000           | 0180-0265 | \$20,000           |
| Welding Services   | 0180-0168 | \$5,000            | 0180-0268 | \$15,000           |
| Contract Services & Supervision  | 0180-0170 | \$49,500           | 0180-0270 | \$64,500           |
| Directional Services Includes Vertical Control                               | 0180-0175 | \$283,500          |           |                    |
| Equipment Rental   | 0180-0180 | \$250,000          | 0180-0280 | \$30,000           |
| Well / Lease Legal   | 0180-0184 | \$5,000            | 0180-0284 |                    |
| Well / Lease Insurance   | 0180-0185 | \$4,800            | 0180-0285 |                    |
| Intangible Supplies  | 0180-0188 | \$8,000            | 0180-0288 | \$10,000           |
| Damages  | 0180-0190 | \$5,000            | 0180-0290 |                    |
| ROW & Easements  | 0180-0192 |                    | 0180-0292 | \$5,000            |
| Pipeline Interconnect  |           |                    | 0180-0293 |                    |
| Company Supervision  | 0180-0195 | \$158,400          | 0180-0295 | \$110,400          |
| Overhead Fixed Rate  | 0180-0196 | \$10,000           | 0180-0296 | \$20,000           |
| Well Abandonment   | 0180-0198 |                    | 0180-0298 |                    |
| Contingencies 2% (TCP) 2% (CC)   | 0180-0199 | \$50,300           | 0180-0299 | \$96,800           |
| <b>TOTAL</b>   |           | <b>\$2,565,000</b> |           | <b>\$4,934,500</b> |

| TANGIBLE COSTS 0181   | CODE      | TCP                | CODE      | CC                 |
|---|-----------|--------------------|-----------|--------------------|
| Casing (19.1" - 30") 350' - 20" 94# J-55 BT&C @ \$79.04/ft          | 0181-0793 | \$20,600           |           |                    |
| Casing (10.1" - 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft | 0181-0794 | \$64,300           |           |                    |
| Casing (8.1" - 10.0") 3200' - 9 5/8" 36# L80 LT&C @ \$26.07/ft      | 0181-0795 | \$89,100           |           |                    |
| Casing (6.1" - 8.0") 9660' - 7" 26# HCP-110 LT&C @ \$24.43/ft       | 0181-0796 | \$249,500          |           |                    |
| Casing (4.1" - 6.0") 11100' - 4 1/2" 13.5# P-110 LT&C @ \$14.94/ft  |           |                    | 0181-0797 | \$177,200          |
| Tubing 8820' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.74/ft                 |           |                    | 0181-0798 | \$53,500           |
| Drilling Head   | 0181-0860 | \$40,000           |           |                    |
| Tubing Head & Upper Section   |           |                    | 0181-0870 | \$30,000           |
| Horizontal Completion Tools Completion Liner Hanger                 |           |                    | 0181-0871 | \$70,000           |
| Sucker Rods   |           |                    | 0181-0875 |                    |
| Subsurface Equipment  |           |                    | 0181-0880 |                    |
| Artificial Lift Systems Gas Lift Valves & Packer                    |           |                    | 0181-0884 | \$25,000           |
| Pumping Unit  |           |                    | 0181-0885 |                    |
| Surface Pumps & Prime Movers VRU/SWD Pump/Circ Pump                 |           |                    | 0181-0886 | \$30,000           |
| Tanks - Oil 2 - 750 bbl   |           |                    | 0181-0890 | \$38,000           |
| Tanks - Water 2 - 750 bbl coated                                    |           |                    | 0181-0891 | \$48,000           |
| Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k#        |           |                    | 0181-0895 | \$75,000           |
| Heater Treaters, Line Heaters 8'x20'x75# HT                         |           |                    | 0181-0897 | \$30,000           |
| Metering Equipment  |           |                    | 0181-0898 | \$14,000           |
| Line Pipe & Valves - Gathering                                      |           |                    | 0181-0900 | \$100,000          |
| Fillings / Valves & Accessories                                     |           |                    | 0181-0906 | \$50,000           |
| Cathodic Protection   |           |                    | 0181-0908 | \$8,000            |
| Electrical Installation   |           |                    | 0181-0909 | \$100,000          |
| Equipment Installation  |           |                    | 0181-0910 | \$75,000           |
| Pipeline Construction   |           |                    | 0181-0920 | \$100,000          |
| <b>TOTAL</b>  |           | <b>\$472,600</b>   |           | <b>\$1,023,700</b> |
| <b>SUBTOTAL</b>   |           | <b>\$3,037,600</b> |           | <b>\$6,968,200</b> |

|                        |                    |
|------------------------|--------------------|
| <b>TOTAL WELL COST</b> | <b>\$8,995,700</b> |
|------------------------|--------------------|

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.

Prepared by: T. Cude Date: 6/3/2019

Company Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Joint Owner Interest: \_\_\_\_\_ Amount: \_\_\_\_\_

Joint Owner Name: \_\_\_\_\_ Signature: \_\_\_\_\_



5. Attachment D contains information from other horizontal wells drilled in this area. Production for wells with similar completions and similar time online seems to show a preference for laydown orientation, and the completed wells in the area (recent completions) are apparently commercial.

6. Attachment E is the Survey Calculation Report. The producing interval of the proposed well will be orthodox.

A handwritten signature in black ink, consisting of stylized, overlapping loops and curves, positioned above a horizontal line.

Charles Crosby

VERIFICATION

STATE OF TEXAS                    )  
  ) ss.  
COUNTY OF MIDLAND            )

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

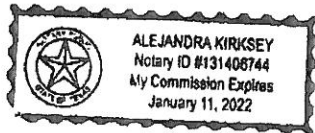


\_\_\_\_\_  
Charles Crosby

SUBSCRIBED AND SWORN TO before me this 1<sup>st</sup> day of October, 2019 by Charles Crosby.

My Commission Expires: January 11, 2022

  
\_\_\_\_\_  
Notary Public





# **Mewbourne Oil Company**

**Eddy County, New Mexico**

**Normandy 31/32 W0LI Fed Com #1H**

**SHL: 2579 FSL & 355' FWL, Sec 31**

**T20S, R29E, Sec 31**

**BHL: 2200' FSL & 100' FEL, Sec 32**

**Plan: Design #1**

## **Standard Planning Report**

**03 July, 2019**

Planning Report

**Database:** Hobbs  
**Company:** Mewbourne Oil Company  
**Project:** Eddy County, New Mexico  
**Site:** Normandy 31/32 WOLI Fed Com #1H  
**Well:** SHL: 2579 FSL & 355' FWL, Sec 31  
**Wellbore:** BHL: 2200' FSL & 100' FEL, Sec 32  
**Design:** Design #1

**Local Co-ordinate Reference:** Site Normandy 31/32 WOLI Fed Com #1H  
**TVD Reference:** WELL @ 3259.0usft (Original Well Elev)  
**MD Reference:** WELL @ 3259.0usft (Original Well Elev)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

|                    |                                      |                      |                |
|--------------------|--------------------------------------|----------------------|----------------|
| <b>Project</b>     | Eddy County, New Mexico              |                      |                |
| <b>Map System:</b> | US State Plane 1927 (Exact solution) | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | NAD 1927 (NADCON CONUS)              |                      |                |
| <b>Map Zone:</b>   | New Mexico East 3001                 |                      |                |

|                              |                                 |                     |                 |                          |              |
|------------------------------|---------------------------------|---------------------|-----------------|--------------------------|--------------|
| <b>Site</b>                  | Normandy 31/32 WOLI Fed Com #1H |                     |                 |                          |              |
| <b>Site Position:</b>        |                                 | <b>Northing:</b>    | 556,524.60 usft | <b>Latitude:</b>         | 32.5295198   |
| <b>From:</b>                 | Map                             | <b>Easting:</b>     | 606,575.10 usft | <b>Longitude:</b>        | -103.9875357 |
| <b>Position Uncertainty:</b> | 0.0 usft                        | <b>Slot Radius:</b> | 13-3/16 "       | <b>Grid Convergence:</b> | 0.19 °       |

|                             |                                  |          |                            |                 |                      |              |
|-----------------------------|----------------------------------|----------|----------------------------|-----------------|----------------------|--------------|
| <b>Well</b>                 | SHL: 2579 FSL & 355' FWL, Sec 31 |          |                            |                 |                      |              |
| <b>Well Position</b>        | <b>+N/-S</b>                     | 0.0 usft | <b>Northing:</b>           | 556,524.60 usft | <b>Latitude:</b>     | 32.5295198   |
|                             | <b>+E/-W</b>                     | 0.0 usft | <b>Easting:</b>            | 606,575.10 usft | <b>Longitude:</b>    | -103.9875357 |
| <b>Position Uncertainty</b> |                                  | 0.0 usft | <b>Wellhead Elevation:</b> | 3,259.0 usft    | <b>Ground Level:</b> | 3,232.0 usft |

|                  |                                   |                    |                    |                  |                       |
|------------------|-----------------------------------|--------------------|--------------------|------------------|-----------------------|
| <b>Wellbore</b>  | BHL: 2200' FSL & 100' FEL, Sec 32 |                    |                    |                  |                       |
| <b>Magnetics</b> | <b>Model Name</b>                 | <b>Sample Date</b> | <b>Declination</b> | <b>Dip Angle</b> | <b>Field Strength</b> |
|                  |                                   |                    | (°)                | (°)              | (nT)                  |
|                  | IGRF200510                        | 12/31/2009         | 7.96               | 60.45            | 48,932                |

|                          |                         |              |                      |                  |
|--------------------------|-------------------------|--------------|----------------------|------------------|
| <b>Design</b>            | Design #1               |              |                      |                  |
| <b>Audit Notes:</b>      |                         |              |                      |                  |
| <b>Version:</b>          | <b>Phase:</b>           | PROTOTYPE    | <b>Tie On Depth:</b> | 0.0              |
| <b>Vertical Section:</b> | <b>Depth From (TVD)</b> | <b>+N/-S</b> | <b>+E/-W</b>         | <b>Direction</b> |
|                          | (usft)                  | (usft)       | (usft)               | (°)              |
|                          | 0.0                     | 0.0          | 0.0                  | 92.10            |

| Plan Sections         |                 |             |                       |              |              |                         |                        |                       |         |                      |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target               |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |
| 3,020.0               | 0.00            | 0.00        | 3,020.0               | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |
| 3,381.1               | 5.42            | 222.60      | 3,380.5               | -12.6        | -11.5        | 1.50                    | 1.50                   | 0.00                  | 222.60  |                      |
| 8,468.7               | 5.42            | 222.60      | 8,445.5               | -366.0       | -336.6       | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |
| 8,829.8               | 0.00            | 0.00        | 8,806.0               | -378.6       | -348.1       | 1.50                    | -1.50                  | 0.00                  | 180.00  | KOP: 2200' FSL & 10' |
| 9,570.8               | 88.80           | 89.95       | 9,284.0               | -378.2       | 120.0        | 11.98                   | 11.98                  | 0.00                  | 89.95   |                      |
| 19,541.9              | 88.80           | 89.95       | 9,493.0               | -369.6       | 10,088.9     | 0.00                    | 0.00                   | 0.00                  | 0.00    | BHL: 2200' FSL & 33' |

Planning Report

Database: Hobbs  
 Company: Mewbourne Oil Company  
 Project: Eddy County, New Mexico  
 Site: Normandy 31/32 WOLI Fed Com #1H  
 Well: SHL: 2579 FSL & 355' FWL, Sec 31  
 Wellbore: BHL: 2200' FSL & 100' FEL, Sec 32  
 Design: Design #1

Local Co-ordinate Reference: Site Normandy 31/32 WOLI Fed Com #1H  
 TVD Reference: WELL @ 3259.0usft (Original Well Elev)  
 MD Reference: WELL @ 3259.0usft (Original Well Elev)  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

| Planned Survey                            |                 |             |                       |              |              |                         |                         |                        |                       |  |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft)                     | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 0.0                                       | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| <b>SHL: 2579' FSL &amp; 355' FWL (31)</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 100.0                                     | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 200.0                                     | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 300.0                                     | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 400.0                                     | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 500.0                                     | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 600.0                                     | 0.00            | 0.00        | 600.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 700.0                                     | 0.00            | 0.00        | 700.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 800.0                                     | 0.00            | 0.00        | 800.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 900.0                                     | 0.00            | 0.00        | 900.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,000.0                                   | 0.00            | 0.00        | 1,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,100.0                                   | 0.00            | 0.00        | 1,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,200.0                                   | 0.00            | 0.00        | 1,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,300.0                                   | 0.00            | 0.00        | 1,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,400.0                                   | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,500.0                                   | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,600.0                                   | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,700.0                                   | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,800.0                                   | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 1,900.0                                   | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,000.0                                   | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,100.0                                   | 0.00            | 0.00        | 2,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,200.0                                   | 0.00            | 0.00        | 2,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,300.0                                   | 0.00            | 0.00        | 2,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,400.0                                   | 0.00            | 0.00        | 2,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,500.0                                   | 0.00            | 0.00        | 2,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,600.0                                   | 0.00            | 0.00        | 2,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,700.0                                   | 0.00            | 0.00        | 2,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,800.0                                   | 0.00            | 0.00        | 2,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 2,900.0                                   | 0.00            | 0.00        | 2,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 3,000.0                                   | 0.00            | 0.00        | 3,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 3,020.0                                   | 0.00            | 0.00        | 3,020.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |  |
| 3,100.0                                   | 1.20            | 222.60      | 3,100.0               | -0.6         | -0.6         | -0.5                    | 1.50                    | 1.50                   | 0.00                  |  |
| 3,200.0                                   | 2.70            | 222.60      | 3,199.9               | -3.1         | -2.9         | -2.8                    | 1.50                    | 1.50                   | 0.00                  |  |
| 3,300.0                                   | 4.20            | 222.60      | 3,299.7               | -7.6         | -6.9         | -6.7                    | 1.50                    | 1.50                   | 0.00                  |  |
| 3,381.1                                   | 5.42            | 222.60      | 3,380.5               | -12.6        | -11.5        | -11.1                   | 1.50                    | 1.50                   | 0.00                  |  |
| 3,400.0                                   | 5.42            | 222.60      | 3,399.4               | -13.9        | -12.8        | -12.2                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,500.0                                   | 5.42            | 222.60      | 3,498.9               | -20.8        | -19.1        | -18.4                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,600.0                                   | 5.42            | 222.60      | 3,598.5               | -27.8        | -25.5        | -24.5                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,700.0                                   | 5.42            | 222.60      | 3,698.0               | -34.7        | -31.9        | -30.6                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,800.0                                   | 5.42            | 222.60      | 3,797.6               | -41.7        | -38.3        | -36.8                   | 0.00                    | 0.00                   | 0.00                  |  |
| 3,900.0                                   | 5.42            | 222.60      | 3,897.1               | -48.6        | -44.7        | -42.9                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,000.0                                   | 5.42            | 222.60      | 3,996.7               | -55.6        | -51.1        | -49.0                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,100.0                                   | 5.42            | 222.60      | 4,096.3               | -62.5        | -57.5        | -55.1                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,200.0                                   | 5.42            | 222.60      | 4,195.8               | -69.5        | -63.9        | -61.3                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,300.0                                   | 5.42            | 222.60      | 4,295.4               | -76.4        | -70.2        | -67.4                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,400.0                                   | 5.42            | 222.60      | 4,394.9               | -83.3        | -76.6        | -73.5                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,500.0                                   | 5.42            | 222.60      | 4,494.5               | -90.3        | -83.0        | -79.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,600.0                                   | 5.42            | 222.60      | 4,594.0               | -97.2        | -89.4        | -85.8                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,700.0                                   | 5.42            | 222.60      | 4,693.6               | -104.2       | -95.8        | -91.9                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,800.0                                   | 5.42            | 222.60      | 4,793.1               | -111.1       | -102.2       | -98.1                   | 0.00                    | 0.00                   | 0.00                  |  |
| 4,900.0                                   | 5.42            | 222.60      | 4,892.7               | -118.1       | -108.6       | -104.2                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,000.0                                   | 5.42            | 222.60      | 4,992.2               | -125.0       | -115.0       | -110.3                  | 0.00                    | 0.00                   | 0.00                  |  |

Planning Report

Database: Hobbs  
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 MD Reference: WELL @ 3259.0usft (Original Well Elev)  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (usft)                    | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
|--|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| 5,100.0                                  | 5.42            | 222.60      | 5,091.8               | -132.0       | -121.4       | -116.4                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,200.0                                  | 5.42            | 222.60      | 5,191.3               | -138.9       | -127.7       | -122.6                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,300.0                                  | 5.42            | 222.60      | 5,290.9               | -145.9       | -134.1       | -128.7                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,400.0                                  | 5.42            | 222.60      | 5,390.4               | -152.8       | -140.5       | -134.8                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,500.0                                  | 5.42            | 222.60      | 5,490.0               | -159.8       | -146.9       | -141.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,600.0                                  | 5.42            | 222.60      | 5,589.6               | -166.7       | -153.3       | -147.1                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,700.0                                  | 5.42            | 222.60      | 5,689.1               | -173.7       | -159.7       | -153.2                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,800.0                                  | 5.42            | 222.60      | 5,788.7               | -180.6       | -166.1       | -159.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,900.0                                  | 5.42            | 222.60      | 5,888.2               | -187.6       | -172.5       | -165.5                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,000.0                                  | 5.42            | 222.60      | 5,987.8               | -194.5       | -178.8       | -171.6                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,100.0                                  | 5.42            | 222.60      | 6,087.3               | -201.5       | -185.2       | -177.7                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,200.0                                  | 5.42            | 222.60      | 6,186.9               | -208.4       | -191.6       | -183.9                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,300.0                                  | 5.42            | 222.60      | 6,286.4               | -215.4       | -198.0       | -190.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,400.0                                  | 5.42            | 222.60      | 6,386.0               | -222.3       | -204.4       | -196.1                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,500.0                                  | 5.42            | 222.60      | 6,485.5               | -229.3       | -210.8       | -202.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,600.0                                  | 5.42            | 222.60      | 6,585.1               | -236.2       | -217.2       | -208.4                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,700.0                                  | 5.42            | 222.60      | 6,684.6               | -243.2       | -223.6       | -214.5                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,800.0                                  | 5.42            | 222.60      | 6,784.2               | -250.1       | -230.0       | -220.6                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,900.0                                  | 5.42            | 222.60      | 6,883.8               | -257.1       | -236.3       | -226.8                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,000.0                                  | 5.42            | 222.60      | 6,983.3               | -264.0       | -242.7       | -232.9                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,100.0                                  | 5.42            | 222.60      | 7,082.9               | -270.9       | -249.1       | -239.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,200.0                                  | 5.42            | 222.60      | 7,182.4               | -277.9       | -255.5       | -245.2                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,300.0                                  | 5.42            | 222.60      | 7,282.0               | -284.8       | -261.9       | -251.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,400.0                                  | 5.42            | 222.60      | 7,381.5               | -291.8       | -268.3       | -257.4                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,500.0                                  | 5.42            | 222.60      | 7,481.1               | -298.7       | -274.7       | -263.6                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,600.0                                  | 5.42            | 222.60      | 7,580.6               | -305.7       | -281.1       | -269.7                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,700.0                                  | 5.42            | 222.60      | 7,680.2               | -312.6       | -287.4       | -275.8                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,800.0                                  | 5.42            | 222.60      | 7,779.7               | -319.6       | -293.8       | -281.9                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,900.0                                  | 5.42            | 222.60      | 7,879.3               | -326.5       | -300.2       | -288.1                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,000.0                                  | 5.42            | 222.60      | 7,978.8               | -333.5       | -306.6       | -294.2                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,100.0                                  | 5.42            | 222.60      | 8,078.4               | -340.4       | -313.0       | -300.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,200.0                                  | 5.42            | 222.60      | 8,177.9               | -347.4       | -319.4       | -306.5                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,300.0                                  | 5.42            | 222.60      | 8,277.5               | -354.3       | -325.8       | -312.6                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,400.0                                  | 5.42            | 222.60      | 8,377.1               | -361.3       | -332.2       | -318.7                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,468.7                                  | 5.42            | 222.60      | 8,445.5               | -366.0       | -336.6       | -322.9                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,500.0                                  | 4.95            | 222.60      | 8,476.6               | -368.1       | -338.5       | -324.8                  | 1.50                    | -1.50                  | 0.00                  |  |
| 8,600.0                                  | 3.45            | 222.60      | 8,576.4               | -373.5       | -343.4       | -329.5                  | 1.50                    | -1.50                  | 0.00                  |  |
| 8,700.0                                  | 1.95            | 222.60      | 8,676.2               | -377.0       | -346.6       | -332.6                  | 1.50                    | -1.50                  | 0.00                  |  |
| 8,800.0                                  | 0.45            | 222.60      | 8,776.2               | -378.5       | -348.0       | -333.9                  | 1.50                    | -1.50                  | 0.00                  |  |
| 8,829.8                                  | 0.00            | 0.00        | 8,806.0               | -378.6       | -348.1       | -334.0                  | 1.50                    | -1.50                  | 0.00                  |  |
| <b>KOP: 2200' FSL &amp; 10' FWL (31)</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 8,850.0                                  | 2.42            | 89.95       | 8,826.2               | -378.6       | -347.7       | -333.6                  | 11.98                   | 11.98                  | 0.00                  |  |
| 8,875.0                                  | 5.42            | 89.95       | 8,851.1               | -378.6       | -346.0       | -331.9                  | 11.98                   | 11.98                  | 0.00                  |  |
| 8,900.0                                  | 8.41            | 89.95       | 8,876.0               | -378.6       | -343.0       | -328.9                  | 11.98                   | 11.98                  | 0.00                  |  |
| 8,925.0                                  | 11.41           | 89.95       | 8,900.6               | -378.6       | -338.7       | -324.6                  | 11.98                   | 11.98                  | 0.00                  |  |
| 8,950.0                                  | 14.41           | 89.95       | 8,924.9               | -378.6       | -333.1       | -319.0                  | 11.98                   | 11.98                  | 0.00                  |  |
| 8,975.0                                  | 17.40           | 89.95       | 8,949.0               | -378.6       | -326.2       | -312.1                  | 11.98                   | 11.98                  | 0.00                  |  |
| 9,000.0                                  | 20.40           | 89.95       | 8,972.6               | -378.6       | -318.1       | -304.0                  | 11.98                   | 11.98                  | 0.00                  |  |
| 9,025.0                                  | 23.39           | 89.95       | 8,995.8               | -378.6       | -308.8       | -294.7                  | 11.98                   | 11.98                  | 0.00                  |  |
| 9,050.0                                  | 26.39           | 89.95       | 9,018.5               | -378.6       | -298.3       | -284.2                  | 11.98                   | 11.98                  | 0.00                  |  |
| 9,075.0                                  | 29.39           | 89.95       | 9,040.6               | -378.5       | -286.6       | -272.5                  | 11.98                   | 11.98                  | 0.00                  |  |
| 9,100.0                                  | 32.38           | 89.95       | 9,062.1               | -378.5       | -273.8       | -259.7                  | 11.98                   | 11.98                  | 0.00                  |  |
| 9,125.0                                  | 35.38           | 89.95       | 9,082.8               | -378.5       | -259.8       | -245.8                  | 11.98                   | 11.98                  | 0.00                  |  |

Planning Report

Database: Hobbs  
 Company: Mewbourne Oil Company  
 Project: Eddy County, New Mexico  
 Site: Normandy 31/32 WOLI Fed Com #1H  
 Well: SHL: 2579 FSL & 355' FWL, Sec 31  
 Wellbore: BHL: 2200' FSL & 100' FEL, Sec 32  
 Design: Design #1

Local Co-ordinate Reference: Site Normandy 31/32 WOLI Fed Com #1H  
 TVD Reference: WELL @ 3259.0usft (Original Well Elev)  
 MD Reference: WELL @ 3259.0usft (Original Well Elev)  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (usft)                       | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 9,133.2                                     | 36.36           | 89.95       | 9,089.5               | -378.5       | -255.0       | -241.0                  | 11.98                   | 11.98                  | 0.00                  |
| <b>FTP: 2200' FSL &amp; 100 FWL (31)</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,150.0                                     | 38.37           | 89.95       | 9,102.8               | -378.5       | -244.8       | -230.8                  | 11.98                   | 11.98                  | 0.00                  |
| 9,175.0                                     | 41.37           | 89.95       | 9,122.0               | -378.5       | -228.8       | -214.8                  | 11.98                   | 11.98                  | 0.00                  |
| 9,200.0                                     | 44.37           | 89.95       | 9,140.3               | -378.5       | -211.8       | -197.8                  | 11.98                   | 11.98                  | 0.00                  |
| 9,225.0                                     | 47.36           | 89.95       | 9,157.7               | -378.5       | -193.8       | -179.9                  | 11.98                   | 11.98                  | 0.00                  |
| 9,250.0                                     | 50.36           | 89.95       | 9,174.2               | -378.5       | -175.0       | -161.0                  | 11.98                   | 11.98                  | 0.00                  |
| 9,275.0                                     | 53.35           | 89.95       | 9,189.6               | -378.4       | -155.4       | -141.4                  | 11.98                   | 11.98                  | 0.00                  |
| 9,300.0                                     | 56.35           | 89.95       | 9,204.0               | -378.4       | -134.9       | -121.0                  | 11.98                   | 11.98                  | 0.00                  |
| 9,325.0                                     | 59.35           | 89.95       | 9,217.3               | -378.4       | -113.8       | -99.8                   | 11.98                   | 11.98                  | 0.00                  |
| 9,350.0                                     | 62.34           | 89.95       | 9,229.5               | -378.4       | -91.9        | -78.0                   | 11.98                   | 11.98                  | 0.00                  |
| 9,375.0                                     | 65.34           | 89.95       | 9,240.5               | -378.4       | -69.5        | -55.6                   | 11.98                   | 11.98                  | 0.00                  |
| 9,400.0                                     | 68.33           | 89.95       | 9,250.3               | -378.3       | -46.5        | -32.6                   | 11.98                   | 11.98                  | 0.00                  |
| 9,425.0                                     | 71.33           | 89.95       | 9,258.9               | -378.3       | -23.0        | -9.2                    | 11.98                   | 11.98                  | 0.00                  |
| 9,450.0                                     | 74.33           | 89.95       | 9,266.3               | -378.3       | 0.8          | 14.7                    | 11.98                   | 11.98                  | 0.00                  |
| 9,475.0                                     | 77.32           | 89.95       | 9,272.4               | -378.3       | 25.1         | 38.9                    | 11.98                   | 11.98                  | 0.00                  |
| 9,500.0                                     | 80.32           | 89.95       | 9,277.3               | -378.3       | 49.6         | 63.4                    | 11.98                   | 11.98                  | 0.00                  |
| 9,525.0                                     | 83.31           | 89.95       | 9,280.9               | -378.2       | 74.3         | 88.1                    | 11.98                   | 11.98                  | 0.00                  |
| 9,550.0                                     | 86.31           | 89.95       | 9,283.1               | -378.2       | 99.2         | 113.0                   | 11.98                   | 11.98                  | 0.00                  |
| 9,570.8                                     | 88.80           | 89.95       | 9,284.0               | -378.2       | 120.0        | 133.8                   | 11.97                   | 11.97                  | 0.00                  |
| <b>LP: 2200' FSL &amp; 475' FWL (31)</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,600.0                                     | 88.80           | 89.95       | 9,284.6               | -378.2       | 149.2        | 163.0                   | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0                                     | 88.80           | 89.95       | 9,286.7               | -378.1       | 249.2        | 262.9                   | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0                                     | 88.80           | 89.95       | 9,288.8               | -378.0       | 349.2        | 362.8                   | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0                                     | 88.80           | 89.95       | 9,290.9               | -377.9       | 449.1        | 462.7                   | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0                                    | 88.80           | 89.95       | 9,293.0               | -377.8       | 549.1        | 562.6                   | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0                                    | 88.80           | 89.95       | 9,295.1               | -377.7       | 649.1        | 662.5                   | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0                                    | 88.80           | 89.95       | 9,297.2               | -377.7       | 749.1        | 762.4                   | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0                                    | 88.80           | 89.95       | 9,299.3               | -377.6       | 849.1        | 862.3                   | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0                                    | 88.80           | 89.95       | 9,301.4               | -377.5       | 949.0        | 962.2                   | 0.00                    | 0.00                   | 0.00                  |
| 10,417.0                                    | 88.80           | 89.95       | 9,301.7               | -377.5       | 966.0        | 979.2                   | 0.00                    | 0.00                   | 0.00                  |
| <b>PPP2: 2200' FSL &amp; 1321' FWL (31)</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,500.0                                    | 88.80           | 89.95       | 9,303.5               | -377.4       | 1,049.0      | 1,062.1                 | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0                                    | 88.80           | 89.95       | 9,305.6               | -377.3       | 1,149.0      | 1,162.0                 | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0                                    | 88.80           | 89.95       | 9,307.7               | -377.2       | 1,249.0      | 1,261.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0                                    | 88.80           | 89.95       | 9,309.8               | -377.1       | 1,348.9      | 1,361.8                 | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0                                    | 88.80           | 89.95       | 9,311.9               | -377.1       | 1,448.9      | 1,461.8                 | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0                                    | 88.80           | 89.95       | 9,314.0               | -377.0       | 1,548.9      | 1,561.7                 | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0                                    | 88.80           | 89.95       | 9,316.1               | -376.9       | 1,648.9      | 1,661.6                 | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0                                    | 88.80           | 89.95       | 9,318.1               | -376.8       | 1,748.9      | 1,761.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0                                    | 88.80           | 89.95       | 9,320.2               | -376.7       | 1,848.8      | 1,861.4                 | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0                                    | 88.80           | 89.95       | 9,322.3               | -376.6       | 1,948.8      | 1,961.3                 | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0                                    | 88.80           | 89.95       | 9,324.4               | -376.5       | 2,048.8      | 2,061.2                 | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0                                    | 88.80           | 89.95       | 9,326.5               | -376.4       | 2,148.8      | 2,161.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0                                    | 88.80           | 89.95       | 9,328.6               | -376.4       | 2,248.7      | 2,261.0                 | 0.00                    | 0.00                   | 0.00                  |
| 11,738.3                                    | 88.80           | 89.95       | 9,329.4               | -376.3       | 2,287.0      | 2,299.2                 | 0.00                    | 0.00                   | 0.00                  |
| <b>PPP3: 2200' FSL &amp; 2643' FWL (31)</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,800.0                                    | 88.80           | 89.95       | 9,330.7               | -376.3       | 2,348.7      | 2,360.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0                                    | 88.80           | 89.95       | 9,332.8               | -376.2       | 2,448.7      | 2,460.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0                                    | 88.80           | 89.95       | 9,334.9               | -376.1       | 2,548.7      | 2,560.7                 | 0.00                    | 0.00                   | 0.00                  |
| 12,100.0                                    | 88.80           | 89.95       | 9,337.0               | -376.0       | 2,648.7      | 2,660.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,200.0                                    | 88.80           | 89.95       | 9,339.1               | -375.9       | 2,748.6      | 2,760.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,300.0                                    | 88.80           | 89.95       | 9,341.2               | -375.8       | 2,848.6      | 2,860.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,400.0                                    | 88.80           | 89.95       | 9,343.3               | -375.8       | 2,948.6      | 2,960.4                 | 0.00                    | 0.00                   | 0.00                  |

Planning Report

Database: Hobbs  
 Company: Mewbourne Oil Company  
 Project: Eddy County, New Mexico  
 Site: Normandy 31/32 WOLI Fed Com #1H  
 Well: SHL: 2579 FSL & 355' FWL, Sec 31  
 Wellbore: BHL: 2200' FSL & 100' FEL, Sec 32  
 Design: Design #1

Local Co-ordinate Reference: Site Normandy 31/32 WOLI Fed Com #1H  
 TVD Reference: WELL @ 3259.0usft (Original Well Elev)  
 MD Reference: WELL @ 3259.0usft (Original Well Elev)  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 12,500.0              | 88.80           | 89.95       | 9,345.4               | -375.7       | 3,048.6      | 3,060.3                 | 0.00                    | 0.00                   | 0.00                  |
| 12,600.0              | 88.80           | 89.95       | 9,347.5               | -375.6       | 3,148.5      | 3,160.2                 | 0.00                    | 0.00                   | 0.00                  |
| 12,700.0              | 88.80           | 89.95       | 9,349.6               | -375.5       | 3,248.5      | 3,260.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0              | 88.80           | 89.95       | 9,351.7               | -375.4       | 3,348.5      | 3,360.0                 | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0              | 88.80           | 89.95       | 9,353.8               | -375.3       | 3,448.5      | 3,459.9                 | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0              | 88.80           | 89.95       | 9,355.9               | -375.2       | 3,548.5      | 3,559.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 88.80           | 89.95       | 9,358.0               | -375.2       | 3,648.4      | 3,659.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 88.80           | 89.95       | 9,360.1               | -375.1       | 3,748.4      | 3,759.6                 | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0              | 88.80           | 89.95       | 9,362.2               | -375.0       | 3,848.4      | 3,859.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 88.80           | 89.95       | 9,364.3               | -374.9       | 3,948.4      | 3,959.4                 | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0              | 88.80           | 89.95       | 9,366.4               | -374.8       | 4,048.3      | 4,059.4                 | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 88.80           | 89.95       | 9,368.5               | -374.7       | 4,148.3      | 4,159.3                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 88.80           | 89.95       | 9,370.6               | -374.6       | 4,248.3      | 4,259.2                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 88.80           | 89.95       | 9,372.6               | -374.6       | 4,348.3      | 4,359.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 88.80           | 89.95       | 9,374.7               | -374.5       | 4,448.3      | 4,459.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 88.80           | 89.95       | 9,376.8               | -374.4       | 4,548.2      | 4,558.9                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 88.80           | 89.95       | 9,378.9               | -374.3       | 4,648.2      | 4,658.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 88.80           | 89.95       | 9,381.0               | -374.2       | 4,748.2      | 4,758.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 88.80           | 89.95       | 9,383.1               | -374.1       | 4,848.2      | 4,858.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 88.80           | 89.95       | 9,385.2               | -374.0       | 4,948.1      | 4,958.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 88.80           | 89.95       | 9,387.3               | -373.9       | 5,048.1      | 5,058.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 88.80           | 89.95       | 9,389.4               | -373.9       | 5,148.1      | 5,158.3                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 88.80           | 89.95       | 9,391.5               | -373.8       | 5,248.1      | 5,258.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 88.80           | 89.95       | 9,393.6               | -373.7       | 5,348.1      | 5,358.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 88.80           | 89.95       | 9,395.7               | -373.6       | 5,448.0      | 5,458.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 88.80           | 89.95       | 9,397.8               | -373.5       | 5,548.0      | 5,558.0                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 88.80           | 89.95       | 9,399.9               | -373.4       | 5,648.0      | 5,657.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 88.80           | 89.95       | 9,402.0               | -373.3       | 5,748.0      | 5,757.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 88.80           | 89.95       | 9,404.1               | -373.3       | 5,848.0      | 5,857.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 88.80           | 89.95       | 9,406.2               | -373.2       | 5,947.9      | 5,957.6                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 88.80           | 89.95       | 9,408.3               | -373.1       | 6,047.9      | 6,057.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 88.80           | 89.95       | 9,410.4               | -373.0       | 6,147.9      | 6,157.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 88.80           | 89.95       | 9,412.5               | -372.9       | 6,247.9      | 6,257.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 88.80           | 89.95       | 9,414.6               | -372.8       | 6,347.8      | 6,357.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 88.80           | 89.95       | 9,416.7               | -372.7       | 6,447.8      | 6,457.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 88.80           | 89.95       | 9,418.8               | -372.7       | 6,547.8      | 6,557.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 88.80           | 89.95       | 9,420.9               | -372.6       | 6,647.8      | 6,657.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 88.80           | 89.95       | 9,423.0               | -372.5       | 6,747.8      | 6,756.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 88.80           | 89.95       | 9,425.0               | -372.4       | 6,847.7      | 6,856.8                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 88.80           | 89.95       | 9,427.1               | -372.3       | 6,947.7      | 6,956.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 88.80           | 89.95       | 9,429.2               | -372.2       | 7,047.7      | 7,056.6                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 88.80           | 89.95       | 9,431.3               | -372.1       | 7,147.7      | 7,156.5                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 88.80           | 89.95       | 9,433.4               | -372.1       | 7,247.6      | 7,256.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 88.80           | 89.95       | 9,435.5               | -372.0       | 7,347.6      | 7,356.3                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 88.80           | 89.95       | 9,437.6               | -371.9       | 7,447.6      | 7,456.2                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 88.80           | 89.95       | 9,439.7               | -371.8       | 7,547.6      | 7,556.1                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 88.80           | 89.95       | 9,441.8               | -371.7       | 7,647.6      | 7,656.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 88.80           | 89.95       | 9,443.9               | -371.6       | 7,747.5      | 7,755.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 88.80           | 89.95       | 9,446.0               | -371.5       | 7,847.5      | 7,855.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 88.80           | 89.95       | 9,448.1               | -371.4       | 7,947.5      | 7,955.8                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0              | 88.80           | 89.95       | 9,450.2               | -371.4       | 8,047.5      | 8,055.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,600.0              | 88.80           | 89.95       | 9,452.3               | -371.3       | 8,147.4      | 8,155.6                 | 0.00                    | 0.00                   | 0.00                  |
| 17,700.0              | 88.80           | 89.95       | 9,454.4               | -371.2       | 8,247.4      | 8,255.5                 | 0.00                    | 0.00                   | 0.00                  |
| 17,800.0              | 88.80           | 89.95       | 9,456.5               | -371.1       | 8,347.4      | 8,355.4                 | 0.00                    | 0.00                   | 0.00                  |

Planning Report

Database: Hobbs  
 Company: Mewbourne Oil Company  
 Project: Eddy County, New Mexico  
 Site: Normandy 31/32 WOLI Fed Com #1H  
 Well: SHL: 2579 FSL & 355' FWL, Sec 31  
 Wellbore: BHL: 2200' FSL & 100' FEL, Sec 32  
 Design: Design #1

Local Co-ordinate Reference: Site Normandy 31/32 WOLI Fed Com #1H  
 TVD Reference: WELL @ 3259.0usft (Original Well Elev)  
 MD Reference: WELL @ 3259.0usft (Original Well Elev)  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

Planned Survey

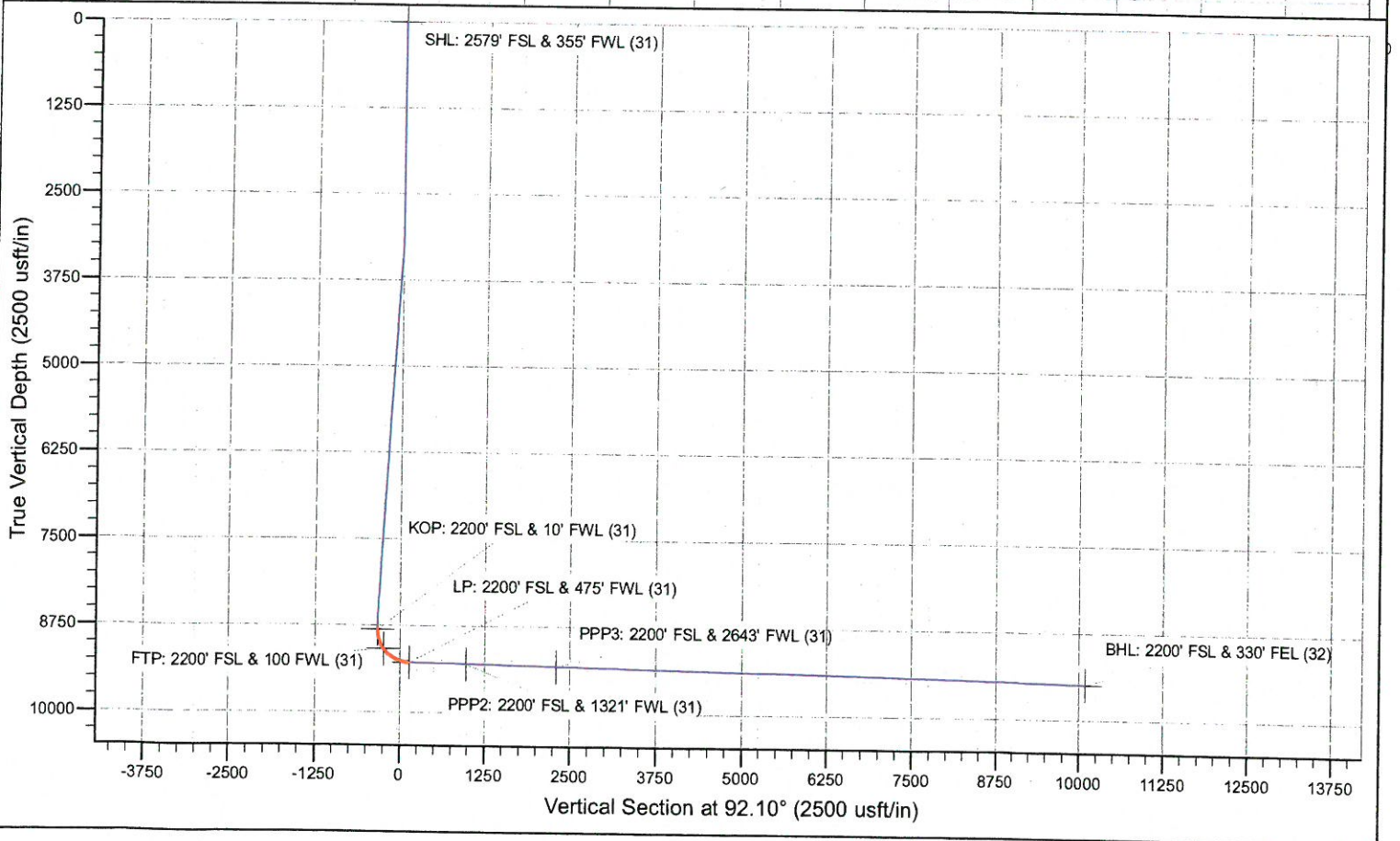
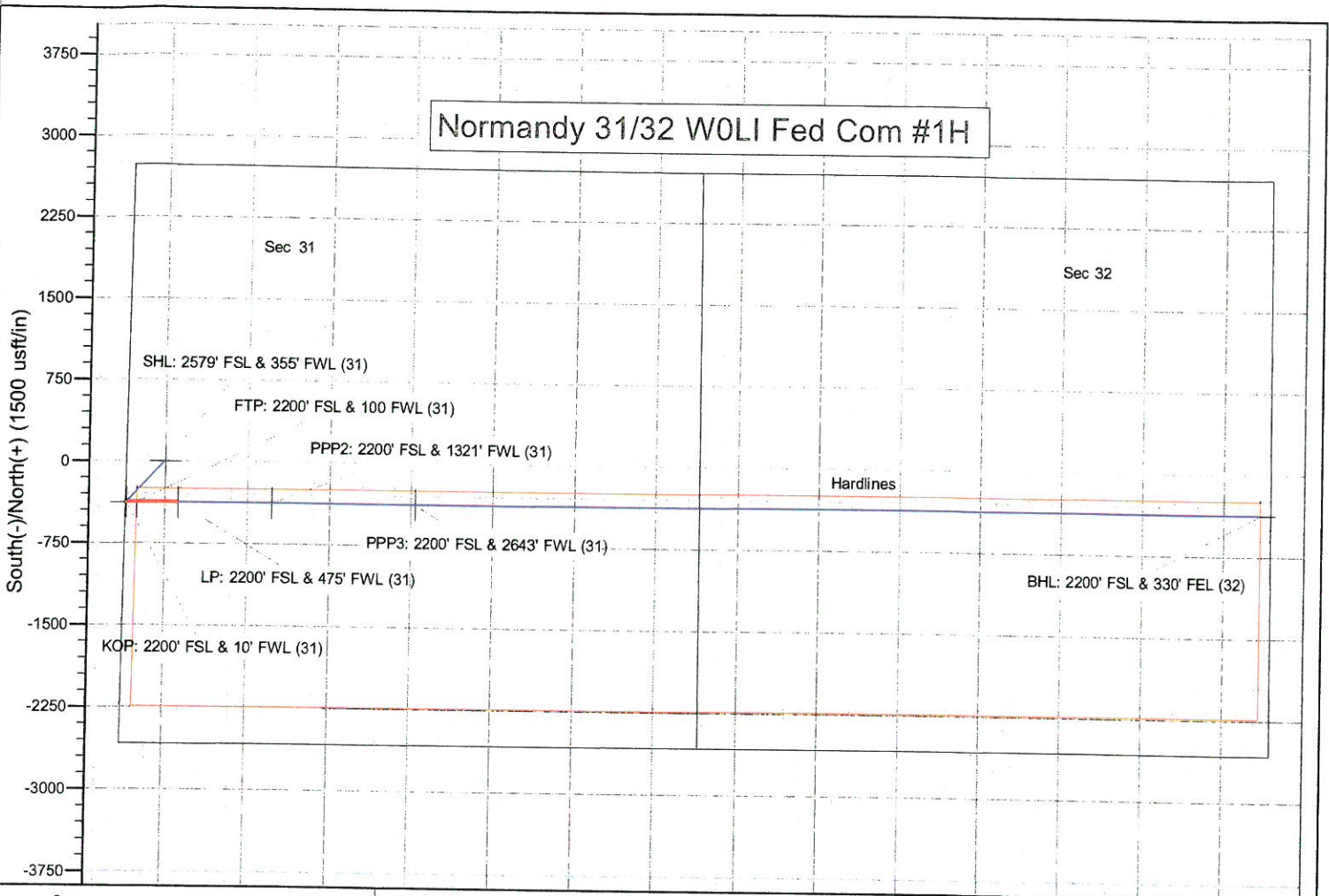
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Bulld Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 17,900.0              | 88.80           | 89.95       | 9,458.6               | -371.0       | 8,447.4      | 8,455.3                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 88.80           | 89.95       | 9,460.7               | -370.9       | 8,547.4      | 8,555.2                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 88.80           | 89.95       | 9,462.8               | -370.8       | 8,647.3      | 8,655.1                 | 0.00                    | 0.00                   | 0.00                  |
| 18,200.0              | 88.80           | 89.95       | 9,464.9               | -370.8       | 8,747.3      | 8,755.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,300.0              | 88.80           | 89.95       | 9,467.0               | -370.7       | 8,847.3      | 8,854.9                 | 0.00                    | 0.00                   | 0.00                  |
| 18,400.0              | 88.80           | 89.95       | 9,469.1               | -370.6       | 8,947.3      | 8,954.8                 | 0.00                    | 0.00                   | 0.00                  |
| 18,500.0              | 88.80           | 89.95       | 9,471.2               | -370.5       | 9,047.2      | 9,054.7                 | 0.00                    | 0.00                   | 0.00                  |
| 18,600.0              | 88.80           | 89.95       | 9,473.3               | -370.4       | 9,147.2      | 9,154.7                 | 0.00                    | 0.00                   | 0.00                  |
| 18,700.0              | 88.80           | 89.95       | 9,475.4               | -370.3       | 9,247.2      | 9,254.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,800.0              | 88.80           | 89.95       | 9,477.4               | -370.2       | 9,347.2      | 9,354.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,900.0              | 88.80           | 89.95       | 9,479.5               | -370.2       | 9,447.2      | 9,454.4                 | 0.00                    | 0.00                   | 0.00                  |
| 19,000.0              | 88.80           | 89.95       | 9,481.6               | -370.1       | 9,547.1      | 9,554.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,100.0              | 88.80           | 89.95       | 9,483.7               | -370.0       | 9,647.1      | 9,654.2                 | 0.00                    | 0.00                   | 0.00                  |
| 19,200.0              | 88.80           | 89.95       | 9,485.8               | -369.9       | 9,747.1      | 9,754.1                 | 0.00                    | 0.00                   | 0.00                  |
| 19,300.0              | 88.80           | 89.95       | 9,487.9               | -369.8       | 9,847.1      | 9,854.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,400.0              | 88.80           | 89.95       | 9,490.0               | -369.7       | 9,947.0      | 9,953.9                 | 0.00                    | 0.00                   | 0.00                  |
| 19,500.0              | 88.80           | 89.95       | 9,492.1               | -369.6       | 10,047.0     | 10,053.8                | 0.00                    | 0.00                   | 0.00                  |
| 19,541.9              | 88.80           | 89.95       | 9,493.0               | -369.6       | 10,088.9     | 10,095.7                | 0.00                    | 0.00                   | 0.00                  |

BHL: 2200' FSL & 330' FEL (32)

Design Targets

| Target Name<br>- hit/miss target<br>- Shape                     | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude   | Longitude    |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------|--------------|
| SHL: 2579' FSL & 355' F<br>- plan hits target center<br>- Point | 0.00          | 0.00         | 0.0        | 0.0          | 0.0          | 556,524.60      | 606,575.10     | 32.5295198 | -103.9875357 |
| KOP: 2200' FSL & 10' F1<br>- plan hits target center<br>- Point | 0.00          | 0.00         | 8,806.0    | -378.6       | -348.1       | 556,146.00      | 606,227.00     | 32.5284822 | -103.9886691 |
| FTP: 2200' FSL & 100 F<br>- plan hits target center<br>- Point  | 0.00          | 0.00         | 9,089.5    | -378.5       | -255.0       | 556,146.08      | 606,320.10     | 32.5284816 | -103.9883670 |
| LP: 2200' FSL & 475' FV<br>- plan hits target center<br>- Point | 0.00          | 0.00         | 9,284.0    | -378.2       | 120.0        | 556,146.42      | 606,695.10     | 32.5284792 | -103.9871503 |
| PPP2: 2200' FSL & 1321<br>- plan hits target center<br>- Point  | 0.00          | 0.00         | 9,301.7    | -377.5       | 966.0        | 556,147.14      | 607,541.10     | 32.5284736 | -103.9844054 |
| PPP3: 2200' FSL & 2643<br>- plan hits target center<br>- Point  | 0.00          | 0.00         | 9,329.4    | -376.3       | 2,287.0      | 556,148.27      | 608,862.10     | 32.5284647 | -103.9801194 |
| BHL: 2200' FSL & 330' F<br>- plan hits target center<br>- Point | 0.00          | 0.00         | 9,493.0    | -369.6       | 10,088.9     | 556,155.00      | 616,664.00     | 32.5284096 | -103.9548057 |

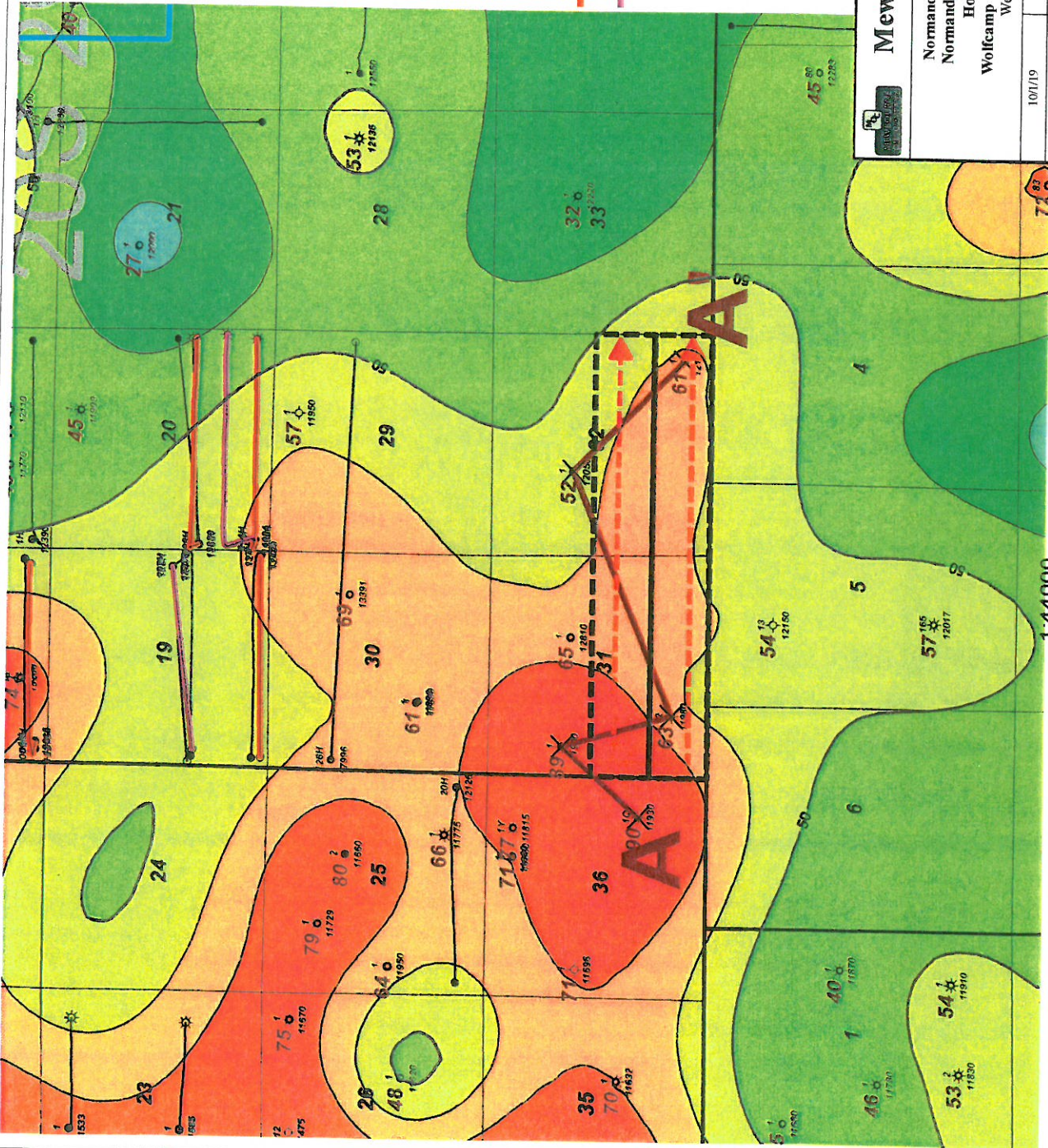
# Normandy 31/32 WOLI Fed Com #1H





**Normandy Area 3rd BSPG-WFMP SD Production Table**

| Well Name                    | Operator  | API        | Location    | Completion Date | Cum Oil (Mbo) | Cum Gas (Bcf) | Cum Water (Mbw) | NS/EW | Production Zone |
|------------------------------|-----------|------------|-------------|-----------------|---------------|---------------|-----------------|-------|-----------------|
| Stebbins 19 Federal Com 203H | Matador   | 3001544173 | 19L-20S-29E |                 |               |               |                 |       |                 |
| Stebbins 20 Federal 134H     | Matador   | 3001544175 | 20M-20S-29E | 11/8/2017       | 102.8         | 0.3           | 343.1           | EW    | WFMP SD         |
| Stebbins 20 Federal 204H     | Matador   | 3001544177 | 20M-20S-29E | 9/15/2018       | 59.3          | 0.4           | 91.9            | EW    | 3rd BSPG SD     |
| Stebbins 20 Federal 133H     | Matador   | 3001544183 | 20L-20S-29E | 7/14/2017       | 97.9          | 0.2           | 336.5           | EW    | WFMP SD         |
| Stebbins 19 Federal 137H     | Matador   | 3001544187 | 19P-20S-29E |                 |               |               |                 | EW    | 3rd BSPG SD     |
| Derringer 18 B3MP Federal 2H | Mewbourne | 3001544816 | 18M-20S-29E | 9/8/2018        | 135.6         | 0.3           | 260.8           | EW    | 3rd BSPG SD     |



WFMP V SD Gross Thickness Interval (C.I. 10')  
Color Field Contour  
Entry



3rd Bone Spring SD Horizontal  
Wolfcamp SD Horizontal

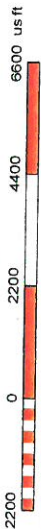


Well #  
WFMP SD Gross Thickness  
TD

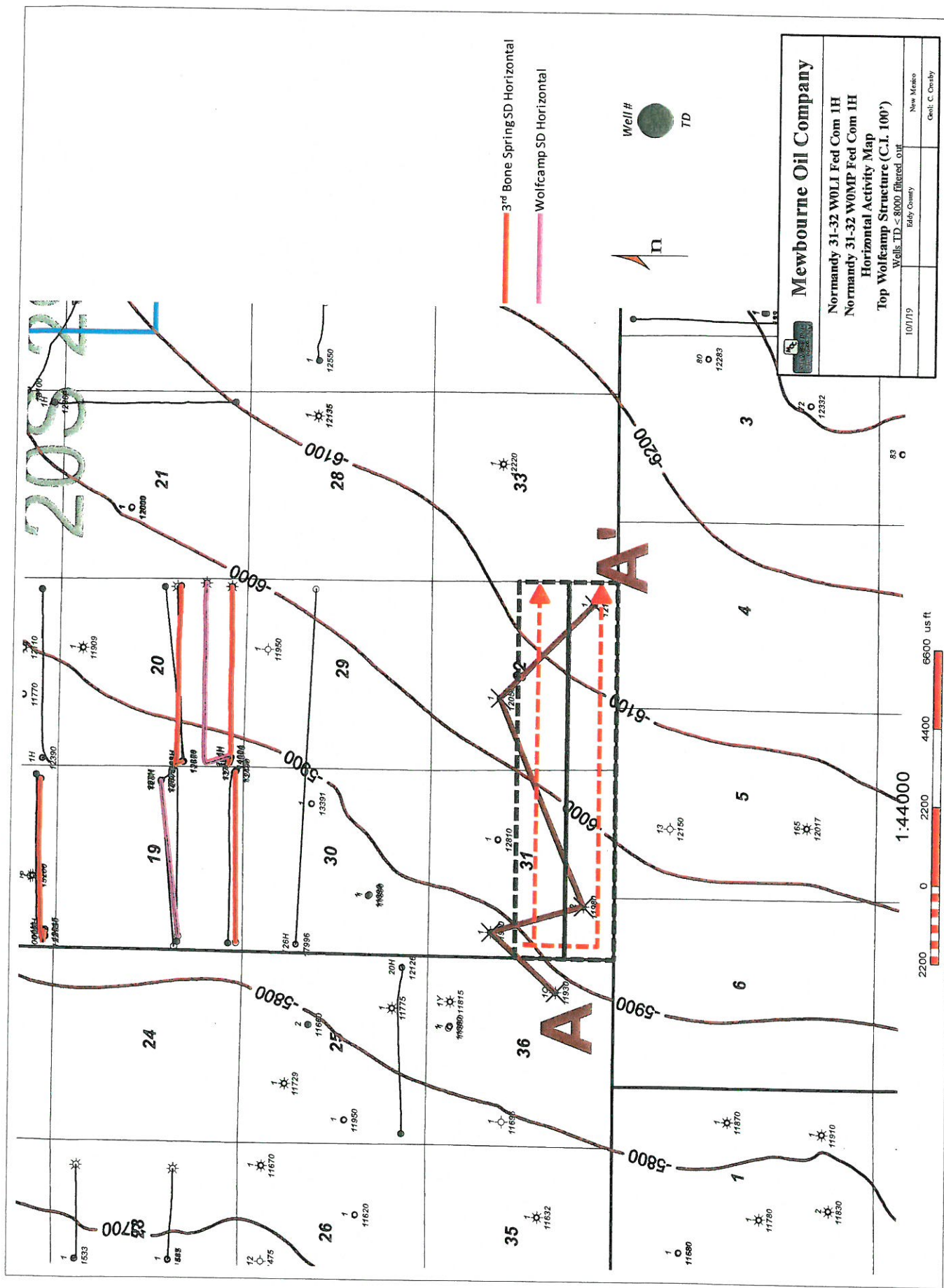
**Mewbourne Oil Company**

Normandy 31-32 WOLI Fed Com 1H  
 Normandy 31-32 WOMP Fed Com 1H  
 Horizontal Activity Map  
 Wolfcamp SD Gross Thickness (C.I. 10')  
 Wells TD < 8000 filtered out

|         |             |                 |
|---------|-------------|-----------------|
| 10/1/19 | Hddy County | New Mexico      |
|         |             | Geol. C. Crosby |

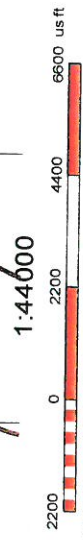


2052

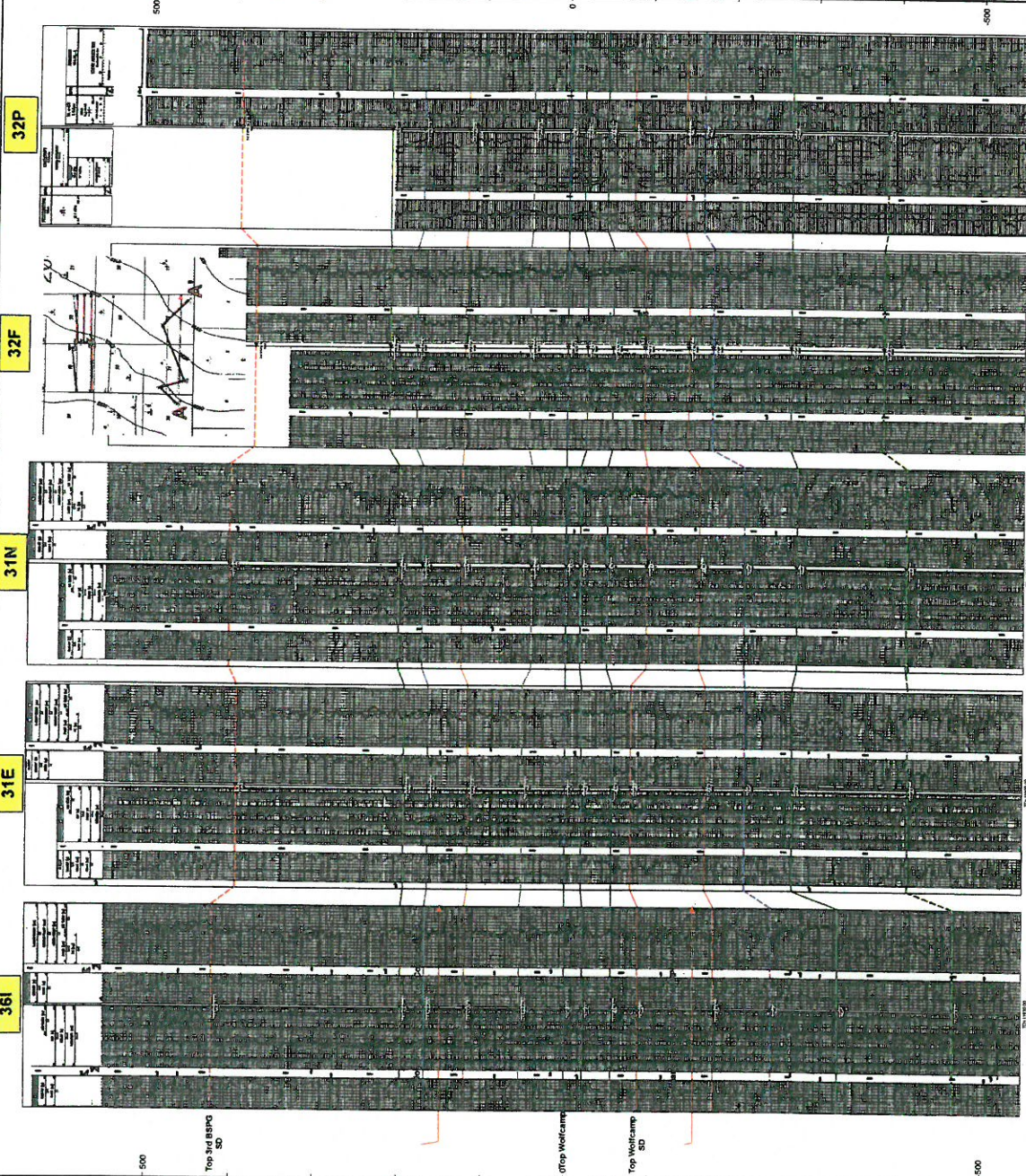


|                                    |                 |
|------------------------------------|-----------------|
| <b>Mewbourne Oil Company</b>       |                 |
| Normandy 31-32 WOLI Fed Com 1H     |                 |
| Normandy 31-32 WOMP Fed Com 1H     |                 |
| Horizontal Activity Map            |                 |
| Top Wolfcamp Structure (C.I. 100') |                 |
| 10/1/19                            | Eddy County     |
|                                    | New Mexico      |
|                                    | Geol: C. Crosby |

Well # TD



**A** **W** **A** **E**  
 500 0 500  
 Top rd BSRPG SD  
 Top Workcamp SD  
 Top Workcamp SD  
 500



Normandy 31/32  
 Cross Section  
 Exhibit (A-A)



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

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

CASE NO. 20797

AFFIDAVIT OF NOTICE

STATE OF NEW MEXICO )
COUNTY OF SANTA FE )

Dalva L. Moellenberg, being of lawful age and being first duly sworn upon his oath, states as follows:

- 1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Applicant Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owners, at their correct addresses, by certified mail. Copies of the notice letters and certified return receipts are attached hereto as Attachment A.
5. Also included in Attachment B is a copy of the affidavit of newspaper publication.
6. Applicant has complied with the notice provisions of the Division Regulations.

FURTHER AFFIANT SAYETH NOT

[Signature]
Dalva L. Moellenberg

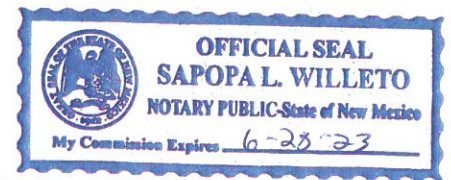
SUBSCRIBED and SWORN to before me this 2nd day of October, 2019 by Dalva L. Moellenberg.

[Signature]

Notary Public

My Commission Expires:

June 28, 2023



September 10, 2019

**VIA CERTIFIED MAIL  
CERTIFIED RECEIPT REQUESTED**

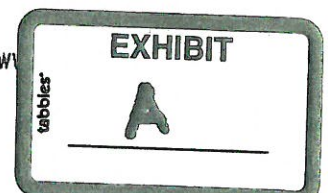
Trent DeHoyos  
Tumbler Energy Partners,  
1701 River Run, Suite 306  
Fort Worth, TX 76107

**Re: Applications of Mewbourne Oil Company for compulsory pooling, Eddy County,  
New Mexico; Case Nos. 20796, 20797 and 20798**

Dear Mr. DeHoyos:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed three applications with the New Mexico Oil Conservation Division. These applications are set for hearing before a Division Examiner at 8:15 am on October 3, 2019. The hearing will be held in Porter Hall in the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. 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. If you are an individual who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact Florene Davidson at (505) 746-3458 or through the New Mexico Relay Network, (800) 659-1779 by September 23, 2019.

Parties appearing in cases are required by Rule 19.15.4.13.B NMAC to file a Pre-Hearing Statement at least four business days in advance of a scheduled hearing (normally by the Thursday the week before the hearing). This statement must be filed at the Division's Santa Fe office at the address above and should include: the names of the parties and their attorneys; a concise statement of the case; the extent to which you support or oppose the issuance of the order the applicant seeks and the reasons for such support or opposition; the names of all witnesses the party will call to testify at the hearing and in the case of expert witnesses, their fields of expertise; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing. A copy of the Pre-Hearing State also must be provided to the undersigned. You should carefully read the applicable rules to ensure compliance.



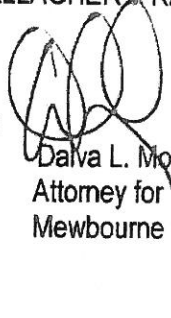
Trent DeHoyos  
September 10, 2019  
Page 2

If you have any questions about this matter, please contact the undersigned. Thank you for your attention to this matter.

Very truly yours,

GALLAGHER & KENNEDY, P.A.

By:



Darva L. Moellenberg  
Attorney for  
Mewbourne Oil Company

G|K



**Dalva L. Moellenberg**  
Attorney  
Direct: (505) 989-7278  
Email: dlm@gknet.com

September 10, 2019

**VIA CERTIFIED MAIL  
CERTIFIED RECEIPT REQUESTED**

Mark Roper  
Roper Family Properties Limited  
4206 Water's Edge Cv.  
Austin, TX 78731

**Re: Applications of Mewbourne Oil Company for compulsory pooling, Eddy County,  
New Mexico; Case Nos. 20796, 20797 and 20798**

Dear Mr. Roper:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed three applications with the New Mexico Oil Conservation Division. These applications are set for hearing before a Division Examiner at 8:15 am on October 3, 2019. The hearing will be held in Porter Hall in the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. 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. If you are an individual who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact Florene Davidson at (505) 746-3458 or through the New Mexico Relay Network, (800) 659-1779 by September 23, 2019.

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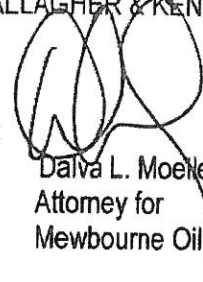
Mark Roper  
September 10, 2019  
Page 2

If you have any questions about this matter, please contact the undersigned. Thank you for your attention to this matter.

Very truly yours,

GALLAGHER & KENNEDY, P.A.

By:



Dalva L. Moellenberg  
Attorney for  
Mewbourne Oil Company

G|K



**Daiva L. Moellenberg**  
Attorney  
Direct: (505) 989-7278  
Email: [d1m@gknet.com](mailto:d1m@gknet.com)

September 10, 2019

**VIA CERTIFIED MAIL  
CERTIFIED RECEIPT REQUESTED**

Shelley Nelson  
Shelley Furr Hall Trust  
5229 21<sup>st</sup> Street  
Lubbock, TX 77042

**Re: Applications of Mewbourne Oil Company for compulsory pooling, Eddy County,  
New Mexico; Case Nos. 20796, 20797 and 20798**

Dear Ms. Nelson:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed three applications with the New Mexico Oil Conservation Division. These applications are set for hearing before a Division Examiner at 8:15 am on October 3, 2019. The hearing will be held in Porter Hall in the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. 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. If you are an individual who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact Florene Davidson at (505) 746-3458 or through the New Mexico Relay Network, (800) 659-1779 by September 23, 2019.

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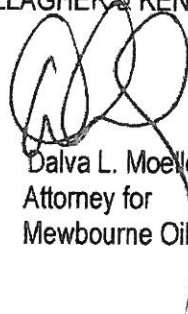
Shelley Nelson  
September 10, 2019  
Page 2

If you have any questions about this matter, please contact the undersigned. Thank you for your attention to this matter.

Very truly yours,

GALLAGHER & KENNEDY, P.A.

By:



Dalva L. Moellenberg  
Attorney for  
Mewbourne Oil Company

G|K



Dalva L. Moellenberg  
Attorney  
Direct: (505) 989-7278  
Email: [dlim@gknet.com](mailto:dlim@gknet.com)

September 10, 2019

**VIA CERTIFIED MAIL  
CERTIFIED RECEIPT REQUESTED**

Chloe Sawtelle  
EOG Resources, Inc.  
5509 Champions Drive  
Midland, Texas 79706

**Re: Applications of Mewbourne Oil Company for compulsory pooling, Eddy County,  
New Mexico; Case Nos. 20796, 20797 and 20798**

Dear Ms. Sawtelle:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed three applications with the New Mexico Oil Conservation Division. These applications are set for hearing before a Division Examiner at 8:15 am on October 3, 2019. The hearing will be held in Porter Hall in the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. 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. If you are an individual who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact Florene Davidson at (505) 746-3458 or through the New Mexico Relay Network, (800) 659-1779 by September 23, 2019.

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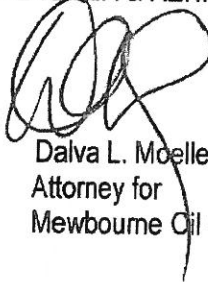
If you have any questions about this matter, please contact the undersigned. Thank you for your attention to this matter.

Chloe Sawtelle  
September 10, 2019  
Page 2

Very truly yours,

GALLAGHER & KENNEDY, P.A.

By:



Dalva L. Moellenberg  
Attorney for  
Mewbourne Oil Company

G|K



**Daiva L. Moellenberg**  
Attorney  
Direct: (505) 989-7278  
Email: dlm@gknet.com

September 10, 2019

**VIA CERTIFIED MAIL  
CERTIFIED RECEIPT REQUESTED**

Land Manager  
Yates Energy Company  
400 N. Pennsylvania Ave.  
Roswell, NM 88201

**Re: Applications of Mewbourne Oil Company for compulsory pooling, Eddy County,  
New Mexico; Case Nos. 20796, 20797 and 20798**

Dear Land Manager:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed three applications with the New Mexico Oil Conservation Division. These applications are set for hearing before a Division Examiner at 8:15 am on October 3, 2019. The hearing will be held in Porter Hall in the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. 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. If you are an individual who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact Florene Davidson at (505) 746-3458 or through the New Mexico Relay Network, (800) 659-1779 by September 23, 2019.

Parties appearing in cases are required by Rule 19.15.4.13.B NMAC to file a Pre-Hearing Statement at least four business days in advance of a scheduled hearing (normally by the Thursday the week before the hearing). This statement must be filed at the Division's Santa Fe office at the address above and should include: the names of the parties and their attorneys; a concise statement of the case; the extent to which you support or oppose the issuance of the order the applicant seeks and the reasons for such support or opposition; the names of all witnesses the party will call to testify at the hearing and in the case of expert witnesses, their fields of expertise; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing. A copy of the Pre-Hearing State also must be provided to the undersigned. You should carefully read the applicable rules to ensure compliance.

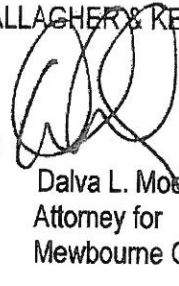
Land Manager  
September 10, 2019  
Page 2

If you have any questions about this matter, please contact the undersigned. Thank you for your attention to this matter.

Very truly yours,

GALLAGHER & KENNEDY, P.A.

By:



Dalva L. Moellenberg  
Attorney for  
Mewbourne Oil Company

G|K



Dalva L. Moellenberg  
Attorney  
Direct: (505) 989-7278  
Email: dlm@gknet.com

September 10, 2019

**VIA CERTIFIED MAIL  
CERTIFIED RECEIPT REQUESTED**

Thad Montgomery  
Black Stone Energy Company  
101 Fannin, #2020  
Houston, Texas 77002

**Re: Applications of Mewbourne Oil Company for compulsory pooling, Eddy County,  
New Mexico; Case Nos. 20796, 20797 and 20798**

Dear Mr. Montgomery:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed three applications with the New Mexico Oil Conservation Division. These applications are set for hearing before a Division Examiner at 8:15 am on October 3, 2019. The hearing will be held in Porter Hall in the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. 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. If you are an individual who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact Florene Davidson at (505) 746-3458 or through the New Mexico Relay Network, (800) 659-1779 by September 23, 2019.

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If you have any questions about this matter, please contact the undersigned. Thank you for your attention to this matter.



Thad Montgomery  
September 10, 2019  
Page 2

Very truly yours,

GALLAGHER & KENNEDY, P.A.

By:



Dalva L. Moellenberg  
Attorney for  
Mewbourne Oil Company

G|K

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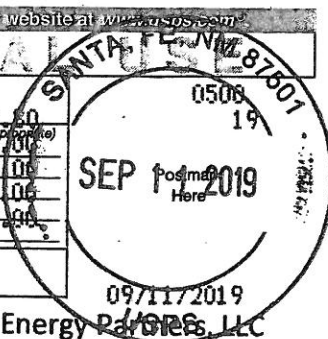
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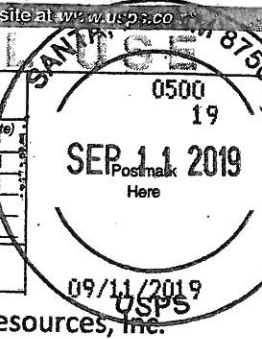
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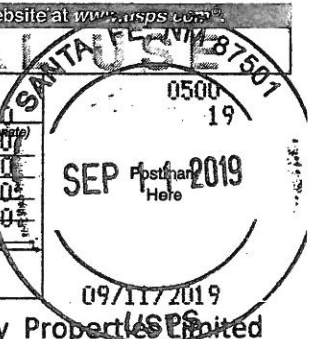
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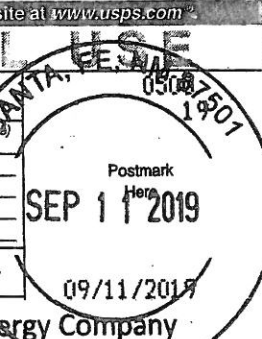
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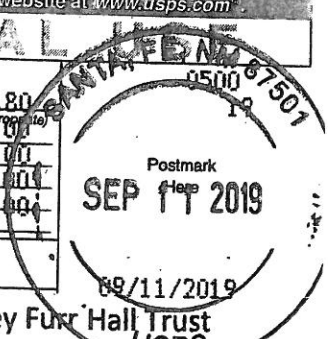
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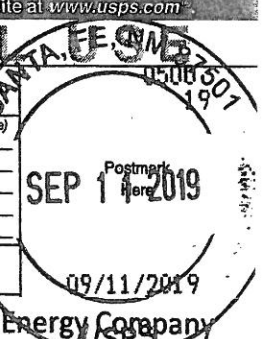
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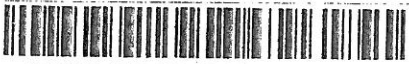
Postage \$1.30

**Total Postage and Fees \$7.60**

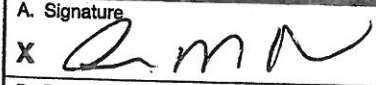

Sent To  
**Black Stone Energy Company**  
 Attn: Mr. Thad Montgomery, V  
 1001 Fannin, #2020  
 Houston, TX 77002

PS Form 3800, A

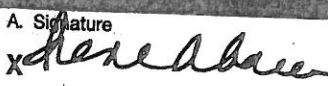



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| <p>1. Article Addressed to:</p> <p style="text-align: center;"><b>EOG Resources, Inc.</b><br/> <b>Attn: Ms. Chloe Sawtelle</b><br/> <b>5509 Champions Drive</b><br/> <b>Midland, TX 79706</b></p>  | <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes<br/>           If YES, enter delivery address below: <input type="checkbox"/> No</p>  |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |
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| <p>1. Article Addressed to:</p> <p style="text-align: center;"><b>Tumbler Energy Partners, LLC</b><br/> <b>Attn: Mr. Trent DeHoyos</b><br/> <b>1701 River Run, Suite 306</b><br/> <b>Fort Worth, TX 76107</b></p>  | <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes<br/>           If YES, enter delivery address below: <input type="checkbox"/> No</p>  |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |
| <br>9590 9402 5049 9092 4471 53  | <p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restrict Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Insured Mail</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</td> <td></td> </tr> </table> | <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® | <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ | <input type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restrict Delivery | <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation | <input type="checkbox"/> Collect on Delivery Restricted Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery | <input type="checkbox"/> Insured Mail |  | <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) |  |
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| <p>1. Article Addressed to:</p> <p style="text-align: center;"><b>Black Stone Energy Company</b><br/> <b>Attn: Mr. Thad Montgomery, V</b><br/> <b>1001 Fannin, #2020</b><br/> <b>Houston, TX 77002</b></p>   | <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes<br/>           If YES, enter delivery address below: <input type="checkbox"/> No</p>  |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |
| <br>9590 9402 5049 9092 4471 46  | <p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restrict Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Insured Mail</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</td> <td></td> </tr> </table> | <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® | <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ | <input type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restrict Delivery | <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation | <input type="checkbox"/> Collect on Delivery Restricted Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery | <input type="checkbox"/> Insured Mail |  | <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) |  |
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| <input type="checkbox"/> Adult Signature Restricted Delivery   | <input type="checkbox"/> Registered Mail™   |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |
| <input type="checkbox"/> Certified Mail®   | <input type="checkbox"/> Registered Mail Restrict Delivery  |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |
| <input type="checkbox"/> Certified Mail Restricted Delivery  | <input type="checkbox"/> Return Receipt for Merchandise   |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |
| <input type="checkbox"/> Collect on Delivery   | <input type="checkbox"/> Signature Confirmation   |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery   | <input type="checkbox"/> Signature Confirmation Restricted Delivery   |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |
| <input type="checkbox"/> Insured Mail  |   |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |
| <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)   |   |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |
| <p>2. Article Number (Transfer from service label)</p> <p>7019 0140 0000 2155 7358</p>   |   |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |
| PS Form 3811, July 2015 PSN 7530-02-000-9053   |   |  |   |  |   |  |  |   |   |  |   |  |   |                                       |  |  |  |

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
**Yates Energy Company**  
 Attn: Land Manager  
 400 N. Pennsylvania Ave.  
 Roswell, NM 88201



2. Article Number (Transfer from service label)  
**7019 0140 0000 2155 7341**  
 PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature  Agent  
*Capitine Rodden*  Address  
 B. Received by (Printed Name)  Date of Delivery  
*Cynthia Ludfair*  9/16/19  
 D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

3. Service Type  
 Adult Signature  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Certified Mail Restricted Delivery  
 Collect on Delivery  
 Collect on Delivery Restricted Delivery  
 Insured Mail  
 Insured Mail Restricted Delivery (over \$500)  
 Priority Mail Express®  
 Registered Mail™  
 Registered Mail Restricted Delivery  
 Return Receipt for Merchandise  
 Signature Confirmation™  
 Signature Confirmation Restricted Delivery

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
**Shelley Furr Hall Trust**  
 Attn: Ms. Shelley Nelson  
 5229 21st Street  
 Lubbock, TX 77042



2. Article Number (Transfer from service label)  
**7019 0140 0000 2155 7391**  
 PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature  Agent  
*Shelley Furr*  Address  
 B. Received by (Printed Name)  Date of Delivery  
*Shelley Nelson*  9/16/19  
 D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

3. Service Type  
 Adult Signature  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Certified Mail Restricted Delivery  
 Collect on Delivery  
 Collect on Delivery Restricted Delivery  
 Insured Mail  
 Insured Mail Restricted Delivery (over \$500)  
 Priority Mail Express®  
 Registered Mail™  
 Registered Mail Restricted Delivery  
 Return Receipt for Merchandise  
 Signature Confirmation™  
 Signature Confirmation Restricted Delivery

Domestic Return Receipt

PS Form 3811, July 2015 PSN 7530-02-000-9053

Article Number (Transfer from service label)  
**7019 0140 0000 2155 7372**

9590 9402 5049 9092 4471 60

4206 Water's Edge Cv.  
 Attn: Mr. Mark Roper  
 Roper Family Properties Limited  
 Austin, TX 78731

1. Article Addressed to:  
 Attach this card to the back of the mailpiece, so that we can return the card to you.  
 Print your name and address on the reverse  
 Complete items 1, 2, and 3.  
 or on the front if space permits.

2. Article Number (Transfer from service label)  
**7019 0140 0000 2155 7372**  
 PS Form 3811, July 2015 PSN 7530-02-000-9053

3. Service Type  
 Adult Signature  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Certified Mail Restricted Delivery  
 Collect on Delivery  
 Collect on Delivery Restricted Delivery  
 Insured Mail  
 Insured Mail Restricted Delivery (over \$500)  
 Priority Mail Express®  
 Registered Mail™  
 Registered Mail Restricted Delivery  
 Return Receipt for Merchandise  
 Return Receipt for Signature Confirmation™  
 Signature Confirmation Restricted Delivery

4. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

B. Received by (Printed Name)  Address  
*Mark Roper*  9/18/19  
 C. Date of Delivery

A. Signature  Agent

COMPLETE THIS SECTION ON DELIVERY

Domestic Return Receipt

CARLSBAD  
**CURRENT-ARGUS**

**AFFIDAVIT OF PUBLICATION**

**Ad No.  
0001296298**


GALLAGHER & KENNEDY  
1239 PASEO DE PERALTA  
SANTA FE NM 875012758

I, a legal clerk of the **Carlsbad Current-Argus**,  
a newspaper published daily at the City of  
Carlsbad, in said county of Eddy, state of New  
Mexico and of general paid circulation in said  
county; that the same is a duly qualified  
newspaper under the laws of the State wherein  
legal notices and advertisements may be  
published; that the printed notice attached  
hereto was published in the regular and entire  
edition of said newspaper and not in supplement  
thereof on the date as follows, to wit:

09/13/19

  
\_\_\_\_\_  
Legal Clerk

Subscribed and sworn before me this  
13th of September 2019.

  
\_\_\_\_\_  
State of WI, County of Brown  
NOTARY PUBLIC

8-25-23  
\_\_\_\_\_  
My Commission Expires

Ad#:0001296298  
P O : 20796 20797 20798  
# of Affidavits :0.00

SHELLY HORA  
Notary Public  
State of Wisconsin

EXHIBIT  
tabbles  
B

**LEGAL NOTICE**  
**September 13, 2019**

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on October 3, 2019, in the Oil Conservation Division Hearing Room at 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appointed for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact: Florene Davidson at 505-476-3458 or through the New Mexico Relay Network, 1-800-659-1779 by July September 23, 2019. Public documents, including the agenda and minutes, can be provided in various accessible forms. Please contact Florene Davidson if a summary or other type of accessible form is needed.

**STATE OF NEW MEXICO TO:**  
All named parties and persons  
having any right, title, interest  
or claim in the following case  
and notice to the public,

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated)

To: All affected parties, as well as the heirs and devisees, both known and unknown, of: EOG Resources Inc.; Yates Energy Company; Black Stone Energy Company; Tumbler Energy Partners, LLC; Roper Family Properties Limited; and Shelley Furr Hall Trust.

Case No. 20796: Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a 640-acre, more or less, horizontal spacing unit comprised of the S/2 of Section 31 and the S/2 of Section 32, Township 20 South, Range 29 East, Eddy County, New Mexico. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the Normandy 31/32 B3LI Federal Com #1H well to be drilled from a surface hole location in the NW/4 SW/4 (Lot 3) of Section 31, T20S, R29E to a bottom hole location in the NE/4 SE/4 (Unit 1) of Section 32, T20S, R29E to a depth sufficient to test the Bone Spring formation for oil production. The completed interval for the well will remain within the standard setbacks as required by the statewide rules for oil wells. Also to be considered will be the cost of drilling and completing the well, the allocation of the cost thereof, the actual operating costs and charges for supervision, the designation of applicant as operator, and the imposition of a 200% charge for risk involved in the drilling and completing the well. Said area is located approximately seven miles northeast of Carlsbad, New Mexico.

Case No. 20797: Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order pooling all mineral interest owners in the Wolfcamp formation underlying a 320-acre, more or less, horizontal spacing unit comprised of the N/2 S/2 of Section 31 and the N/2 S/2 of Section 32, Township 20 South, Range 29 East, Eddy County, New Mexico. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the Normandy 31/32 WOLI Federal Com #1H well

to be drilled from a surface hole location in the NW/4 SW/4 (Lot 3) of Section 31, T20S, R29E to a bottom hole location in the NE/4 SE/4 (Unit I) of Section 32, T20S, R29E to a depth sufficient to test the Wolfcamp formation for oil production. The completed interval for the well will remain within the standard setbacks as required by the statewide rules for oil wells. Also to be considered will be the cost of drilling and completing the well, the allocation of the cost thereof, the actual operating costs and charges for supervision, the designation of applicant as operator, and the imposition of a 200% charge for risk involved in the drilling and completing the well. Said area is located approximately seven miles northeast of Carlsbad, New Mexico.

Case No. 20798: Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order pooling all mineral interest owners in the Wolfcamp formation underlying a 320-acre, more or less, horizontal spacing unit comprised of the S/2 S/2 of Section 31 and the S/2 S/2 of Section 32, Township 20 South, Range 29 East, Eddy County, New Mexico. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the Normandy 31/32 WOMP Federal Com #1H well to be drilled from a surface hole location in the NW/4 SW/4 (Lot 3) of Section 31, T20S, R29E to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 32, T20S, R29E to a depth sufficient to test the Wolfcamp formation for oil production. The completed interval for the well will remain within the standard setbacks as required by the statewide rules for oil wells. Also to be considered will be the cost of drilling and completing the well, the allocation of the cost thereof, the actual operating costs and charges for supervision, the designation of applicant as operator, and the imposition of a 200% charge for risk involved in the drilling and completing the well. Said area is located approximately seven miles northeast of Carlsbad, New Mexico.  
Sept. 13, 2019