

CASE NO. 15689

TRACT OWNERSHIP FOR WOLFCAMP FORMATION:

TRACT #1: NW/4SE/4 of SECTION 23. (Fee Leases)

Chevron USA INC. 100.00%

TRACT #2: NE/4SE/4 and S/2SE/4 of Section 23 (Fee Leases)

Mewbourne Oil Company 100.00%

TRACT #3: W/2SW/4 of Section 24 (Fee Leases)

Mewbourne Oil Company 100.00%

TRACT #4: NE/4SW/4 of Section 24 (Federal Lease NM 27919)

EOG Resources, Inc. 100.00%

TRACT #5: SE/4SW/4 of Section 24 (Fee Leases)

Mewbourne Oil Company 87.50%
MRC Permian Company 12.50%

TRACT #6: W/2SE/4 and SE/4SE/4 of Section 24 (Federal Lease NM 107373)

COG Operating LLC 40.00%
Chevron USA INC. 30.00%
OXY USA INC. 30.00%

EXHIBIT 2

TRACT #7: NE/4SE/4 of Section 24 (Federal Lease NM 110829)

Crown Oil Partners V, LP	27.34%
Crump Energy Partners II, LLC	27.34%
Black Mountain Operating, LLC	18.56%
Black Crown Energy Partners, LP	15.79%
Charles D. Ray	5.09%
Oak Valley Mineral & Land	3.13%
Stillwater Investments	1.56%
Paleozoic Petroleum, LLC	1.00%
TBO Oil & Gas	0.19%
	100.00%

Unit Ownership - SE/4 of Section 23 and S/2 of Section 24

Mewbourne Oil Company	41.161894%
Chevron USA INC.	15.833333%
COG Operating LLC	10.000000%
EOG Resources, Inc	8.333333%
OXY USA INC.	7.500000%
MRC Permian Company	7.291760%
Nadel & Gussman, LLC	1.595120%
TBO Oil & Gas, LLC	1.562000%
Black Mountain Operating, LLC	1.546880%
Crump Energy Partners II, LLC	1.481180%
Crown Oil Partners V, LP	1.481180%
Black Crown Energy Partners, LP	1.315420%
Charles D. Ray	0.423970%
Oak Valley Mineral & Land, LP	0.260420%
Stillwater Investments	0.130210%
Paleozoic Petroleum, LLC	0.083300%
	<u>100.000000%</u>

Case No. 15689

Summary of Communications:

Nadel & Gussman Permian	1.595120%
Crump Energy Partners	1.481180%
Crown Oil Partners	1.481180%
Black Crown Energy Partners	1.315420%
Oak Valley Mineral & Land	0.260420%
Paleozoic Petroleum	<u>0.083300%</u>
	6.216620%

Contact: Mr. Caleb Hopson (806) 898-1717
Email: chopson@bcoperating.com

- 11-29-2016:** Proposed Queen "23/24" wells to above parties via certified mail with AFEs.
- 01-04-2017:** Sent proposed JOA to above parties for consideration and execution.
- 03-29-2017:** Follow up letter to Paleozoic Petroleum regarding the status of the JOA execution.
- 03-31-2017:** Follow up letter to the above parties except for Paleozoic Petroleum regarding the status of the JOA execution.
- 04-04-2017:** Email to above parties regarding change in surface location for proposed wells due to surface owner's concerns.
- 04-19-2017:** Sent above parties revision pages to proposed JOA.
- 05-01-2017:** Sent Marathon email regarding upcoming Pooling Hearing. (Marathon is acquiring all of the above parties interests).
- 05-02-2017:** Sent above parties additional revision pages to proposed JOA.
- 05-03-2017:** Emailed Marathon a copy of our proposed JOA for their review.

Contact: Lauren Burckle (713) 985-6987
Email: Lauren_Burckle@oxy.com

OXY USA INC. 7.50000%

- 11-18-2016:** Sent well proposal letter via certified mail with AFEs regarding the proposal wells.
- 11-28-2016:** Sent well proposal letter via certified mail which was in substitution for previous letter.
- 12-12-2016:** Email from Oxy's Sarah Izzat regarding engineering and geological questions, I gave her our contacts.
- 12-21-2016:** Email from Sarah Izzat to MOC's Travis Cude and Nate Cless regarding various questions about operations for the proposed wells.
- 12-21-2016:** Email from Travis Cude to Sarah Izzat regarding answers to Oxy's questions.
- 01-04-2017:** Sent proposed JOA for Oxy's consideration and execution.
- 02-14-2017:** Email from Oxy's Courtney Carr regarding title questions and my answer to her regarding same.
- 03-29-2017:** Follow up letter to Oxy.

EXHIBIT 3

- 04-04-2017:** Sent revised pages to JOA via email.
05-02-2017: Emailed additional revised pages to JOA.
05-04-2017: Received email from Lauren requesting certain revisions to JOA.
05-05-2017: Emailed Lauren and advised her we would review her proposed revisions and get back to her.
05-09-2017: Emailed Lauren our response regarding Oxy's revisions request.

Contact: Luke Mildren (214) 536-1645
Email: luke.milden@blackmtn.com

Black Mountain Operating, LLC 1.546880%

- 11-18-2016:** Sent well proposals via certified mail with AFEs.
11-28-2016: Sent substitute well proposals via certified mail with AFEs.
01-04-2017: Sent proposed JOA for their consideration.
03-31-2017: Follow up letter regarding proposed wells.
04-04-2017: Email revision to JOA.
04-19-2017: Emailed subsequent revisions to JOA.
05-02-2017: Emailed revised pages to JOA.

Contact: Chuck Moran (432) 686-3684
Email: Charles_Moran@eogresources.com

EOG Resources, INC. 8.33333%

- 11-29-2016:** Sent well proposal letter via certified mail with AFEs.
01-04-2017: Mailed proposed JOA.
03-31-2017: Follow up letter regarding proposed wells.
04-04-2017: Emailed revised pages to JOA.
04-14-2017: Received email from EOG advising me that they do not claim to own an interest . Their interest should have been assigned to Quinoco Petroleum.
04-17-2017: Sent Chuck email advising him I thought Quinoco went to Chevron.
04-19-2017: Emailed EOG some revised pages to JOA
05-02-2017: Emailed EOG additional revised pages to JOA
05-02-2017: Received email from EOG regarding Chevron.
05-03-2017: Emailed EOG advising them I thought Quinoco went to Chevron and gave EOG Chevron's contact information.

Paul Haden

From: Paul Haden
Sent: Wednesday, May 03, 2017 10:23 AM
To: mbrown3@marathonoil.com
Cc: Drew Robison; Corey Mitchell
Subject: Re: Queen "23/24" WIU
Attachments: 20170503111613177.pdf

Matt , attached FYI and Marathon's review is our proposed JOA dated 12/15/2016 . Will Marathon be making an appearance at the hearing on May 11th ?

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [<mailto:phaden@mewbourne.com>]
Sent: Wednesday, May 03, 2017 10:16 AM
To: Paul Haden
Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 05.03.2017 11:16:13 (-0400)

Paul Haden

From: Paul Haden
Sent: Wednesday, May 03, 2017 8:08 AM
To: 'Brown, Matthew D. (MRO)'; Tate, Matthew S. (MRO)
Cc: Drew Robison; Corey Mitchell
Subject: RE: [External] Re: Queen "23/24" WIU

Matt , I'll send it to you later this morning . Thanks for the response .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Brown, Matthew D. (MRO) [<mailto:mbrown3@marathonoil.com>]
Sent: Tuesday, May 02, 2017 4:57 PM
To: Paul Haden; Tate, Matthew S. (MRO)
Cc: Drew Robison; Corey Mitchell
Subject: RE: [External] Re: Queen "23/24" WIU

Paul,

Thank you for the notification regarding the well proposals and upcoming Examiner's Hearing. I will touch base with our technical team to see where we stand on the proposals. We closed on our BC Operating Acquisition (which includes the Crown, Crump and N&G entities listed in your email) yesterday and anticipate closing on our Black Mountain acquisition June 1st. Would it be possible to send an electronic copy of the proposed JOA so that we can begin our review of the document?

Thanks,

Matt Brown, CPL
Marathon Oil Corporation
Land - Permian
Ph# 713.296.3408 / Cell# 281.468.8833
5555 San Felipe St. / Houston, TX 77056

-----Original Message-----

From: Paul Haden [<mailto:phaden@Mewbourne.com>]
Sent: Monday, May 01, 2017 10:42 AM

*To: Thompson, Stephen J. (MRO) <sjthompson@marathonoil.com>; Wiles, Keith A. (MRO) <kwiles@marathonoil.com>;
Brown, Matthew D. (MRO) <mbrown3@marathonoil.com>; Tate, Matthew S. (MRO)
<matthewstate@marathonoil.com>
Cc: Drew Robison <drobison@Mewbourne.com>; Corey Mitchell <cmitchell@Mewbourne.com>
Subject: [External] Re: Queen "23/24" WIU

Beware of links/attachments.

Gentlemen , FYI , Mewbourne Oil Company as Operator has formed a Working Interest Unit covering the SE/4 Sec 23 and S/2 Sec 24 , T24S, R28E , Eddy County , NM for Wolfcamp oil and gas production . See attachments FYI . There are some owners in this WIU which Marathon is apparently going to acquire in the near future . As a courtesy , we are notifying you that the interests of Nadel and Gussman , Black Mountain Operating , Crump Energy Partners , Crown Oil Partners and Oak Valley Mineral & Land were notified as Poolees for an Examiner's Hearing to take place on May 11, 2017 regarding the 2 proposed wells referenced in the attached AFEs . None of these owners have signed AFEs or our proposed Operating Agreement to date . Please advise us what Marathon plans to do regarding our Pooling Applications as to the interests Marathon has plans to acquire . When is this acquisition going to occur and what is the effective date ??

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [<mailto:phaden@mewbourne.com>]
Sent: Monday, May 01, 2017 10:21 AM
To: Paul Haden
Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 05.01.2017 11:20:55 (-0400)

Paul Haden

From: Paul Haden
Sent: Tuesday, May 02, 2017 10:12 AM
To: BCason@concho.com; NWeeks@matadorresources.com; sdhardin@sbcglobal.net; Lauren_Burckle@oxy.com; Charles_Moran@eogresources.com
Subject: Re: Queen "23/24" WIU
Attachments: 20170502104804661.pdf

To all , attached for your further handling are revised pages to the JOA dated December 15 , 2017 for the captioned WIU . These revisions include the following :

- 1) Exhibit "A" - The contact information for COG , MRC Permian and TBO Oil & Gas was revised on Page 1 .
- 2) Exhibit "C" - The date of the JOA was inserted in the heading on Page 1 .
- 3) Exhibit "D" - The date of the JOA was inserted in the heading on Page 1 .
- 4) Exhibit "F" - The date of the JOA was inserted in the heading .
- 5) Exhibit "H" - The date of the JOA was inserted in the heading on Page 1 .
- 6) Exhibit "H" - Exhibit "A" was included .

As to the Recording Supplement , Exhibit "A" was included .

In reference to the above , please substitute the attached pages for the ones currently in your possession .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [<mailto:phaden@mewbourne.com>]
Sent: Tuesday, May 02, 2017 9:48 AM
To: Paul Haden
Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 05.02.2017 10:48:04 (-0400)

Paul Haden

From: Paul Haden
Sent: Wednesday, April 19, 2017 3:43 PM
To: 'BCason@concho.com'; 'NWeeks@matadorresources.com'; 'Lauren_Burckle@oxy.com'; 'bsouth@chevron.com'; 'chopson@bcoperating.com'
Cc: 'RBuress@concho.com'
Subject: FW: Message from "RicoH-MP-C6003-MID-2"
Attachments: 20170419152630615.pdf

To all , attached for your further handling are some revised pages to the JOA dated Dec 15 , 2016 . In the Table of Contents , Option 2 was struck in Article VI. G per Matador's request . On Page 10 on line 3 , \$50,000 was deleted and \$75,000 was inserted in its place . In Article VI. A , I revised the initial location slightly per the surface owner's request due to some surface issues . The description for the proposed interval to be tested was revised to more adequately describe the interval within the Wolfcamp formation to be tested per COG's request . On Page 13 on line 1 , fifteen (15) was revised to thirty (30) per Matador's request . In Article XVI. C. , December 15, 2016 was inserted in the blank on line 13 . In Article XVI. D., the exclusion language is revised to state that the Agreement specifically excluded the well as described therein per COG's request . In Article E. , the phrase "Save and except in this Agreement , " was inserted at the beginning of the sentence per Matador's request . In Article XVI. , paragraphs H , I and J were added per Matador's request . In Exhibit "A" , Paragraph 2 as to depth restrictions , the Wolfcamp formation was more adequately described and COG's contact information was revised per COG's request . In Exhibit "A" , Paragraph 6 as to Burdens On Production , I inserted "as of the date of this Agreement . " Once the Drilling Title Opinion is rendered , the burdens of record can be added to this paragraph .

In Exhibit "B" , I added the phrase "And There Are No Parties Participating In The Contract Area With Unleased Minerals " . In Exhibit C. (Copas) on Page 9 , under Article III. ,1. A. (ii) , Alternative 3 was checked in lieu of Alternative 2 per Matador's request . In Exhibit "D" . paragraph 9 was added per Matador's request . In Exhibit "E" under Definitions in paragraph 1.02 , the third box was deleted and the language inserted in the blanks was deleted per Matador's request . In Exhibit "E" , Gas Balancing Agreement , paragraph 12.9 on Page 5 , the second box was checked per Matador's request .

In reference to the above , please insert the attached revised pages for the ones currently in your possession if your firm is agreeable to the proposed revisions . Let me know if you have any questions or concerns regarding the above . Please have the signature and acknowledgment pages that are currently in your possession executed and returned to me with the executed Recording Memorandum for the Operating Agreement .

Thanks for your cooperation in connection with the above .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

Paul Haden

From: Paul Haden
Sent: Tuesday, April 04, 2017 3:02 PM
To: 'rbuess@concho.com'; 'MMcAuliffe@concho.com'; 'brsouth@chevron.com';
'chopson@bcoperating.com'; 'Charles_Moran@eogresources.com';
'Lauren_Burckle@oxy.com'; 'luke.mildren@blackmtn.com';
'NWeeks@matadorresources.com'
Subject: Re: Queen 23/24 WIU
Attachments: 20170404154231337.pdf

To all , attached for your further handling is revised Page 5 of the proposed JOA dated December 15 , 2016 . The surface and bottom hole locations for the initial well has been revised due to the surface owner's request regarding the surface location . Please substitute this page for the one currently in your possession .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [<mailto:phaden@mewbourne.com>]
Sent: Tuesday, April 04, 2017 2:43 PM
To: Paul Haden
Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 04.04.2017 15:42:31 (-0400)

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

March 31, 2017

Nadel and Gussman Permian, LLC
Crown Oil Partners V, LP,
Black Crown Energy Partners, LP,
Oak Valley Mineral & Land, LP
Crump Energy Partners
P.O. Box 50820
Midland, TX 79710

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24, T24S, R28E
Eddy County, New Mexico

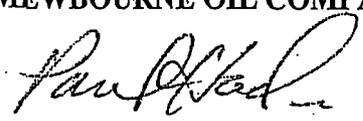
Gentlemen:

Regarding the captioned Working Interest Unit, to date we have not received the signed AFEs from you for the proposed initial wells, nor have we received the executed signature and acknowledgement pages of the proposed Operating Agreement dated December 15, 2016 and the executed Operating Agreement Recording Memorandum. Please have same executed and returned to me at your earliest convenience.

Regarding the above, please be advised that Mewbourne Oil Company ("Mewbourne") will be filing an Application For Compulsory Pooling in the near future in order for Mewbourne to be able to drill the proposed wells in a timely manner.

Sincerely yours,

MEWBOURNE OIL COMPANY


D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

March 29, 2017

Paleozoic Petroleum, LLC
P.O. Box 50820
Midland, Texas 79710
Attn: Mr. Caleb Hopson

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24, T24S, R28E
Eddy County, New Mexico

Dear Caleb:

We acknowledge receiving Paleozoic's separate signed AFEs for the initial wells to be drilled in the captioned proposed Working Interest Unit. To date we have not received the executed signature and acknowledgement pages of the proposed Operating Agreement dated December 15, 2016 and the executed Operating Agreement Recording Memorandum. Please have same executed and returned to me at your earliest convenience.

Regarding the above, please be advised that Mewbourne Oil Company ("Mewbourne") will be filing an Application For Compulsory Pooling in the near future in order for Mewbourne to be able to drill the proposed wells in a timely manner.

Sincerely yours,

MEWBOURNE OIL COMPANY


D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

January 4, 2017

Nadel & Gussman Permian, LLC, et al
P.O. Box 50820
Midland, TX 79710
Attn: Mr. Caleb Hopson

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Dear Caleb:

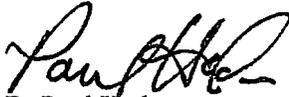
Regarding the captioned proposed Working Interest Unit (WIU), enclosed for your further handling are the following regarding the interests of Nadel & Gussman, Paleozoic Petroleum, LLC, Crown Oil Partners V, LP, Black Crown Energy Partners, LP, Oak Valley Mineral & Land, LP and Crump Energy Partners, II:

- 1) Proposed form of Operating Agreement dated December 15, 2016.
- 2) Signature pages of the JOA and GBA.
- 3) Recording Supplement to Operating Agreement.

In reference to the above, please have the enclosed signature pages of the Operating Agreement and Gas Balancing Agreement executed and returned to me at your earliest convenience as well as the executed Recording Supplement.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak



Date: November 30, 2016

Simple Certified:

The following is in response to your November 30, 2016 request for delivery information on your Certified Mail™/RRE item number 9414810699945019310601. The delivery record shows that this item was delivered on November 30, 2016 at 10:12 am in MIDLAND, TX 79705. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink, appearing to be "S. J. Crump".

Address of Recipient :

A handwritten address in black ink, appearing to be "50820".

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

Crump Energy Partners, II
PO BOX 50820
MIDLAND, TX 79710
Reference #: Queen 23/24 WIU PH



Date: November 30, 2016

Simple Certified:

The following is in response to your November 30, 2016 request for delivery information on your Certified Mail™/RRE item number 9414810699945019310571. The delivery record shows that this item was delivered on November 30, 2016 at 10:12 am in MIDLAND, TX 79705. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink, appearing to be "D. Permlan", written in a cursive style.

Address of Recipient :

A handwritten address in black ink, appearing to be "50820", written in a cursive style.

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

Nadel & Gussman Permlan
PO BOX 50820
MIDLAND, TX 79710
Reference #: Queen 23/24 WIU PH



Date: November 30, 2016

Simple Certified:

The following is in response to your November 30, 2016 request for delivery information on your Certified Mail™/RRE item number 9414810699945019310663. The delivery record shows that this item was delivered on November 30, 2016 at 10:12 am in MIDLAND, TX 79705. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink, appearing to be "D. J. [unclear]".

Address of Recipient :

A handwritten address in black ink, appearing to be "50820".

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

Oak Valley Mineral and Land, LP
PO Box 50820
Midland, TX 79710
Reference #: Queen 23/24 WIU PH



Date: November 30, 2016

Simple Certified:

The following is in response to your November 30, 2016 request for delivery information on your Certified Mail™/RRE item number 9414810699945019311516. The delivery record shows that this item was delivered on November 30, 2016 at 10:12 am in MIDLAND, TX 79705. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink, appearing to be "S. J. ...".

Address of Recipient :

A handwritten address in black ink, appearing to be "50820".

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

Black Crown Energy Partners, LP
PO BOX 50820
Midland, TX 79710
Reference #: Queen 23/24 WIU PH



Date: November 30, 2016

Simple Certified:

The following is in response to your November 30, 2016 request for delivery information on your Certified Mail™/RRE item number 9414810699945019311585. The delivery record shows that this item was delivered on November 30, 2016 at 10:12 am in MIDLAND, TX 79705. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink, appearing to be "S. J. ...".

Address of Recipient :

A handwritten address in black ink, appearing to be "50820".

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

Crown Oil Partners V, LP
PO BOX 50820
Midland, TX 79710
Reference #: Queen 23/24 WIU PH



Date: November 30, 2016

Simple Certified:

The following is in response to your November 30, 2016 request for delivery information on your Certified Mail™/RRE item number 9414810699945019311707. The delivery record shows that this item was delivered on November 30, 2016 at 10:12 am in MIDLAND, TX 79705. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink, appearing to be "S. A. 20".

Address of Recipient :

A handwritten address in black ink, appearing to be "50820".

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

Paleozolc Petroleum, LLC
PO BOX 50820
MIDLAND, TX 79710
Reference #: Queen 23/24 WIU PH

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

Via Certified Mail

November 29, 2016

Paleozoic Petroleum, LLC
P.O. Box 50820
Midland, TX 79710

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form the captioned Working Interest Unit (WIU) for Wolfcamp Oil and gas production containing 480 acres, more or less.

In reference to the above, public records indicate Paleozoic Petroleum, LLC ("Paleozoic") owns an undivided 1% WI in the NE/4SE/4 of the captioned Section 24 below 2,730 feet beneath the surface under Federal Lease NM – 110829. Accordingly, Paleozoic owns a 0.083330% unit WI in the proposed WIU.

Regarding the above, Mewbourne hereby proposes the following two wells which will be drilled back to back in the fall of 2017:

- 1) Mewbourne proposes to drill the Queen 23/24 W2OP Federal Com #2H Well at a surface location 650' FSL & 2455' FEL of the captioned Section 23 and drill same horizontally to a terminus point 330' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 10,794 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled therefrom horizontally from a westerly direction to an easterly direction in the middle Wolfcamp shale interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 17,874 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.
- 2) Mewbourne proposes to drill the Queen 23/24 W0OP Federal Com #1H Well at a surface location 710' FSL & 2455' FEL of the captioned Section 23 and drill same to a terminus point 450' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 9,745 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled horizontally from a westerly direction to an easterly direction in the Upper Wolfcamp Sand interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 16,886 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.

In reference to the above proposed wells, enclosed are separate AFE's for each well in the event your firm elects to participate in the proposed WIU and proposed wells. Should your firm elect to participate in the proposed wells, please have the enclosed AFEs signed and returned to me within thirty (30) days. Upon receipt of same I will forward you our Operating Agreement for execution.

In the event your firm elects not to participate in the proposed WIU, Mewbourne would be interested in acquiring a term assignment or farmout of Paleozoic's interest covering rights from below 2,730 feet beneath the surface to the base of the Wolfcamp formation in the above referenced lands.

Should you have any questions regarding the above, please call me at (432) 682-3715 or if by email, my email address is phaden@mewbourne.com . We are looking forward to working with your firm on this drilling project.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

Via Certified Mail

November 29, 2016

Crown Oil Partners V, LP
P.O. Box 50820
Midland, TX 79710

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form the captioned Working Interest Unit (WIU) for Wolfcamp Oil and gas production containing 480 acres, more or less.

In reference to the above, public records indicate Crown Oil Partners V, LP ("Crown Oil") owns an undivided 17.7742% WI in the NE/4SE/4 of the captioned Section 24 below 2,730 feet beneath the surface under Federal Lease NM - 110829. Accordingly, Crown Oil owns a 1.481180% unit WI in the proposed WIU.

Regarding the above, Mewbourne hereby proposes the following two wells which will be drilled back to back in the fall of 2017:

- 1) Mewbourne proposes to drill the Queen 23/24 W2OP Federal Com #2H Well at a surface location 650' FSL & 2455' FEL of the captioned Section 23 and drill some horizontally to a terminus point 330' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 10,794 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled therefrom horizontally from a westerly direction to an easterly direction in the middle Wolfcamp shale interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 17,874 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.
- 2) Mewbourne proposes to drill the Queen 23/24 W0OP Federal Com #1H Well at a surface location 710' FSL & 2455' FEL of the captioned Section 23 and drill same to a terminus point 450' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 9,745 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled horizontally from a westerly direction to an easterly direction in the Upper Wolfcamp Sand interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 16,886 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.

In reference to the above proposed wells, enclosed are separate AFE's for each well in the event your firm elects to participate in the proposed WIU and proposed wells. Should your firm elect to participate in the proposed wells, please have the enclosed AFEs signed and returned to me within thirty (30) days. Upon receipt of same I will forward you our Operating Agreement for execution.

In the event your firm elects not to participate in the proposed WIU, Mewbourne would be interested in acquiring a term assignment or farmout of Crown Oil's interest covering rights from below 2,730 feet beneath the surface to the base of the Wolfcamp formation in the above referenced lands.

Should you have any questions regarding the above, please call me at (432) 682-3715 or if by email, my email address is phaden@mewbourne.com . We are looking forward to working with your firm on this drilling project.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

Via Certified Mail

November 29, 2016

Black Crown Energy Partners, LP
P.O. Box 50820
Midland, TX 79710

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form the captioned Working Interest Unit (WIU) for Wolfcamp Oil and gas production containing 480 acres, more or less.

In reference to the above, public records indicate Black Crown Energy Partners, LP ("Black Crown") owns an undivided 15.7850% WI in the NE/4SE/4 of the captioned Section 24 below 2,730 feet beneath the surface under Federal Lease NM – 110829. Accordingly, Black Crown owns a 1.315420% unit WI in the proposed WIU.

Regarding the above, Mewbourne hereby proposes the following two wells which will be drilled back to back in the fall of 2017:

- 1) Mewbourne proposes to drill the Queen 23/24 W2OP Federal Com #2H Well at a surface location 650' FSL & 2455' FEL of the captioned Section 23 and drill same horizontally to a terminus point 330' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 10,794 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled therefrom horizontally from a westerly direction to an easterly direction in the middle Wolfcamp shale interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 17,874 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.
- 2) Mewbourne proposes to drill the Queen 23/24 W0OP Federal Com #1H Well at a surface location 710' FSL & 2455' FEL of the captioned Section 23 and drill same to a terminus point 450' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 9,745 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled horizontally from a westerly direction to an easterly direction in the Upper Wolfcamp Sand interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 16,886 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.

In reference to the above proposed wells, enclosed are separate AFE's for each well in the event your firm elects to participate in the proposed WIU and proposed wells. Should your firm elect to participate in the proposed wells, please have the enclosed AFEs signed and returned to me within thirty (30) days. Upon receipt of same I will forward you our Operating Agreement for execution.

In the event your firm elects not to participate in the proposed WIU, Mewbourne would be interested in acquiring a term assignment or farmout of Black Crown's interest covering rights from below 2,730 feet beneath the surface to the base of the Wolfcamp formation in the above referenced lands.

Should you have any questions regarding the above, please call me at (432) 682-3715 or if by email, my email address is phaden@mewbourne.com . We are looking forward to working with your firm on this drilling project.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

Via Certified Mail

November 29, 2016

Oak Valley Mineral & Land, LP
P.O. Box 50820
Midland, TX 79710

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form the captioned Working Interest Unit (WIU) for Wolfcamp Oil and gas production containing 480 acres, more or less.

In reference to the above, public records indicate Oak Valley Mineral & Land, LP ("Oak Valley") owns an undivided 3.125% WI in the NE/4SE/4 of the captioned Section 24 below 2,730 feet beneath the surface under Federal Lease NM - 110829. Accordingly, Oak Valley owns a 0.260420% unit WI in the proposed WIU.

Regarding the above, Mewbourne hereby proposes the following two wells which will be drilled back to back in the fall of 2017:

- 1) Mewbourne proposes to drill the Queen 23/24 W2OP Federal Com #2H Well at a surface location 650' FSL & 2455' FEL of the captioned Section 23 and drill same horizontally to a terminus point 330' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 10,794 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled therefrom horizontally from a westerly direction to an easterly direction in the middle Wolfcamp shale interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 17,874 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.
- 2) Mewbourne proposes to drill the Queen 23/24 W0OP Federal Com #1H Well at a surface location 710' FSL & 2455' FEL of the captioned Section 23 and drill same to a terminus point 450' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 9,745 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled horizontally from a westerly direction to an easterly direction in the Upper Wolfcamp Sand interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 16,886 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.

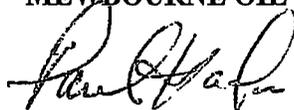
In reference to the above proposed wells, enclosed are separate AFE's for each well in the event your firm elects to participate in the proposed WIU and proposed wells. Should your firm elect to participate in the proposed wells, please have the enclosed AFEs signed and returned to me within thirty (30) days. Upon receipt of same I will forward you our Operating Agreement for execution.

In the event your firm elects not to participate in the proposed WIU, Mewbourne would be interested in acquiring a term assignment or farmout of Oak Valley's interest covering rights from below 2,730 feet beneath the surface to the base of the Wolfcamp formation in the above referenced lands.

Should you have any questions regarding the above, please call me at (432) 682-3715 or if by email, my email address is phaden@mewbourne.com . We are looking forward to working with your firm on this drilling project.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

Via Certified Mail

November 29, 2016

Crump Energy Partners, II
P.O. Box 50820
Midland, TX 79710

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form the captioned Working Interest Unit (WIU) for Wolfcamp Oil and gas production containing 480 acres, more or less.

In reference to the above, public records indicate Crump Energy Partners, II ("Crump Energy") owns an undivided 17.7742% WI in the NE/4SE/4 of the captioned Section 24 below 2,730 feet beneath the surface under Federal Lease NM – 110829. Accordingly, Crump Energy owns a 1.481180% unit WI in the proposed WIU.

Regarding the above, Mewbourne hereby proposes the following two wells which will be drilled back to back in the fall of 2017:

- 1) Mewbourne proposes to drill the Queen 23/24 W2OP Federal Com #2H Well at a surface location 650' FSL & 2455' FEL of the captioned Section 23 and drill some horizontally to a terminus point 330' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 10,794 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled therefrom horizontally from a westerly direction to an easterly direction in the middle Wolfcamp shale interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 17,874 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.
- 2) Mewbourne proposes to drill the Queen 23/24 W0OP Federal Com #1H Well at a surface location 710' FSL & 2455' FEL of the captioned Section 23 and drill same to a terminus point 450' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 9,745 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled horizontally from a westerly direction to an easterly direction in the Upper Wolfcamp Sand interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 16,886 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.

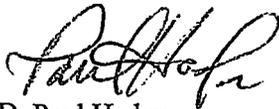
In reference to the above proposed wells, enclosed are separate AFE's for each well in the event your firm elects to participate in the proposed WIU and proposed wells. Should your firm elect to participate in the proposed wells, please have the enclosed AFEs signed and returned to me within thirty (30) days. Upon receipt of same I will forward you our Operating Agreement for execution.

In the event your firm elects not to participate in the proposed WIU, Mewbourne would be interested in acquiring a term assignment or farmout of Crump Energy's interest below 2,730 feet beneath the surface to the base of the Wolfcamp formation in the above referenced lands.

Should you have any questions regarding the above, please call me at (432) 682-3715 or if by email, my email address is phaden@mewbourne.com . We are looking forward to working with your firm on this drilling project.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

MIEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

Via Certified Mail

November 29, 2016

Nadel & Gussman Permian
P.O. Box 50820
Midland, TX 79701

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form the captioned Working Interest Unit (WIU) for Wolfcamp Oil and gas production containing 480 acres, more or less.

In reference to the above, public records indicate Nadel & Gussman Permian ("Nadel & Gussman") owns an undivided 19.1414% WI in the NE/4SE/4 of the captioned Section 24 below 2,730 feet beneath the surface under Federal Lease NM – 110829. Accordingly, Nadel & Gussman owns a 1.59512% unit WI in the proposed WIU.

Regarding the above, Mewbourne hereby proposes the following two wells which will be drilled back to back in the fall of 2017:

- 1) Mewbourne proposes to drill the Queen 23/24 W2OP Federal Com #2H Well at a surface location 650' FSL & 2455' FEL of the captioned Section 23 and drill some horizontally to a terminus point 330' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 10,794 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled therefrom horizontally from a westerly direction to an easterly direction in the middle Wolfcamp shale interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 17,874 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.
- 2) Mewbourne proposes to drill the Queen 23/24 W0OP Federal Com #1H Well at a surface location 710' FSL & 2455' FEL of the captioned Section 23 and drill same to a terminus point 450' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 9,745 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled horizontally from a westerly direction to an easterly direction in the Upper Wolfcamp Sand interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 16,886 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.

In reference to the above proposed wells, enclosed are separate AFE's for each well in the event your firm elects to participate in the proposed WIU and proposed wells. Should your firm elect to participate in the proposed wells, please have the enclosed AFEs signed and returned to me within thirty (30) days. Upon receipt of same I will forward you our Operating Agreement for execution.

In the event your firm elects not to participate in the proposed WIU, Mewbourne would be interested in acquiring a term assignment or farmout of Nadel & Gussman's interest covering rights from below 2,730 feet beneath the surface to the base of the Wolfcamp formation in the above referenced lands.

Should you have any questions regarding the above, please call me at (432) 682-3715 or if by email, my email address is phaden@mewbourne.com . We are looking forward to working with your firm on this drilling project.

Sincerely yours,

MEWBOURNE OIL COMPANY

A handwritten signature in black ink, appearing to read "D. Paul Haden", written over a horizontal line.

D. Paul Haden
Senior Landman
DPH/ak

Paul Haden

From: Paul Haden
Sent: Tuesday, May 02, 2017 10:12 AM
To: BCason@concho.com; NWeeks@matadorresources.com; sdhardin@sbcglobal.net; Lauren_Burckle@oxy.com; Charles_Moran@eogresources.com
Subject: Re: Queen "23/24" WIU
Attachments: 20170502104804661.pdf

To all , attached for your further handling are revised pages to the JOA dated December 15 , 2017 for the captioned WIU . These revisions include the following :

- 1) Exhibit "A" - The contact information for COG , MRC Permian and TBO Oil & Gas was revised on Page 1 .
- 2) Exhibit "C" - The date of the JOA was inserted in the heading on Page 1 .
- 3) Exhibit "D" - The date of the JOA was inserted in the heading on Page 1 .
- 4) Exhibit "F" - The date of the JOA was inserted in the heading .
- 5) Exhibit "H" - The date of the JOA was inserted in the heading on Page 1 .
- 6) Exhibit "H" - Exhibit "A" was included .

As to the Recording Supplement , Exhibit "A" was included .

In reference to the above , please substitute the attached pages for the ones currently in your possession .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [<mailto:phaden@mewbourne.com>]
Sent: Tuesday, May 02, 2017 9:48 AM
To: Paul Haden
Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 05.02.2017 10:48:04 (-0400)

Paul Haden

From: Paul Haden
Sent: Wednesday, April 19, 2017 3:43 PM
To: 'BCason@concho.com'; 'NWeeks@matadorresources.com'; 'Lauren_Burckle@oxy.com'; 'bsouth@chevron.com'; 'chopson@bcoperating.com'
Cc: 'RBuress@concho.com'
Subject: FW: Message from "Ricoh-MP-C6003-MID-2"
Attachments: 20170419152630615.pdf

To all , attached for your further handling are some revised pages to the JOA dated Dec 15 , 2016 . In the Table of Contents , Option 2 was struck in Article VI. G per Matador's request . On Page 10 on line 3 , \$50,000 was deleted and \$75,000 was inserted in its place . In Article VI. A , I revised the initial location slightly per the surface owner's request due to some surface issues . The description for the proposed interval to be tested was revised to more adequately describe the interval within the Wolfcamp formation to be tested per COG's request . On Page 13 on line 1 , fifteen (15) was revised to thirty (30) per Matador's request . In Article XVI. C. , December 15, 2016 was inserted in the blank on line 13 . In Article XVI. D., the exclusion language is revised to state that the Agreement specifically excluded the well as described therein per COG's request . In Article E. , the phrase "Save and except in this Agreement , " was inserted at the beginning of the sentence per Matador's request . In Article XVI. , paragraphs H , I and J were added per Matador's request . In Exhibit "A" , Paragraph 2 as to depth restrictions , the Wolfcamp formation was more adequately described and COG's contact information was revised per COG's request . In Exhibit "A" , Paragraph 6 as to Burdens On Production , I inserted "as of the date of this Agreement . " Once the Drilling Title Opinion is rendered , the burdens of record can be added to this paragraph .

In Exhibit "B" , I added the phrase "And There Are No Parties Participating In The Contract Area With Unleased Minerals " . In Exhibit C. (Copas) on Page 9 , under Article III. ,1. A. (ii) , Alternative 3 was checked in lieu of Alternative 2 per Matador's request . In Exhibit "D" . paragraph 9 was added per Matador's request . In Exhibit "E" under Definitions in paragraph 1.02 , the third box was deleted and the language inserted in the blanks was deleted per Matador's request . In Exhibit "E" , Gas Balancing Agreement , paragraph 12.9 on Page 5 , the second box was checked per Matador's request .

In reference to the above , please insert the attached revised pages for the ones currently in your possession if your firm is agreeable to the proposed revisions . Let me know if you have any questions or concerns regarding the above . Please have the signature and acknowledgment pages that are currently in your possession executed and returned to me with the executed Recording Memorandum for the Operating Agreement .

Thanks for your cooperation in connection with the above .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

Paul Haden

From: Paul Haden
Sent: Tuesday, April 04, 2017 3:02 PM
To: 'rbuess@concho.com'; 'MMcAuliffe@concho.com'; 'brsouth@chevron.com';
'chopson@bcoperating.com'; 'Charles_Moran@eogresources.com';
'Lauren_Burckle@oxy.com'; 'luke.mildren@blackmtn.com';
'NWeeks@matadorresources.com'
Subject: Re: Queen 23/24 WIU
Attachments: 20170404154231337.pdf

To all , attached for your further handling is revised Page 5 of the proposed JOA dated December 15 , 2016 . The surface and bottom hole locations for the initial well has been revised due to the surface owner's request regarding the surface location . Please substitute this page for the one currently in your possession .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [<mailto:phaden@mewbourne.com>]
Sent: Tuesday, April 04, 2017 2:43 PM
To: Paul Haden
Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 04.04.2017 15:42:31 (-0400)

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

March 31, 2017

Black Mountain Operating, LLC
500 Main Street, Suite 1200
Fort Worth, Texas 76102
Attn: Mr. Luke Mildren

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24, T24S, R28E
Eddy County, New Mexico

Gentlemen:

Regarding the captioned Working Interest Unit, to date we have not received the signed AFEs from you for the proposed initial wells, nor have we received the executed signature and acknowledgement pages of the proposed Operating Agreement dated December 15, 2016 and the executed Operating Agreement Recording Memorandum. Please have same executed and returned to me at your earliest convenience.

Regarding the above, please be advised that Mewbourne Oil Company ("Mewbourne") will be filing an Application For Compulsory Pooling in the near future in order for Mewbourne to be able to drill the proposed wells in a timely manner.

Sincerely yours,

MEWBOURNE OIL COMPANY


D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

January 4, 2017

Black Mountain Operating, LLC
500 Main Street, Suite 1200
Fort Worth, TX 76102
Attn: Mr. Luke Mildren

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Regarding the captioned proposed Working Interest Unit (WIU), enclosed for your further handling are the following:

- 1) Proposed form of Operating Agreement dated December 15, 2016.
- 2) Signature pages of the JOA and GBA.
- 3) Recording Supplement to Operating Agreement.

In reference to the above, please have the enclosed signature pages of the Operating Agreement and Gas Balancing Agreement executed and returned to me at your earliest convenience as well as the executed Recording Supplement.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak



Date: November 30, 2016

Simple Certified:

The following is in response to your November 30, 2016 request for delivery information on your Certified Mail™/RRE item number 9414810699945019282458. The delivery record shows that this item was delivered on November 30, 2016 at 2:33 pm in FORT WORTH, TX 76102. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink, appearing to be "L. Mildren", enclosed within a hand-drawn oval border.

Address of Recipient :

A handwritten address in black ink, appearing to be "500 Main", written in a cursive style.

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

Luke Mildren
Black Mountain Operating, LLC
500 MAIN ST STE 1200
FORT WORTH, TX 76102
Reference #: Queen 23/24 WIU PH

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

Via Certified Mail

November 28, 2016

Black Mountain Operating, LLC
500 Main Street, Suite 1200
Fort Worth, TX 76102
Attn: Mr. Luke Mildren

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form the captioned Working Interest Unit (WIU) for Wolfcamp Oil and gas production containing 480 acres, more or less.

In reference to the above, public records indicate Black Mountain Operating, LLC ("Black Mountain") owns an undivided 18.5625% WI in Federal Lease NM 110829 in the NE/4SE/4 of the captioned Section 24 as to all depths. Accordingly, Black Mountain owns a 1.546880% unit WI in the proposed WIU.

Regarding the above, Mewbourne hereby proposes the following two wells which will be drilled back to back in the fall of 2017:

- 1) Mewbourne proposes to drill the Queen 23/24 W2OP Federal Com #2H Well at a surface location 650' FSL & 2455' FEL of the captioned Section 23 and drill same horizontally to a terminus point 330' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 10,794 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled therefrom horizontally from a westerly direction to an easterly direction in the middle Wolfcamp shale interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 17,874 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.
- 2) Mewbourne proposes to drill the Queen 23/24 W0OP Federal Com #1H Well at a surface location 710' FSL & 2455' FEL of the captioned Section 23 and drill same to a terminus point 450' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 9,745 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled horizontally from a westerly direction to an easterly direction in the Upper Wolfcamp Sand interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 16,886 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.

In reference to the above proposed wells, enclosed are separate AFE's for each well in the event your firm elects to participate in the proposed WIU and proposed wells. Should your firm elect to participate in the proposed wells, please have the enclosed AFEs signed and returned to me within thirty (30) days. Upon receipt of same I will forward you our Operating Agreement for execution.

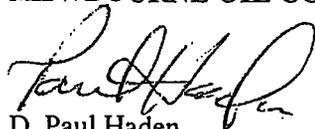
In the event your firm elects not to participate in the proposed WIU, Mewbourne would be interested in acquiring a term assignment or farmout of Black Mountain's interest covering rights from the surface to the base of the Wolfcamp formation in the above referenced lands.

THIS WELL PROPOSAL IS IN COMPLETE SUBSTITUTION FOR THAT CERTAIN PROPOSAL LETTER DATED NOVEMBER 18, 2016 (SEE COPY ENCLOSED).

Should you have any questions regarding the above, please call me at (432) 682-3715 or if by email, my email address is phaden@mewbourne.com . We are looking forward to working with your firm on this drilling project.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

Via Certified Mail

November 18, 2016

Black Mountain Operating, LLC
500 Main Street, Suite 1200
Fort Worth, TX 76102
Attn: Mr. Luke Mildren

Re: Queen "23/24" WIU
S/2 of Sections 23 and 24
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form the captioned Working Interest Unit (WIU) for Wolfcamp Oil and gas production containing 640 acres, more or less.

In reference to the above, public records indicate Black Mountain Operating, LLC ("Black Mountain") owns an undivided 100% WI in the SW/4SW/4 of the captioned Section 23 and a 34.35% WI in Federal Lease NM 110829 in the NE/4SE/4 of the captioned Section 24 as to all depths. Accordingly, Black Mountain owns an 8.39688% unit WI in the proposed WIU.

Regarding the above, Mewbourne hereby proposes the following two wells which will be drilled back to back in the fall of 2017:

- 1) Mewbourne proposes to drill the Queen 23/24 W2OP Federal Com #2H Well at a surface location 650' FSL & 2455' FEL of the captioned Section 23 and drill some horizontally to a terminus point 330' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 10,794 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled therefrom horizontally from a westerly direction to an easterly direction in the middle Wolfcamp shale interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 17,874 feet to the above referenced bottom hole location. The S/2 of Section 23 and 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.
- 2) Mewbourne proposes to drill the Queen 23/24 W0OP Federal Com #1H Well at a surface location 710' FSL & 2455' FEL of the captioned Section 23 and drill same to a terminus point 450' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 9,745 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled horizontally from a westerly direction to an easterly direction in the Upper Wolfcamp Sand interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 16,886 feet to the above referenced bottom hole location. The S/2 of Section 23 and 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.

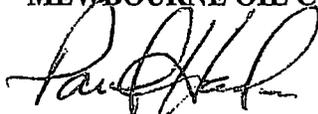
In reference to the above proposed wells, enclosed are separate AFE's for each well in the event your firm elects to participate in the proposed WIU and proposed wells. Should your firm elect to participate in the proposed wells, please have the enclosed AFEs signed and returned to me within thirty (30) days. Upon receipt of same I will forward you our Operating Agreement for execution.

In the event your firm elects not to participate in the proposed WIU, Mewbourne would be interested in acquiring a term assignment or farmout of Black Mountain's interest covering rights from the surface to the base of the Wolfcamp formation in the above referenced lands.

Should you have any questions regarding the above, please call me at (432) 682-3715 or if by email, my email address is phaden@mewbourne.com . We are looking forward to working with your firm on this drilling project.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

Paul Haden

From: Paul Haden
Sent: Friday, May 19, 2017 3:58 PM
To: Lauren_Burckle@oxy.com
Cc: Corey Mitchell; Mitchell Robb
Subject: Re: Queen "23/24" WIU
Attachments: 20170519153023729.pdf

Lauren , see attached revised pages . In Article XVI. , paragraph C , I added a second sentence to that paragraph , since there is an Operating Agreement dated October 1, 2010 which covers some of our lands and other lands which created contractual interests . Oxy was a party to that JOA . Exhibit "A" has been revised to exclude Nadel and Gussman Permian , LLC , Black Mountain Operating , LLC , Crump Energy Partners II , LLC , Crown Oil Partners V , LP ,Black Crown Energy Partners , LP and Oak Valley Mineral & Land , LP as these interests were acquired by Marathon Oil Company in a recent acquisition and accordingly I added them to the Exhibit with their percentage interest . Also I added some contact information for notice purposes .

Regarding your email dated May 4, 2017 you requested several revisions . Page 3 , Article IV.A , line 15 we are not agreeable to removing the strike as we do have 2 in house attorneys being Allen G. Harvey and Natalie M. Stevens who render some of our Drilling and DOTOs . This provision is in the JOA for the Mirage "30" WIU in Sec 30 , T19S , R29E whereby Oxy has a 50% WI . In Article VII. F. we are not agreeable to striking the Pref Right provision as we and the other owners want it in . On Page 18 you requested us to strike Article XVI. E . In lieu of striking it , we will do a side letter with Oxy which will excuse Oxy and/or their affiliates from this provision . In Exhibit "a" I included the contact information you requested .

Gas Balancing Agreement :

- 1) We agree to check the box for paragraph 1.16 and to insert the months of November , December , January and February . As a result ,paragraph 4.2, Option 1 box has been checked and we inserted "eight (8) " months . This is in line with other discussions with Oxy such that an overproduced party is protected from another party attempting to have their makeup exclusively during the winter period .
- 2) Since we previously struck the paragraph that we inserted in paragraph 1.02 , the language in paragraph 3.1 was struck and revised in Article 14 .
- 3) We do not agree to checking the box for paragraph 4.3 . This provision creates more problems than it solves if all parties do not agree on the URR. If the parties keep up with and stay within a reasonable imbalance , then this provision is unnecessary .
- 4) We've inserted the notations after the deleted paragraphs 5.1 and 5.2
- 5) We do not agree to checking the box for paragraph 7.4 , Alternative 2 . MOC's accounting procedures are set up to settle on an "historical sales basis " .
- 6) We do not agree to checking the box for paragraph 7.5.1 . The gas may not always be sold under a POP contract . However, paragraph 7.5.2 , Option 2 , requires the gas value for cash settlement for processed gas to include both the residue gas revenue and the liquids revenue .
- 7) We do not agree to checking Option 7.10 . Interim cash balancing is not necessary if the parties monitor their monthly gas imbalance . As Operator , Mewbourne closely monitors the monthly gas flow for all the parties in a well . In fact , if all parties agree for Mewbourne to market all the gas production from the well , there should not be a gas imbalance . However , if Oxy insists on taking their gas in-kind and is unsatisfied they are within an acceptable level of imbalance at any point in time (it will never be an exact imbalance if Oxy is taking their gas in-kind) , Oxy already would have the ability in the GBA to request makeup and Oxy will receive a volume of gas each month above their entitlement

to reduce, eliminate any gas imbalance . It is not necessary for Oxy to have to wait until the conditions of Section 13.2 of the GBA for Oxy to capture value for any imbalance .

8) We've checked the second box in paragraph 12.9 as it was an omission typo .

9) in Paragraph 13.2 we deleted the word "and" immediately preceding the crossed out portion of the fourth sentence . Otherwise , the sentence is incomplete .

Please substitute the respective revised pages with the ones currently in your possession and advise me asap if Oxy is agreeable to the above .

Let me know if you have any further questions or concerns . Thanks Lauren .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [<mailto:phaden@mewbourne.com>]

Sent: Friday, May 19, 2017 2:30 PM

To: Paul Haden

Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 05.19.2017 15:30:23 (-0400)

Paul Haden

From: Paul Haden
Sent: Friday, May 05, 2017 1:41 PM
To: 'Lauren_Burckle@oxy.com'
Subject: RE: Queen "23/24" WIU

Hi Lauren . We'll review your requested changes and get back to you . FYI , the upcoming Pooling Hearing has been continued to May 25th .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Lauren_Burckle@oxy.com [mailto:Lauren_Burckle@oxy.com]
Sent: Thursday, May 04, 2017 5:01 PM
To: Paul Haden
Subject: RE: Queen "23/24" WIU

Hi Paul,

Thank you for sending the updates.

Oxy would like to propose the following changes to the JOA and exhibits.

JOA:

- Page 3, Article IV.A, line 15- remove the strike
- Article VII. F. Line 35: Preferential Right to Purchase- strike pref right here and on the table of contents
- Page 18, Article XVI. E- strike paragraph

Exhibit A:

Please update Oxy's address to be:
Attention: Permian Land Manager
5 Greenway Plaza
Suite 110
Houston, Texas 77046

Gas Balancing Agreement:

- 1.16-: define winter to be November, December, January and February
- 4.3: Check with 100%
- 7.4: Check option 2

-7.5.1: Check option

7.10: we would like this option to be available

Please let me know if the changes can be accommodated.

Thank you,
Lauren

-----Original Message-----

From: Paul Haden [<mailto:phaden@Mewbourne.com>]

Sent: Tuesday, May 02, 2017 10:12 AM

To: BCason@concho.com; NWeeks@matadorresources.com; sdhardin@sbcglobal.net; Burckle, Lauren A
<Lauren_Burckle@oxy.com>; [Charles Moran@eogresources.com](mailto:Charles_Moran@eogresources.com)

Subject: [EXTERNAL] Re: Queen "23/24" WIU

To all , attached for your further handling are revised pages to the JOA dated December 15 , 2017 for the captioned WIU . These revisions include the following :

- 1) Exhibit "A" - The contact information for COG , MRC Permian and TBO Oil & Gas was revised on Page 1 .
- 2) Exhibit "C" - The date of the JOA was inserted in the heading on Page 1 .
- 3) Exhibit "D" - The date of the JOA was inserted in the heading on Page 1 .
- 4) Exhibit "F" - The date of the JOA was inserted in the heading .
- 5) Exhibit "H" - The date of the JOA was inserted in the heading on Page 1 .
- 6) Exhibit "H" - Exhibit "A" was included .

As to the Recording Supplement , Exhibit "A" was included .

In reference to the above , please substitute the attached pages for the ones currently in your possession .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [<mailto:phaden@mewbourne.com>]

Sent: Tuesday, May 02, 2017 9:48 AM

To: Paul Haden

Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 05.02.2017 10:48:04 (-0400)

Paul Haden

From: Paul Haden
Sent: Tuesday, May 02, 2017 10:12 AM
To: BCason@concho.com; NWeeks@matadorresources.com; sdhardin@sbcglobal.net; Lauren_Burckle@oxy.com; Charles_Moran@eogresources.com
Subject: Re: Queen "23/24" WIU
Attachments: 20170502104804661.pdf

To all , attached for your further handling are revised pages to the JOA dated December 15 , 2017 for the captioned WIU . These revisions include the following :

- 1) Exhibit "A" - The contact information for COG , MRC Permian and TBO Oil & Gas was revised on Page 1 .
- 2) Exhibit "C" - The date of the JOA was inserted in the heading on Page 1 .
- 3) Exhibit "D" - The date of the JOA was inserted in the heading on Page 1 .
- 4) Exhibit "F" - The date of the JOA was inserted in the heading .
- 5) Exhibit "H" - The date of the JOA was inserted in the heading on Page 1 .
- 6) Exhibit "H" - Exhibit "A" was included .

As to the Recording Supplement , Exhibit "A" was included .

In reference to the above , please substitute the attached pages for the ones currently in your possession .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [<mailto:phaden@mewbourne.com>]
Sent: Tuesday, May 02, 2017 9:48 AM
To: Paul Haden
Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 05.02.2017 10:48:04 (-0400)

Paul Haden

From: Paul Haden
Sent: Tuesday, April 04, 2017 3:02 PM
To: 'rbuess@concho.com'; 'MMcAuliffe@concho.com'; 'brsouth@chevron.com';
'chopson@bcoperating.com'; 'Charles_Moran@eogresources.com';
'Lauren_Burckle@oxy.com'; 'luke.mildren@blackmtn.com';
'NWeeks@matadorresources.com'
Subject: Re: Queen 23/24 WIU
Attachments: 20170404154231337.pdf

To all , attached for your further handling is revised Page 5 of the proposed JOA dated December 15 , 2016 . The surface and bottom hole locations for the initial well has been revised due to the surface owner's request regarding the surface location . Please substitute this page for the one currently in your possession .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [<mailto:phaden@mewbourne.com>]
Sent: Tuesday, April 04, 2017 2:43 PM
To: Paul Haden
Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 04.04.2017 15:42:31 (-0400)

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

March 29, 2017

OXY USA Inc.
P.O. BOX 4294
Houston, Texas 77210
Attn: Lauren Burckle

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24, T24S, R28E
Eddy County, New Mexico

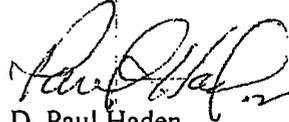
Dear Lauren:

We acknowledge receiving the separate signed AFEs for the initial wells to be drilled in the captioned proposed Working Interest Unit. To date we have not received the executed signature and acknowledgement pages of the proposed Operating Agreement dated December 15, 2016 and the executed Operating Agreement Recording Memorandum. Please have same executed and returned to me at your earliest convenience.

Regarding the above, please be advised that Mewbourne Oil Company ("Mewbourne") will be filing an Application For Compulsory Pooling in the near future in order for Mewbourne to be able to drill the proposed wells in a timely manner.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

Paul Haden

From: Paul Haden
Sent: Tuesday, February 14, 2017 3:44 PM
To: 'Courtney_Carr@oxy.com'
Subject: RE: NRI in Queen 23/24 W2OP Federal Com #2H

Courtney , no I can't as title has not been examined yet , currently in progress supposedly . However , Oxy has a 30% WI and 81.25% NRI in Fed Lse NM 107373 as to all depths in the NW/4SE/4 and S/2SE/4 of Section 24 , according to our records . So , Oxy will have a greater than a 75% NRI as to its interest in each proposed proration unit . Sorry I can't be of more help to you right now .

Paul Haden

Land Department

 **Mewbourne Oil Company**

500 West Texas Ave., Suite 1020

Midland, TX 79701-4279

Office Phone: 432-682-3715

Fax: 432-685-4170

Cell: 432-557-2521

From: [Courtney Carr@oxy.com](mailto:Courtney_Carr@oxy.com) [[mailto:Courtney Carr@oxy.com](mailto:Courtney_Carr@oxy.com)]
Sent: Tuesday, February 14, 2017 3:31 PM
To: Paul Haden
Subject: NRI in Queen 23/24 W2OP Federal Com #2H

Can you confirm OXY's NRI in the subject well?

Thanks,

Courtney Carr
Land Negotiator
OXY USA Inc.
5 Greenway Plaza, Suite 110 | Houston, TX 77046
Office: (713) 599-4116
Cell: (281) 840-2259
E-Mail: courtney_carr@oxy.com

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

January 4, 2017

OXY USA, Inc.
P.O. Box 4294
Houston, Texas 77210
Attn: Lauren Burckle

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Ladies and Gentlemen:

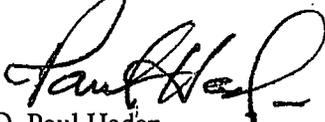
Regarding the captioned proposed Working Interest Unit (WIU), enclosed for your further handling are the following:

- 1) Proposed form of Operating Agreement dated December 15, 2016.
- 2) Signature pages of the JOA and GBA.
- 3) Recording Supplement to Operating Agreement.

In reference to the above, please have the enclosed signature pages of the Operating Agreement and Gas Balancing Agreement executed and returned to me at your earliest convenience as well as the executed Recording Supplement.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

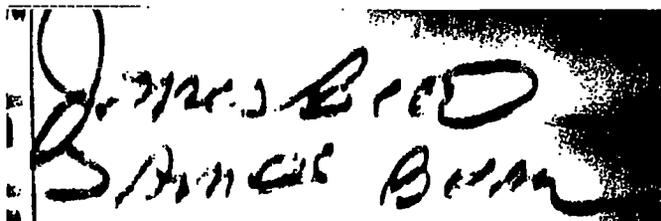


Date: December 14, 2016

Simple Certified:

The following is in response to your December 14, 2016 request for delivery information on your Certified Mail™/RRE item number 9414810699945019162989. The delivery record shows that this item was delivered on December 14, 2016 at 4:32 am in HOUSTON, TX 77210. The scanned image of the recipient information is provided below.

Signature of Recipient :

A scanned image of a handwritten signature in black ink. The signature appears to be "James Bean" written twice, once above the other. The background is dark and grainy.

Address of Recipient :

A scanned image of a recipient address that has been completely redacted with a thick black horizontal bar.

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

David Steele
OXY USA Inc.
PO BOX 4294
HOUSTON, TX 77210
Reference #: Queen 23/24 WIU PH

Paul Haden

From: Paul Haden
Sent: Wednesday, December 28, 2016 9:06 AM
To: Travis Cude
Subject: RE: Mewbourne Queen 23/24H

Thanks Travis , that ought to help . I did send Oxy both well proposals .

Paul Haden

Land Department



Mewbourne Oil Company

500 West Texas Ave., Suite 1020

Midland, TX 79701-4279

Office Phone: 432-682-3715

Fax: 432-685-4170

Cell: 432-557-2521

From: Travis Cude
Sent: Wednesday, December 21, 2016 4:58 PM
To: Sarah_Izzat@oxy.com
Cc: Nathan Cless; Paul Haden
Subject: RE: Mewbourne Queen 23/24H

Hi Sarah!

Did you happen to receive two proposals? We are planning to drill both a Wolfcamp Y Sand(WOOP) and a Wolfcamp D Shale(W2OP) back to back with our walking rig.

The first well, currently planned for the WOOP, is planned to spud the middle of next summer (late July, early August). As for the completion, we'd hope to be able to start completing the wells late November after both wells are drilled.

Wolfcamp Sand:

37 stages plug and perf(12 clusters/stage), ~10 MMgals slickwater and 10 MM# (100 mesh, 40/70 white).
13' cluster spacing

Wolfcamp Shale:

43 stages plug and perf(12 clusters/stage), ~13 MMgals slickwater and 10.5 MM# (100 mesh, 40/70 white).
10' cluster spacing

Right now we are looking 1320' spacing in the Wolfcamp sand, and 880' spacing in the Wolfcamp D shale.

Let me know what else I can help with!

Travis Cude
Reservoir Engineer
Mewbourne Oil Company

500 W Texas Ave.
Midland, TX 79701

From: Sarah Izzat@oxy.com [mailto:Sarah_Izzat@oxy.com]
Sent: Wednesday, December 21, 2016 3:54 PM
To: Travis Cude
Cc: Nathan Cless
Subject: Mewbourne Queen 23/24H

Hello,

I received a ballot from Mewbourne for the Mewbourne Queen 23/24H, a new drill in T24S R28E, Eddy County, New Mexico.

I need the following information and was hoping you could help as Paul Haden (Land) gave me your contact info as the RE and geo.

- Spud Date
- Proposed Completion-

- total proppant,
- cluster spacing,
- # stages
- Total fluid

- Proposed spacing
- Target Formation
- COPAS- drilling or well
- Op Cost
- Overhead % on Capital

I am aiming to present this well to management very soon, so please get back with me as soon as you can, though I know it is tough with people out during the holidays.

Happy holidays!

Thank you in advance for your assistance.

Sarah Kassis Izzat
Senior Reservoir Engineer
Occidental Oil and Gas Corporation
Office 713.350.4615
Mobile 281.928.8026
Sarah_izzat@oxy.com

 please print responsibly

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Sarah Kassis Izzat
Senior Reservoir Engineer
Occidental Oil and Gas Corporation
Office 713.350.4615
Mobile 281.928.8026
Sarah_izzat@oxy.com

 please print responsibly

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Paul Haden

From: Paul Haden
Sent: Monday, December 12, 2016 4:27 PM
To: 'Sarah_Izzat@oxy.com'
Subject: RE: Queen "23/24" W2OP Federal Com #1H and #2H

Hi Sarah . The geologist for this project is Nate Cless , his email is ncless@mewbourne.com and the reservoir engineer for this project is Travis Cude , his email being tcude@mewbourne.com . You can reach both of them at (432) 682-3715 . Thanks for getting on this . Happy Holidays !

Paul Haden

Land Department

 **Mewbourne Oil Company**

500 West Texas Ave., Suite 1020

Midland, TX 79701-4279

Office Phone: 432-682-3715

Fax: 432-685-4170

Cell: 432-557-2521

From: Sarah_Izzat@oxy.com [mailto:Sarah_Izzat@oxy.com]

Sent: Monday, December 12, 2016 4:20 PM

To: Paul Haden

Subject: Queen "23/24" W2OP Federal Com #1H and #2H

Importance: High

Hello Mr. Haden,

I am evaluating Mewbourne's proposal for the Queen 23/24 W2OP Fed Com #1H and 2H, and was hoping that you could provide me with the contact information for the reservoir and completion engineers on the projects. I need a little bit information in order to flesh out my analysis.

I will need this information relatively quickly since the holidays are coming up which will likely delay things.

Thank you very much in advance!

Sarah Kassis Izzat

Senior Reservoir Engineer

Occidental Oil and Gas Corporation

Office 713.350.4615

Mobile 281.928.8026

Sarah_Izzat@oxy.com

 please print responsibly

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Date: December 1, 2016

Simple Certified:

The following is in response to your December 1, 2016 request for delivery information on your Certified Mail™/RRE item number 9414810699945019282601. The delivery record shows that this item was delivered on December 1, 2016 at 4:44 am in HOUSTON, TX 77210. The scanned image of the recipient information is provided below.

Signature of Recipient :

A high-contrast, black and white image of a handwritten signature, likely in cursive, which is difficult to decipher due to the quality of the scan.

Address of Recipient :

A rectangular area where the recipient's address has been redacted with a solid black box.

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

David Steele
OXY USA Inc.
PO BOX 4294
HOUSTON, TX 77210
Reference #: Queen 23/24 WIU PH

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

Via Certified Mail

November 28, 2016

OXY USA Inc.
P.O. Box 4294
Houston, Texas 77210
Attn: Mr. David Steele

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form the captioned Working Interest Unit (WIU) for Wolfcamp Oil and gas production containing 480 acres, more or less.

In reference to the above, public records indicate OXY USA Inc. ("OXY") owns an undivided 30% interest in the NW/4SE/4 and S/2SE/4 of the captioned Section 24. Accordingly, OXY owns a 7.5000% unit WI in the proposed WIU.

Regarding the above, Mewbourne hereby proposes the following two wells which will be drilled back to back in the fall of 2017:

- 1) Mewbourne proposes to drill the Queen 23/24 W2OP Federal Com #2H Well at a surface location 650' FSL & 2455' FEL of the captioned Section 23 and drill some horizontally to a terminus point 330' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 10,794 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled therefrom horizontally from a westerly direction to an easterly direction in the middle Wolfcamp shale interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 17,874 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.
- 2) Mewbourne proposes to drill the Queen 23/24 W0OP Federal Com #1H Well at a surface location 710' FSL & 2455' FEL of the captioned Section 23 and drill same to a terminus point 450' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 9,745 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled horizontally from a westerly direction to an easterly direction in the Upper Wolfcamp Sand interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 16,886 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.

In reference to the above proposed wells, enclosed are separate AFE's for each well in the event your firm elects to participate in the proposed WIU and proposed wells. Should your firm elect to participate in the proposed wells, please have the enclosed AFEs signed and returned to me within thirty (30) days. Upon receipt of same I will forward you our Operating Agreement for execution.

In the event your firm elects not to participate in the proposed WIU, Mewbourne would be interested in acquiring a term assignment or farmout OXY's interest covering rights from the surface to the base of the Wolfcamp formation in the above referenced lands.

THIS WELL PROPOSAL IS IN COMPLETE SUBSTITUTION FOR THAT CERTAIN PROPOSAL LETTER DATED NOVEMBER 18, 2016 (SEE COPY ENCLOSED).

Should you have any questions regarding the above, please call me at (432) 682-3715 or if by email, my email address is phaden@mewbourne.com . We are looking forward to working with your firm on this drilling project.

Sincerely yours,

MEWBOURNE OIL COMPANY


D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

Via Certified Mail

November 18, 2016

OXY USA Inc.
P.O. Box 4294
Houston, Texas 77210
Attn: Mr. David Steele

Re: Queen "23/24" WIU
S/2 of Sections 23 and 24
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form the captioned Working Interest Unit (WIU) for Wolfcamp Oil and gas production containing 640 acres, more or less.

In reference to the above, public records indicate OXY USA Inc. ("OXY") owns an undivided 3.125% WI in the NE/4SW/4 of the captioned Section 23 and an undivided 50% WI in the SE/4SW/4 of the captioned Section 23 and an undivided 30% interest in the NW/4SE/4 and S/2SE/4 of the captioned Section 24. Accordingly, OXY owns a 8.94531% unit WI in the proposed WIU.

Regarding the above, Mewbourne hereby proposes the following two wells which will be drilled back to back in the fall of 2017:

- 1) Mewbourne proposes to drill the Queen 23/24 W2OP Federal Com #2H Well at a surface location 650' FSL & 2455' FEL of the captioned Section 23 and drill same horizontally to a terminus point 330' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 10,794 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled therefrom horizontally from a westerly direction to an easterly direction in the middle Wolfcamp shale interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 17,874 feet to the above referenced bottom hole location. The S/2 of Section 23 and 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.
- 2) Mewbourne proposes to drill the Queen 23/24 W0OP Federal Com #1H Well at a surface location 710' FSL & 2455' FEL of the captioned Section 23 and drill same to a terminus point 450' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 9,745 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled horizontally from a westerly direction to an easterly direction in the Upper Wolfcamp Sand interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 16,886 feet to the above referenced bottom hole location. The S/2 of Section 23 and 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.

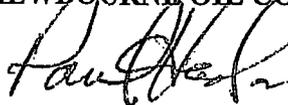
In reference to the above proposed wells, enclosed are separate AFE's for each well in the event your firm elects to participate in the proposed WIU and proposed wells. Should your firm elect to participate in the proposed wells, please have the enclosed AFEs signed and returned to me within thirty (30) days. Upon receipt of same I will forward you our Operating Agreement for execution.

In the event your firm elects not to participate in the proposed WIU, Mewbourne would be interested in acquiring a term assignment or farmout OXY's interest covering rights from the surface to the base of the Wolfcamp formation in the above referenced lands.

Should you have any questions regarding the above, please call me at (432) 682-3715 or if by email, my email address is phaden@mewbourne.com . We are looking forward to working with your firm on this drilling project.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

Paul Haden

From: Paul Haden
Sent: Wednesday, May 03, 2017 8:15 AM
To: 'Charles Moran'
Subject: RE: Quinico

Chuck , I'm pretty sure it is Chevron . The contact there is Brandon South . Ph # is (432) 687-7267 , email is brsouth@chevron.com . I think Quinoco went to Hallwood Petroleum and then to Chevron USA Inc .

Paul Haden

Land Department

Mewbourne Oil Company

500 West Texas Ave., Suite 1020

Midland, TX 79701-4279

Office Phone: 432-682-3715

Fax: 432-685-4170

Cell: 432-557-2521

From: Charles Moran [mailto:Charles_Moran@eogresources.com]

Sent: Tuesday, May 02, 2017 6:06 PM

To: Paul Haden

Subject: Quinico

Paul: Have you had any luck tracking them down. Could it be Chevron?

Chuck Moran

EOG Resources, Inc. - Midland Division

432-686-3684

Paul Haden

From: Paul Haden
Sent: Tuesday, May 02, 2017 10:12 AM
To: BCason@concho.com; NWeeks@matadorresources.com; sdhardin@sbcglobal.net; Lauren_Burckle@oxy.com; Charles_Moran@eogresources.com
Subject: Re: Queen "23/24" WIU
Attachments: 20170502104804661.pdf

To all , attached for your further handling are revised pages to the JOA dated December 15 , 2017 for the captioned WIU . These revisions include the following :

- 1) Exhibit "A" - The contact information for COG , MRC Permian and TBO Oil & Gas was revised on Page 1 .
- 2) Exhibit "C" - The date of the JOA was inserted in the heading on Page 1 .
- 3) Exhibit "D" - The date of the JOA was inserted in the heading on Page 1 .
- 4) Exhibit "F" - The date of the JOA was inserted in the heading .
- 5) Exhibit "H" - The date of the JOA was inserted in the heading on Page 1 .
- 6) Exhibit "H" - Exhibit "A" was included .

As to the Recording Supplement , Exhibit "A" was included .

In reference to the above , please substitute the attached pages for the ones currently in your possession .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [mailto:phaden@mewbourne.com]
Sent: Tuesday, May 02, 2017 9:48 AM
To: Paul Haden
Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 05.02.2017 10:48:04 (-0400)

Paul Haden

From: Paul Haden
Sent: Wednesday, April 19, 2017 3:43 PM
To: 'BCason@concho.com'; 'NWeeks@matadorresources.com'; 'Lauren_Burckle@oxy.com'; 'bsouth@chevron.com'; 'chopson@bcoperating.com'
Cc: 'RBuress@concho.com'
Subject: FW: Message from "RicoH-MP-C6003-MID-2"
Attachments: 20170419152630615.pdf

To all , attached for your further handling are some revised pages to the JOA dated Dec 15 , 2016 . In the Table of Contents , Option 2 was struck in Article VI. G per Matador's request . On Page 10 on line 3 , \$50,000 was deleted and \$75,000 was inserted in its place . In Article VI. A , I revised the initial location slightly per the surface owner's request due to some surface issues . The description for the proposed interval to be tested was revised to more adequately describe the interval within the Wolfcamp formation to be tested per COG's request . On Page 13 on line 1 , fifteen (15) was revised to thirty (30) per Matador's request . In Article XVI. C. , December 15, 2016 was inserted in the blank on line 13 . In Article XVI. D.,the exclusion language is revised to state that the Agreement specifically excluded the well as described therein per COG's request . In Article E. , the phrase "Save and except in this Agreement , " was inserted at the beginning of the sentence per Matador's request .In Article XVI. , paragraphs H , I and J were added per Matador's request .In Exhibit "A" , Paragraph 2 as to depth restrictions , the Wolfcamp formation was more adequately described and COG's contact information was revised per COG's request . In Exhibit "A" , Paragraph 6 as to Burdens On Production ,I inserted "as of the date of this Agreement . " Once the Drilling Title Opinion is rendered , the burdens of record can be added to this paragraph .

In Exhibit "B" , I added the phrase "And There Are No Parties Participating In The Contract Area With Unleased Minerals " . In Exhibit C. (Copas) on Page 9 , under Article III. ,1. A. (ii) , Alternative 3 was checked in lieu of Alternative 2 per Matador's request . In Exhibit "D" . paragraph 9 was added per Matador's request . In Exhibit "E" under Definitions in paragraph 1.02 , the third box was deleted and the language inserted in the blanks was deleted per Matador's request . In Exhibit "E" , Gas Balancing Agreement , paragraph 12.9 on Page 5 , the second box was checked per Matador's request .

In reference to the above , please insert the attached revised pages for the ones currently in your possession if your firm is agreeable to the proposed revisions . Let me know if you have any questions or concerns regarding the above . Please have the signature and acknowledgment pages that are currently in your possession executed and returned to me with the executed Recording Memorandum for the Operating Agreement .

Thanks for your cooperation in connection with the above .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

Paul Haden

From: Paul Haden
Sent: Monday, April 17, 2017 2:18 PM
To: 'Charles Moran'; Drew Robison
Cc: Corey Mitchell
Subject: RE: Queen 23/24 WIU

Chuck , I'm pretty certain that Quinoco went to Hallwood Petroleum and then to Chevron USA . You could check with Chevron to confirm that regarding EOG's assignment that should have gone to Quinoco . Until EOG assigns its interest to Quinoco's successor , we will have to assume EOG owns the interest as EOG is in the chain of title for depths below 7,202' in the NE/4SW/4 of Sec 24 , T23S , R28E .

Paul Haden

Land Department

 **Mowbourn Oil Company**

500 West Texas Ave., Suite 1020

Midland, TX 79701-4279

Office Phone: 432-682-3715

Fax: 432-685-4170

Cell: 432-557-2521

From: Charles Moran [mailto:Charles_Moran@eogresources.com]
Sent: Friday, April 14, 2017 2:24 PM
To: Drew Robison; Paul Haden
Cc: Corey Mitchell
Subject: Queen 23/24 WIU

Paul: As a follow up to our conversation sometime after my receipt of your March 31, 2017 letter concerning the Queen 23/24 WIU, I have looked for additional information. As I we discussed, I do not believe EOG Resources Inc. owns an interest in your proposed well. The lease in question is NM-27919 in NESW Sec. 24-24S-28E. You state that according to your search of the county records, EOG still owns the interest. By my review of the EOG records, EOG believes this interest was sold to Quinoco. I have attached the incomplete assignment from EOG to Quinoco that was not signed by Quinoco. The notes in the file say this lease was to be included in a sale of the Craft 25#1 well to Quinoco.

My understanding after our conversation was that you were going to track down how Quinoco ended up with. Have you learned anything?

Chuck Moran
EOG Resources, Inc. - Midland Division
432-686-3684

Paul Haden

From: Paul Haden
Sent: Tuesday, April 04, 2017 3:02 PM
To: 'rbuess@concho.com'; 'MMcAuliffe@concho.com'; 'brsouth@chevron.com';
'chopson@bcoperating.com'; 'Charles_Moran@eogresources.com';
'Lauren_Burckle@oxy.com'; 'luke.mildren@blackmtn.com';
'NWeeks@matadorresources.com'
Subject: Re: Queen 23/24 WIU
Attachments: 20170404154231337.pdf

To all , attached for your further handling is revised Page 5 of the proposed JOA dated December 15 , 2016 . The surface and bottom hole locations for the initial well has been revised due to the surface owner's request regarding the surface location . Please substitute this page for the one currently in your possession .

Paul Haden
Land Department
Mewbourne Oil Company
500 West Texas Ave., Suite 1020
Midland, TX 79701-4279
Office Phone: 432-682-3715
Fax: 432-685-4170
Cell: 432-557-2521

-----Original Message-----

From: Paul Haden [<mailto:phaden@mewbourne.com>]
Sent: Tuesday, April 04, 2017 2:43 PM
To: Paul Haden
Subject: Message from "Ricoh-MP-C6003-MID-2"

This E-mail was sent from "Ricoh-MP-C6003-MID-2" (MP C6003).

Scan Date: 04.04.2017 15:42:31 (-0400)

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

March 31, 2017

EOG Resources, Inc.
P.O. BOX 2267
Midland, Texas 79702
Attn: Mr. Chuck Moran

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24, T24S, R28E
Eddy County, New Mexico

Chuck:

Regarding the captioned Working Interest Unit, to date we have not received the signed AFEs from you for the proposed initial wells, nor have we received the executed signature and acknowledgement pages of the proposed Operating Agreement dated December 15, 2016 and the executed Operating Agreement Recording Memorandum. Please have same executed and returned to me at your earliest convenience.

Regarding the above, please be advised that Mewbourne Oil Company ("Mewbourne") will be filing an Application For Compulsory Pooling in the near future in order for Mewbourne to be able to drill the proposed wells in a timely manner.

Sincerely yours,

MEWBOURNE OIL COMPANY


D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

March 31, 2017

EOG Resources, Inc.
P.O. BOX 2267
Midland, Texas 79702
Attn: Mr. Chuck Moran

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24, T24S, R28E
Eddy County, New Mexico

Chuck:

Regarding the captioned Working Interest Unit, to date we have not received the signed AFEs from you for the proposed initial wells, nor have we received the executed signature and acknowledgement pages of the proposed Operating Agreement dated December 15, 2016 and the executed Operating Agreement Recording Memorandum. Please have same executed and returned to me at your earliest convenience.

Regarding the above, please be advised that Mewbourne Oil Company ("Mewbourne") will be filing an Application For Compulsory Pooling in the near future in order for Mewbourne to be able to drill the proposed wells in a timely manner.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

January 4, 2017

EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79701
Attn: Mr. Matthew Phillips

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Gentlemen:

Regarding the captioned proposed Working Interest Unit (WIU), enclosed for your further handling are the following:

- 1) Proposed form of Operating Agreement dated December 15, 2016.
- 2) Signature pages of the JOA and GBA.
- 3) Recording Supplement to Operating Agreement.

In reference to the above, please have the enclosed signature pages of the Operating Agreement and Gas Balancing Agreement executed and returned to me at your earliest convenience as well as the executed Recording Supplement.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak



Date: December 1, 2016

Simple Certified:

The following is in response to your December 1, 2016 request for delivery information on your Certified Mail™/RRE item number 9414810699945019311622. The delivery record shows that this item was delivered on December 1, 2016 at 7:19 am in MIDLAND, TX 79702. The scanned image of the recipient information is provided below.

Signature of Recipient :

James W. Whitehead
Jimmy Whitehead

Address of Recipient :

2267

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

EOG Resources, Inc.
PO Box 2267
Midland, TX 79702
Reference #: Queen 23/24 WIU PH

MEWBOURNE OIL COMPANY

500 W. TEXAS, SUITE 1020
MIDLAND, TEXAS 79701

(432) 682-3715
FAX (432) 685-4170

Via Certified Mail

November 29, 2016

EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
Attn: Mr. Matthew Phillips

Re: Queen "23/24" WIU
SE/4 of Section 23 and
S/2 of Section 24,
T24S, R28E
Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form the captioned Working Interest Unit (WIU) for Wolfcamp Oil and gas production containing 480 acres, more or less.

In reference to the above, public records indicate EOG Resources, Inc. ("EOG") owns an undivided 100% WI in the NE/4SW/4 of the captioned Section 24 below 7,202 feet beneath the surface. Accordingly, EOG owns a 8.33333% unit WI in the proposed WIU.

Regarding the above, Mewbourne hereby proposes the following two wells which will be drilled back to back in the fall of 2017:

- 1) Mewbourne proposes to drill the Queen 23/24 W2OP Federal Com #2H Well at a surface location 650' FSL & 2455' FEL of the captioned Section 23 and drill same horizontally to a terminus point 330' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 10,794 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled therefrom horizontally from a westerly direction to an easterly direction in the middle Wolfcamp shale interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 17,874 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.
- 2) Mewbourne proposes to drill the Queen 23/24 W0OP Federal Com #1H Well at a surface location 710' FSL & 2455' FEL of the captioned Section 23 and drill same to a terminus point 450' FSL & 330' FEL of the captioned Section 24. The proposed well will be drilled to a true vertical depth of approximately 9,745 feet beneath the surface at the referenced surface location in the Wolfcamp formation and drilled horizontally from a westerly direction to an easterly direction in the Upper Wolfcamp Sand interval in the Wolfcamp formation for oil and gas production. The proposed well will be drilled to a true measured depth of approximately 16,886 feet to the above referenced bottom hole location. The SE/4 of Section 23 and S/2 of Section 24 will be dedicated to the proposed well as its nonstandard proration unit and project area.

In reference to the above proposed wells, enclosed are separate AFE's for each well in the event your firm elects to participate in the proposed WIU and proposed wells. Should your firm elect to participate in the proposed wells, please have the enclosed AFEs signed and returned to me within thirty (30) days. Upon receipt of same I will forward you our Operating Agreement for execution.

In the event your firm elects not to participate in the proposed WIU, Mewbourne would be interested in acquiring a term assignment or farmout of EOG's interest covering rights below 7,202 feet beneath the surface to the base of the Wolfcamp formation in the above referenced lands.

Should you have any questions regarding the above, please call me at (432) 682-3715 or if by email, my email address is phaden@mewbourne.com . We are looking forward to working with your firm on this drilling project.

Sincerely yours,

MEWBOURNE OIL COMPANY



D. Paul Haden
Senior Landman
DPH/ak

MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

Well Name: Queen 23/24 W0OP Fed Com #1H Prospect: _____
 Location: SL: 710' FSL & 2455' FEL Sec 23; BHL: 450' FSL & 330' FEL Sec 24 County: Eddy ST: NM
 Sec. 23 Blk: Survey: _____ TWP: 24S RNG: 28E Prop. TVD: 9745 TMD: 16886

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$12,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$45,000	0180-0205	\$30,000
Location / Restoration		0180-0106	\$175,000	0180-0206	\$20,000
Daywork / Turnkey / Footage Drilling	19 days drlg & 3 days comp @ \$16250/day	0180-0110	\$328,900	0180-0210	\$53,000
Fuel	1500 gal/day @ \$1.70/gal	0180-0114	\$54,500		
Mud, Chemical & Additives		0180-0120	\$120,000	0180-0220	
Horizontal Drillout Services	Coil Tbg Drillout			0180-0222	\$138,200
Cementing	2 Stg 7" w/ ECP	0180-0125	\$80,000	0180-0225	\$20,000
Logging & Wireline Services		0180-0130	\$3,000	0180-0230	\$186,900
Casing / Tubing / Snubbing Service		0180-0134	\$25,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$15,000		
Stimulation	37 Stg 9.7 MM gal/9.8 MM lb			0180-0241	\$1,852,800
Stimulation Rentals & Other				0180-0242	\$159,400
Water & Other		0180-0145	\$40,000	0180-0245	\$327,300
Bits		0180-0148	\$54,000	0180-0248	\$4,000
Inspection & Repair Services		0180-0150	\$35,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$15,000	0180-0258	\$26,500
Completion / Workover Rig	4 days @ \$3500/day Toe Prep			0180-0260	\$18,700
Rig Mobilization		0180-0164	\$160,000		
Transportation		0180-0165	\$20,000	0180-0265	\$12,000
Welding Services		0180-0168	\$5,000	0180-0268	\$5,000
Contract Services & Supervision		0180-0170		0180-0270	
Directional Services		0180-0175	\$135,000		
Equipment Rental		0180-0180	\$140,000	0180-0280	\$30,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,200	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$1,000
Damages		0180-0190	\$20,000	0180-0290	
ROW & Easements		0180-0192		0180-0292	\$25,000
Pipeline Interconnect				0180-0293	
Company Supervision		0180-0195	\$90,500	0180-0295	\$75,000
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment		0180-0198		0180-0298	
Contingencies	10% (TCP) 5% (CC)	0180-0199	\$160,100	0180-0299	\$151,700
TOTAL			\$1,761,200		\$3,186,500
TANGIBLE COSTS 0181					
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	420' - 13 3/8" 54.5# J55 STC @ \$25.87/ft + GRT	0181-0794	\$11,000		
Casing (8.1" - 10.0")	2600' - 9 5/8" 40# N80 LTC @ \$22.20/ft + GRT	0181-0795	\$58,000		
Casing (6.1" - 8.0")	10120' - 7" 29# P110 LTC @ \$18.60/ft + GRT	0181-0796	\$188,500		
Casing (4.1" - 6.0")	7750' - 4 1/2" 13.5# P110 LTC @ \$9.28/ft + GRT			0181-0797	\$72,000
Tubing (2" - 4")				0181-0798	
Drilling Head		0181-0860	\$20,000		
Tubing Head & Upper Section	Includes 10K Frac Valve & Tree			0181-0870	\$40,000
Horizontal Completion Tools	Resource Completion Liner Hanger			0181-0871	\$27,000
Sucker Rods				0181-0875	
Subsurface Equipment				0181-0880	
Artificial Lift Systems				0181-0884	
Pumping Unit				0181-0885	
Surface Pumps & Prime Movers	VRU and SWD pump			0181-0886	\$50,000
Tanks - Oil	4 - 500 bbl steel			0181-0890	\$38,000
Tanks - Water	4 - 500 bbl steel coated			0181-0891	\$44,000
Separation / Treating Equipment	36"x15"x1K Hor 3 ph/30"x10"x1K 2 ph/GB			0181-0895	\$55,000
Heater Treaters, Line Heaters	6'x20'x75# HT			0181-0897	\$13,000
Metering Equipment				0181-0898	\$7,000
Line Pipe & Valves - Gathering	(1/2) 2 miles 6" SWD and 4" gas			0181-0900	\$50,000
Fittings / Valves & Accessories				0181-0906	\$65,000
Cathodic Protection				0181-0908	\$5,000
Electrical Installation				0181-0909	\$50,000
Equipment Installation				0181-0910	\$55,000
Pipeline Construction	(1/2) 2 miles 6" SWD and 4" gas			0181-0920	\$100,000
TOTAL			\$277,500		\$671,000
SUBTOTAL			\$2,038,700		\$3,857,500
TOTAL WELL COST			\$5,896,200		

EXHIBIT 4

Prepared by: L. Jackson Date: 11/8/2016
 Co. Approval: *m. whitte* Date: 11/9/2016
 Joint Owner Interest: _____ Amount: _____
 Joint Owner Name: _____ Signature: _____

Operator has secured Operator's Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185. Non-Operator may elect NOT to be covered by this Operator's Extra Expense Insurance only by signing below. The undersigned elects NOT to be covered by Operator's Extra Expense Insurance for their well.

Joint Owner Name: _____ Signature: _____

MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

Well Name: Queen 23/24 W2OP Fed Com #2H Prospect: _____
 Location: SL: 650' FSL & 2455' FEL (23); BHL: 330' FSL & 330' FEL (24) County: Eddy ST: NM
 Sec. 23 Blk: Survey: _____ TWP: 24S RNG: 28E Prop. TVD: 10794' TMD: 17874'

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$12,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$45,000	0180-0205	\$30,000
Location / Restoration		0180-0106	\$175,000	0180-0206	\$20,000
Daywork / Turnkey / Footage Drilling	22 days drlg & 3 days comp @ \$16250/day	0180-0110	\$257,500	0180-0210	\$53,000
Fuel	1500 gal/day @ \$1.70/gal	0180-0114	\$64,000		
Mud, Chemical & Additives		0180-0120	\$140,000	0180-0220	
Horizontal Drillout Services	Coil Tbg Drillout			0180-0222	\$101,000
Cementing	2 Stg 7" w/ ECP	0180-0125	\$80,000	0180-0225	\$20,000
Logging & Wireline Services		0180-0130	\$3,000	0180-0230	\$215,000
Casing / Tubing / Snubbing Service		0180-0134	\$25,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$15,000		
Stimulation	43 Stg 13 MM gal/10.3 MM lb			0180-0241	\$2,228,400
Stimulation Rentals & Other				0180-0242	\$159,400
Water & Other		0180-0145	\$40,000	0180-0245	\$364,500
Bits		0180-0148	\$63,000	0180-0248	\$4,000
Inspection & Repair Services		0180-0150	\$35,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$15,000	0180-0258	\$26,600
Completion / Workover Rig	4 days @ \$3500/day Toe Prep			0180-0260	\$18,700
Rig Mobilization		0180-0164	\$160,000		
Transportation		0180-0165	\$20,000	0180-0265	\$12,000
Welding Services		0180-0168	\$5,000	0180-0268	\$5,000
Contract Services & Supervision		0180-0170		0180-0270	
Directional Services		0180-0175	\$140,000		
Equipment Rental		0180-0180	\$160,000	0180-0280	\$30,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,500	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$1,000
Damages		0180-0190	\$20,000	0180-0290	
ROW & Easements		0180-0192		0180-0292	\$25,000
Pipeline Interconnect				0180-0293	
Company Supervision		0180-0195	\$105,000	0180-0295	\$60,000
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment		0180-0198		0180-0298	
Contingencies	10% (TCP) 5% (CC)	0180-0199	\$160,800	0180-0299	\$171,200
TOTAL			\$1,768,800		\$3,594,800
TANGIBLE COSTS 0181					
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	420' - 13 3/8" 54.5# J55 STC @ \$25.87/ft + GRT	0181-0794	\$11,000		
Casing (8.1" - 10.0")	2600' - 9 5/8" 40# J55 LTC @ \$22.20/ft + GRT	0181-0795	\$58,000		
Casing (6.1" - 8.0")	10970' - 7" 26# P110 LTC @ \$18.60/ft + GRT	0181-0796	\$204,200		
Casing (4.1" - 6.0")	7800' - 4 1/2" 13.5# P110 LTC @ \$9.28/ft + GRT			0181-0797	\$72,400
Tubing (2" - 4")				0181-0798	
Drilling Head		0181-0860	\$20,000		
Tubing Head & Upper Section	Includes 10K Frac Valve			0181-0870	\$35,000
Horizontal Completion Tools	Resource Completion Liner Hanger			0181-0871	\$27,000
Sucker Rods				0181-0875	
Subsurface Equipment				0181-0880	
Artificial Lift Systems				0181-0884	
Pumping Unit				0181-0885	
Surface Pumps & Prime Movers				0181-0886	
Tanks - Oil	3 - 500 bbl steel			0181-0890	\$28,500
Tanks - Water	1 - 500 bbl steel coated			0181-0891	\$11,000
Separation / Treating Equipment	36x15x1K Hor 3 ph/30x10x1K 2 ph/GB			0181-0895	\$55,000
Heater Treaters, Line Heaters	6'x20'x75# HT			0181-0897	\$13,000
Metering Equipment				0181-0898	\$7,000
Line Pipe & Valves - Gathering	(1/2) 2 miles 6" SWD and 4" gas			0181-0900	\$25,000
Fittings / Valves & Accessories				0181-0906	\$30,000
Cathodic Protection				0181-0908	\$5,000
Electrical Installation				0181-0909	\$50,000
Equipment Installation				0181-0910	\$30,000
Pipeline Construction	(1/2) 2 miles 6" SWD and 4" gas			0181-0920	\$50,000
TOTAL			\$293,200		\$438,900
SUBTOTAL			\$2,062,000		\$4,033,700
TOTAL WELL COST			\$6,095,700		

Prepared by: L. Jackson Date: 11/8/2016

Co. Approval: *M. Whitte* Date: 11/9/2016

Joint Owner Interest: _____ Amount: _____

Joint Owner Name: _____ Signature: _____

Operator has secured Operator's Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185. Non-Operator may elect NOT to be covered by this Operator's Extra Expense Insurance only by signing below. The undersigned elects **NOT to be covered** by Operator's Extra Expense Insurance for their well.

Joint Owner Name: _____ Signature: _____ Form Rev: 9/01/2015

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

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

Case No. 15,689

AFFIDAVIT OF NOTICE

COUNTY OF SANTA FE)
) ss.
STATE OF NEW MEXICO)

James Bruce, being duly sworn upon his oath, deposes and states:

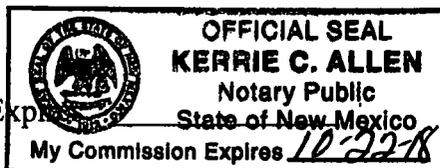
1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owners, at their last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules NMAC 19.15.4.9 and 19.15.4.12.C.



James Bruce

SUBSCRIBED AND SWORN TO before me this 24th day of May, 2017 by James Bruce.

My Commission Expires





Notary Public

EXHIBIT 5

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

April 18, 2017

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling, *etc.* filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, regarding a Wolfcamp well in the SE/4 of Section 23 and the S/2 of Section 24, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, May 11, 2017, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, May 4, 2017. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and his or her attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing

Very truly yours,


James Bruce

Attorney for Mewbourne Oil Company

ATTACHMENT *A*

EXHIBIT A

COG Operating LLC
600 W. Illinois
Midland, TX 79701
Attn: Ms. Rita A. Bures

EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
Attn: Mr. Chuck Moran

MRC Permian Company
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240
Attn: Mr. Nick Weeks

Black Mountain Operating, LLC
500 Main Street, Suite 1200
Fort Worth, TX 76102
Attn: Mr. Luke Mildren

Nadel and Gussman Permian, LLC,
Paleozoic Petroleum, LLC,
Crown Oil Partners V, LP,
Black Crown Energy Partners, LP,
Oak Valley Mineral & Land, LP and
Crump Energy Partners, II
P.O. Box 50820
Midland, TX 79710
Attn: Mr. Caleb Hopson

TBO Oil & Gas, LLC
P.O. Box 10502
Midland, TX 79702

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:

Black Mountain Operating, LLC
500 Main Street, Suite 1200
Fort Worth, TX 76102
Attn: Mr. Luke Mildren

9590 9402 2703 6351 7741 28

Article Number (Transfer from service label)
7016 2070 0000 2473 2829

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

B. Received by (Printed Name) **C. Date of Delivery**

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

- 3. Service Type**
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - All Restricted Delivery
 - Priority Mail Express®
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Return Receipt for Merchandise
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery

**U.S. Postal Service™
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OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

- Return Receipt (hardcopy) \$ _____
- Return Receipt (electronic) \$ _____
- Certified Mail Restricted Delivery \$ _____
- Adult Signature Required \$ _____
- Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To _____

Street and Apt. No., or PO Box No. _____

City, State, ZIP+4® _____

Postmark Here

Nadel and Gussman Permian, L.L.C.
Paleozoic Petroleum, L.L.C.
Crown Oil Partners V, L.P.
Black Crown Energy Partners, L.P.
Oak Valley Mineral & Land, LP and
Crump Energy Partners, II
P.O. Box 50820
Midland, TX 79710
Attn: Mr. Caleb Hopson

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 2070 0000 2473 2829

7016 2070 0000 2473 2829

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OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

- Return Receipt (hardcopy) \$ _____
- Return Receipt (electronic) \$ _____
- Certified Mail Restricted Delivery \$ _____
- Adult Signature Required \$ _____
- Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To _____

Street and Apt. No., or PO Box no. _____

City, State, ZIP+4® _____

Postmark Here

Black Mountain Operating, L.L.C.
500 Main Street, Suite 1200
Fort Worth, TX 76102
Attn: Mr. Luke Mildren

9590 9402 2703 6351 7741 28

Article Number (Transfer from service label)
7016 2070 0000 2473 2812

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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:

Nadel and Gussman Permian, L.L.C.
Paleozoic Petroleum, L.L.C.
Crown Oil Partners V, L.P.
Black Crown Energy Partners, L.P.
Oak Valley Mineral & Land, LP and
Crump Energy Partners, II
P.O. Box 50820
Midland, TX 79710
Attn: Mr. Caleb Hopson

9590 9402 2703 6351 7741 28

Article Number (Transfer from service label)
7016 2070 0000 2473 2812

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

B. Received by (Printed Name) **C. Date of Delivery**

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

- 3. Service Type**
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - All Restricted Delivery
 - Priority Mail Express®
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Return Receipt for Merchandise
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery

M Q

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:

TBO Oil & Gas, L.L.C.
P.O. Box 10502
Midland, TX 79702

9590 9402 2703 6351 7741 04

2. Article Number (Transfer from service label)

7016 2070 0000 2473 2805

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

Dana Howard Agent
 Addressee

B. Received by (Printed Name)

Dana Howard

C. Date of Delivery

5/18/2017

D. Is delivery address different from item 1?

If YES, enter delivery address below: Yes No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Return Receipt for Merchandise
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

(over 500)

Domestic Return Receipt

M Q

U.S. Postal Service™
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OFFICIAL USE

Certified Mail Fee

\$

Extra Services & Fees (check box, add fee as appropriate)

- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

MRC Permian Company
5400 I.B.J. Freeway, Suite 1500
Dallas, TX 75240

Sent To Attn: Mr. Nick Weeks

Street and Apt. No., or Attn: Mr. Nick Weeks

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7016 2070 0000 2473 2836

Postmark Here

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OFFICIAL USE

Certified Mail Fee

\$

Extra Services & Fees (check box, add fee as appropriate)

- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

TBO Oil & Gas, L.L.C.
P.O. Box 10502
Midland, TX 79702

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

Postmark Here

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:

MRC Permian Company
5400 I.B.J. Freeway, Suite 1500
Dallas, TX 75240
Attn: Mr. Nick Weeks

9590 9402 2703 6351 7741 04

2. Article Number (Transfer from service label)

7016 2070 0000 2473 2836

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Signature] Agent
 Addressee

B. Received by (Printed Name)

Dana

C. Date of Delivery

4/21/17

D. Is delivery address different from item 1?

If YES, enter delivery address below: Yes No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Return Receipt for Merchandise
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

(over 500)

Domestic Return Receipt

M Q

7016 2070 0000 2473 2805

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:

COG Operating LLC
600 W. Illinois
Midland, TX 79701
Attn: Ms. Rita A. Buress

9530 9402 2703 6351 7740 98

2. Article Number (Transfer from service label)

7016 2070 0000 2473 2850

1cted Delivery

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

m 2 - f

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]*

- Agent
- Addressee

B. Received by (Printed Name)

R. Buress

C. Date of Delivery

4/22/17

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
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Return Receipt for Merchandise
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

7016 2070 0000 2473 2850

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OFFICIAL USE

Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____
Postage	\$ _____
Total Postage and Fees	\$ _____

Postmark
Here

Sent To	COG Operating LLC
Street and Apt. No., or PO	600 W. Illinois Midland, TX 79701
City, State, ZIP+4®	Attn: Ms. Rita A. Buress

USPS Tracking® Results

FAQs > (<http://faq.usps.com/?articleId=220900>)

Track Another Package +

Remove X

Tracking Number: 70162070000024732843



Delivered

Updated Delivery Day: Saturday, April 22, 2017 ⓘ
Product & Tracking Information

See Available Actions

Postal Product:

Features:
Certified Mail™

DATE & TIME	STATUS OF ITEM	LOCATION
April 22, 2017, 12:39 pm	Delivered, Left with Individual	MIDLAND, TX 79701
Your item was delivered to an individual at the address at 12:39 pm on April 22, 2017 in MIDLAND, TX 79701.		
April 22, 2017, 6:10 am	Arrived at Unit	MIDLAND, TX 79701

See More ∨

Available Actions

Text Updates ∨

Email Updates ∨

7016 2070 0000 2473 2843

U.S. Postal Service™
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Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee	\$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	
Postage	\$	
Total Postage and Fees	\$	
Sent To	EOG Resources, Inc. P.O. Box 2267 Midland, TX 79702 Attn: Mr. Chuck Moran	
Street and Apt. No., or PO Box No.		
City, State, ZIP+4®		

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Offset Operators

SW/4 Section 23

Mewbourne Oil Company

N/2 Section 23

BC Operating, Inc.
EOG Resources, Inc.

NW/4 Section 24

Dinero Operating Company
EOG Resources, Inc.

NE/4 Section 24

Black Mountain Operating LLC

Section 19-24S-29E

COG Operating LLC

N/2 Section 30-24S-29E

Murchison Oil & Gas, Inc.

N/2 Section 25

COG Operating LLC
Matador Production Company

E/2 Section 26

EOG Resources, Inc.

W/2 Section 26

Mewbourne Oil Company

EXHIBIT

6

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

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

Case No. 15,689

AFFIDAVIT OF NOTICE

COUNTY OF SANTA FE)
) ss.
STATE OF NEW MEXICO)

James Bruce, being duly sworn upon his oath, deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the offset operators or working interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the offsets by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules NMAC 19.15.4.9 and 19.15.4.12.C.

James Bruce

James Bruce

SUBSCRIBED AND SWORN TO before me this 24th day of May, 2017 by James Bruce.



My Commission Expires

Kerrie C. Allen
Notary Public

EXHIBIT 7

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

April 13, 2017

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

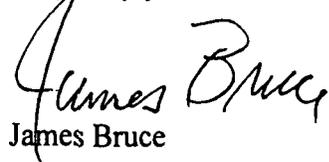
Ladies and gentlemen:

Enclosed is a copy of an application for a non-standard unit and compulsory pooling, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, regarding Wolfcamp wells in the SE/4 of Section 23 and S/2 of Section 24, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico.

The matter is scheduled for hearing at 8:15 a.m. on Thursday, May 11, 2017, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend the hearing, but as an **offset operator or interest owner** who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, May 4, 2017. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and his or her attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing.

Very truly yours,


James Bruce

Attorney for Mewbourne Oil Company

ATTACHMENT A

EXHIBIT A

BC Operating, Inc.
P.O. Box 50820
Midland, Texas 79710

Dinero Operating Company
P.O. Box 10505
Midland, Texas 79702

EOG Resources, Inc.
P.O. Box 2267
Midland, Texas 79702

Black Mountain Operating LLC
Suite 1200
500 Main Street
Fort Worth, Texas 76102

COG Operating LLC
600 West Illinois Avenue
Midland, Texas 79701

Murchison Oil & Gas, Inc.
Suite 1400
7250 Dallas Parkway
Plano, Texas 75024

Matador Production Company
Suite 1500
5400 LBJ Freeway
Dallas, Texas 75240

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:

Dinero Operating Company
P.O. Box 10505
Midland, Texas 79702

9590 9402 2703 6351 7740 29

2. Article Number (Transfer from service label)

7016 2070 0000 2473 2775

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Mitz Matthews* Agent
 Addressee

B. Received by (Printed Name)

Mitz Matthews / *5-8-17*

C. Date of Delivery

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
- Registered Mail™
- Registered Mail Restricted Delivery
- Return Receipt for Merchandise
- Signature Confirmation™
- Signature Confirmation Restricted Delivery
- Priority Mail Express®

(over \$500)

Domestic Return Receipt

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Certified Mail Fee

- Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) \$
 - Return Receipt (electronic) \$
 - Certified Mail Restricted Delivery \$
 - Adult Signature Required \$
 - Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees

Sent To BC Operating, Inc.
P.O. Box 50820
Street and Apt. No., or P.O. Midland, Texas 79710
City, State, ZIP+4®

Postmark
Here

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7016 2070 0000 2473 2782

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- Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) \$
 - Return Receipt (electronic) \$
 - Certified Mail Restricted Delivery \$
 - Adult Signature Required \$
 - Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees

Sent To Dinero Operating Company
P.O. Box 10505
Street and Apt. No., or P.O. Midland, Texas 79702
City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

Postmark
Here

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:

BC Operating, Inc.
P.O. Box 50820
Midland, Texas 79710

9590 9402 2703 6351 7740 12

2. Article Number (Transfer from service label)

7016 2070 0000 2473 2782

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]* Agent
 Addressee

B. Received by (Printed Name)

Lauren [Signature] / *4/25/17*

C. Date of Delivery

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
- Registered Mail™
- Registered Mail Restricted Delivery
- Return Receipt for Merchandise
- Signature Confirmation™
- Signature Confirmation Restricted Delivery
- Priority Mail Express®

(over \$500)

Domestic Return Receipt

M-Q

7016 2070 0000 2473 2775

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p>	
<p>1. Article Addressed to:</p> <p>COG Operating LLC 600 West Illinois Avenue Midland, Texas 79701</p>		<p>B. Received by (Printed Name) MONROE</p>	<p>C. Date of Delivery 4-2-17</p>
<p>2. Article Number (Transfer from service label) 9590 9402 2703 6351 7740 50</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>3. Article Number (Transfer from service label) 7016 2070 0000 2473 2744</p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted 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</p>	
<p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>Domestic Return Receipt</p>	

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<p>Certified Mail Fee \$</p> <p>Extra Services & Fees (check box, add fee as appropriate)</p> <p><input type="checkbox"/> Return Receipt (hardcopy) \$</p> <p><input type="checkbox"/> Return Receipt (electronic) \$</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery \$</p> <p><input type="checkbox"/> Adult Signature Required \$</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery \$</p>	<p>Postmark Here</p>
<p>Postage \$</p> <p>Total Postage and Fees \$</p>	<p>Murchison Oil & Gas, Inc. Suite 1400 7250 Dallas Parkway Plano, Texas 75024</p>
<p>Sent To Street and Apt. No., or PO City, State, ZIP+4®</p>	<p>PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions</p>

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<p>For delivery information, visit our website at www.usps.com®.</p> <p>OFFICIAL USE</p>	
<p>Certified Mail Fee \$</p> <p>Extra Services & Fees (check box, add fee as appropriate)</p> <p><input type="checkbox"/> Return Receipt (hardcopy) \$</p> <p><input type="checkbox"/> Return Receipt (electronic) \$</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery \$</p> <p><input type="checkbox"/> Adult Signature Required \$</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery \$</p>	<p>Postmark Here</p>
<p>Postage \$</p> <p>Total Postage and Fees \$</p>	<p>COG Operating LLC 600 West Illinois Avenue Midland, Texas 79701</p>
<p>Sent To Street and Apt. No., or PO Box No. City, State, ZIP+4®</p>	<p>PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions</p>

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p>	
<p>1. Article Addressed to:</p> <p>Murchison Oil & Gas, Inc. Suite 1400 7250 Dallas Parkway Plano, Texas 75024</p>		<p>B. Received by (Printed Name) Elaine Reveto</p>	<p>C. Date of Delivery 4-2-17</p>
<p>2. Article Number (Transfer from service label) 9590 9402 2703 6351 7740 50</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>3. Article Number (Transfer from service label) 7016 2070 0000 2473 2737</p>		<p>3. Service Type</p> <p><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 Restricted 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</p>	
<p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>Domestic Return Receipt</p>	

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:

Matador Production Company
Suite 1500
5400 LBJ Freeway
Dallas, Texas 75240

9590 9402 2703 6351 7740 74

2. Article Number (Transfer from carrier label)
7016 2070 0000 2473 2720

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Agent
 Addressee

B. Received by (Printed Name) _____ C. Date of Delivery _____

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

3. Service Type
- | | |
|---|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input checked="" type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted 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 |

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Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Postmark
Here

Sent To: Black Mountain Operating LLC
Suite 1200
Street and Apt. No., or PO: 500 Main Street
Fort Worth, Texas 76102
City, State, ZIP+4®: _____

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7016 2070 0000 2473 2751

7016 2070 0000 2473 2720

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Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Postmark
Here

Sent To: Matador Production Company
Suite 1500
5400 LBJ Freeway
Dallas, Texas 75240
Street and Apt. No., or PO Box: _____
City, State, ZIP+4®: _____

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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:

Black Mountain Operating LLC
Suite 1200
500 Main Street
Fort Worth, Texas 76102

9590 9402 2703 6351 7740 74

2. Article Number (Transfer from carrier label)
7016 2070 0000 2473 2751

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Agent
 Addressee

B. Received by (Printed Name) _____ C. Date of Delivery 8/21/17

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

3. Service Type
- | | |
|---|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input checked="" type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted 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 |

Domestic Return Receipt

M - Q

USPS Tracking® Results

FAQs > (<http://faq.usps.com/?articleId=220900>)

Track Another Package +

Remove X

Tracking Number: 70162070000024732768



In-Transit

Product & Tracking Information

See Available Actions

Postal Product:

Features:
Certified Mail™

DATE & TIME	STATUS OF ITEM	LOCATION
April 21, 2017, 6:55 pm	In Transit to Destination	
The item is currently in transit to the destination as of April 21, 2017 at 6:55 pm.		
April 20, 2017, 6:55 pm	Departed USPS Facility	MIDLAND, TX 79711
April 20, 2017, 2:18 pm	Arrived at USPS Facility	MIDLAND, TX 79711
April 20, 2017, 4:07 am	In Transit to Destination	

See More v

Available Actions

- Text Updates v
- Email Updates v

7016 2070 0000 2473 2768

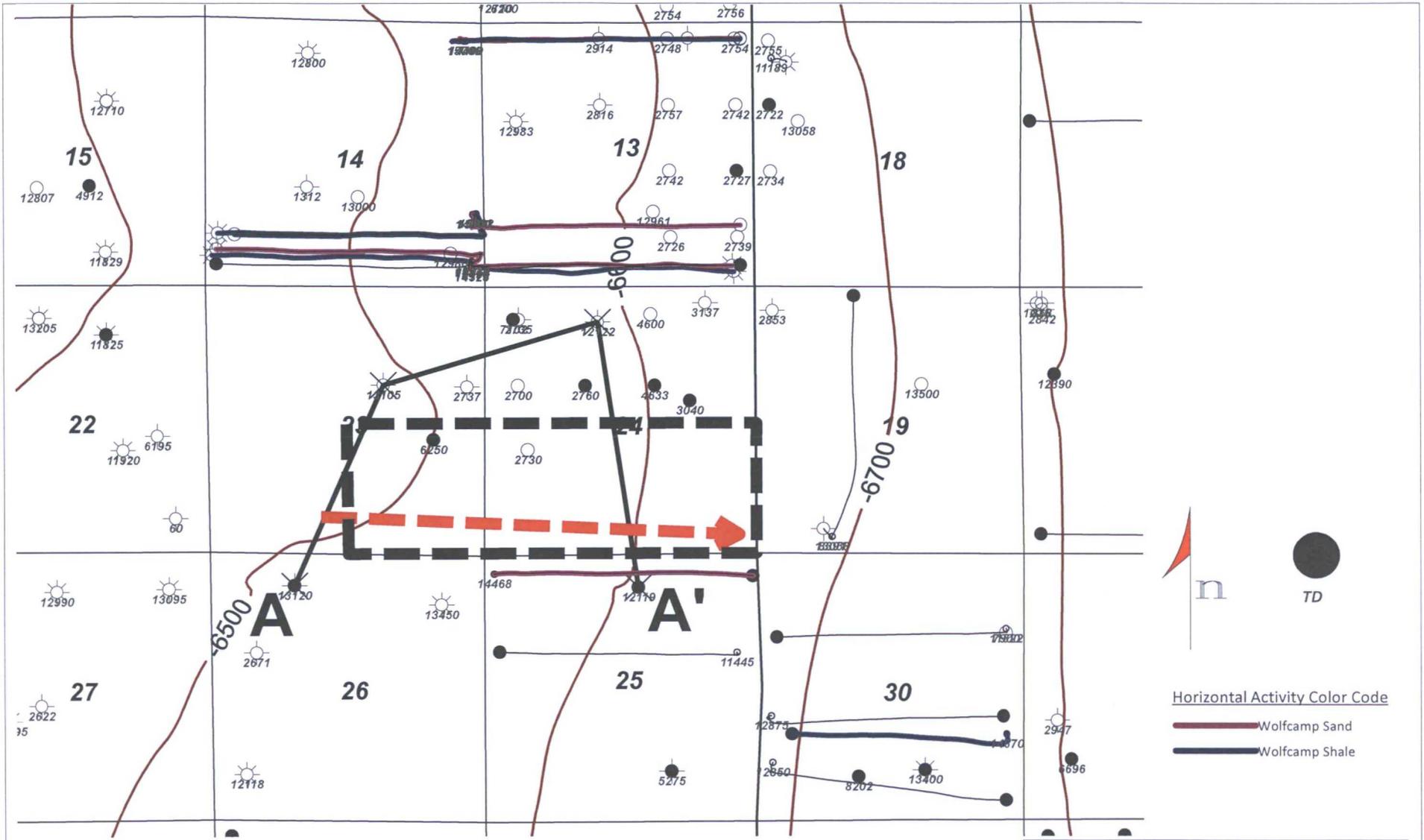
U.S. Postal Service™
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OFFICIAL USE

Certified Mail Fee \$ _____	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$ _____	
<input type="checkbox"/> Return Receipt (electronic) \$ _____	
<input type="checkbox"/> Certified Mail Restricted Delivery \$ _____	
<input type="checkbox"/> Adult Signature Required \$ _____	
<input type="checkbox"/> Adult Signature Restricted Delivery \$ _____	
Postage \$ _____	
Total Postage and Fees \$ _____	
Sent To Street and Apt. No., or PO Box No. EOG Resources, Inc. P.O. Box 2267 City, State, ZIP+4 Midland, Texas 79702	

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



1:34000

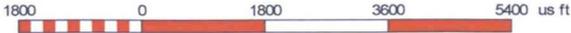


EXHIBIT *J*

Mewbourne Oil Company

Queen W00P Fed Com 1H
Horizontal Activity Map
Structure Top of WFMP (C.I. 100')

5/3/17	Eddy County	New Mexico
		Geol: C. Crosby

A
W

30015257080000
 POGO PRODUCING CO
 (MCI)
 Datum=2986.00
 860 FNL 1650 FWL
 TWP: 24 S - Range: 28 E - Sec: 26

4376 R

30015234220000
 MADDOX ENERGY CORP
 GUITAR GARL 1
 Datum=2975.00
 1960 FNL/1960 FEL
 TWP: 24 S - Range: 28 E - Sec: 23

4386 R

30015264530000
 DINERO OPERATING CO
 FEDERAL 24 COM 1
 Datum=2987.00
 710 FNL 2210 FWL
 TWP 24 S - Range: 28 E - Sec: 24

5384 R

30015248220000
 HHO OIL COMPANY
 CRAFT 25 COM 1
 Datum=2937.00
 860 FNL 2310 FEL
 TWP: 24 S - Range: 28 E - Sec: 25

A'
E

26C

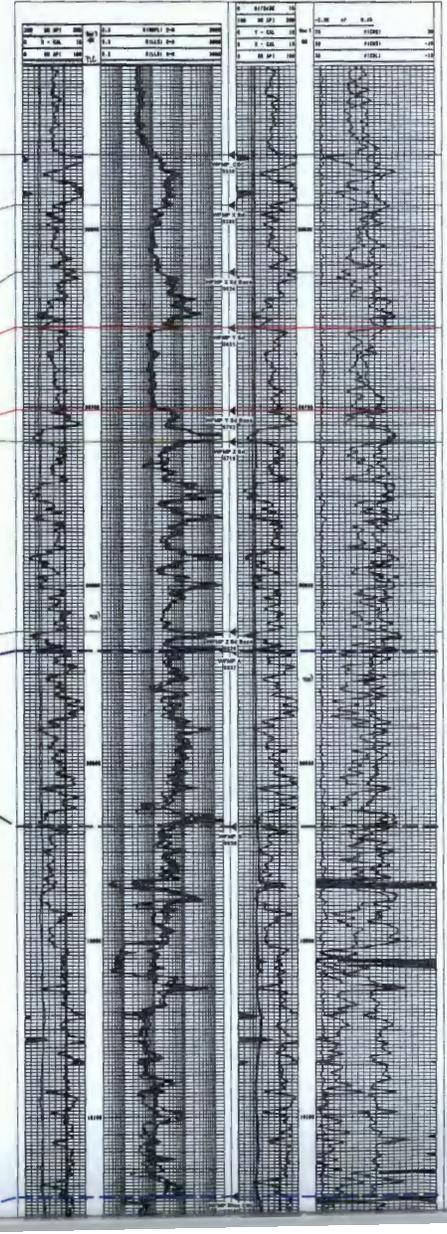
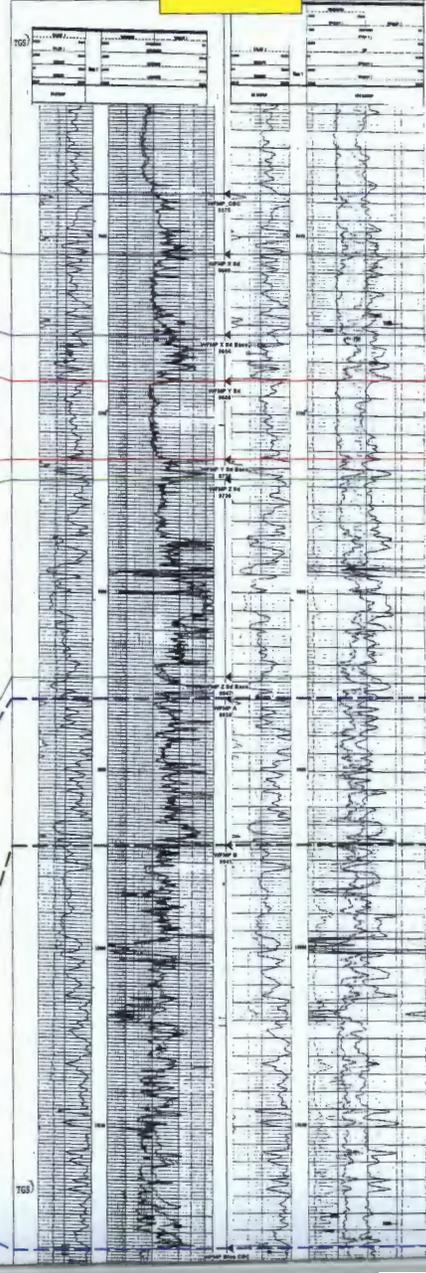
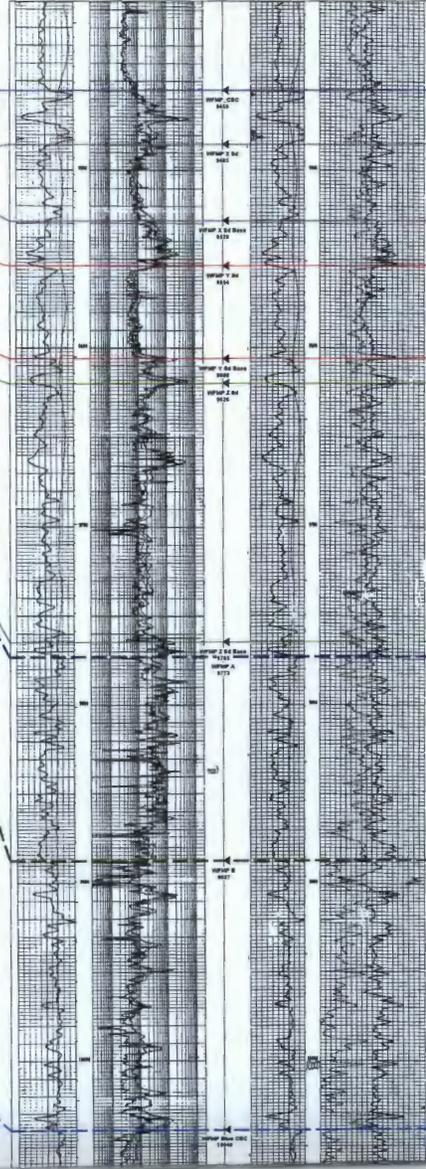
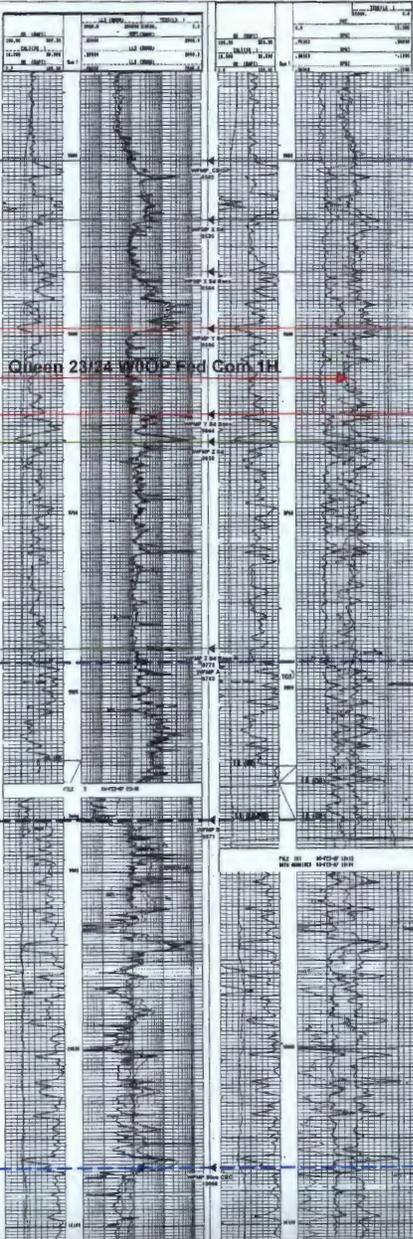
23G

24C

25B

0 Top WFMP

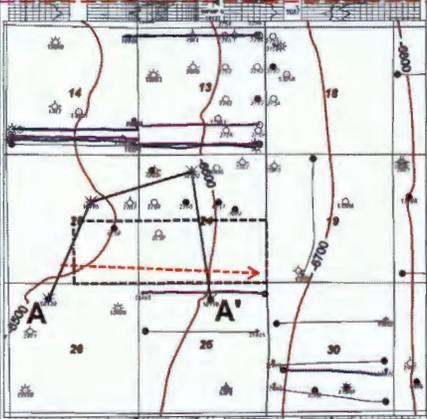
WFMP SDs



-500

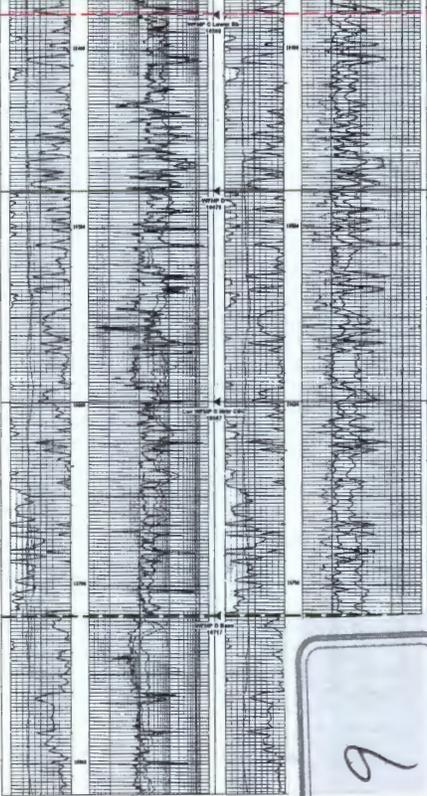
-500

WFMP C

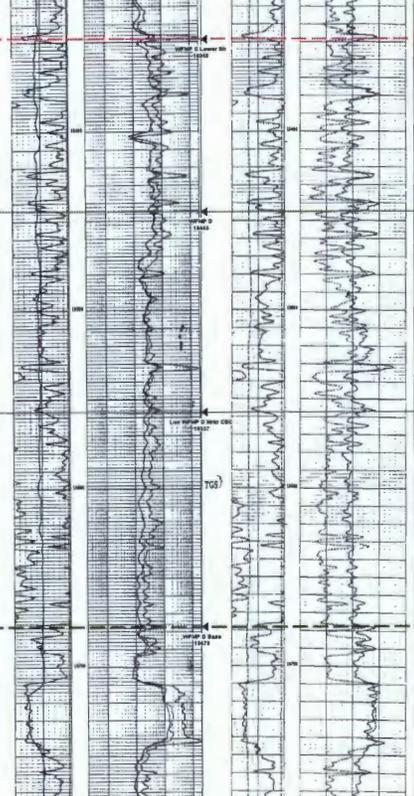


WFMP D

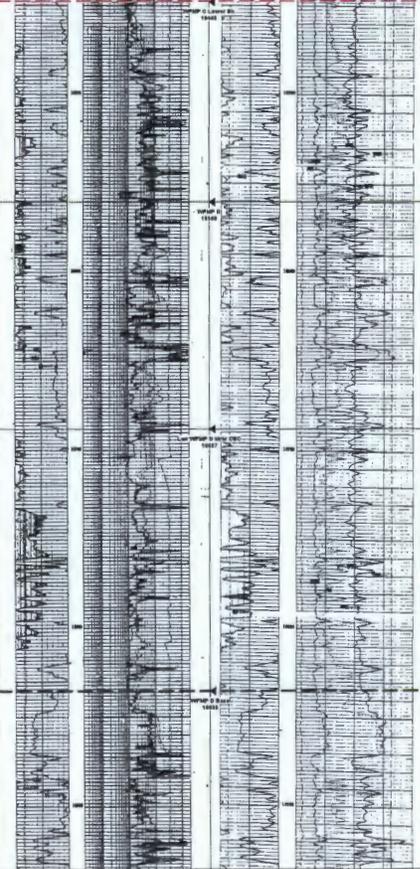
-1000



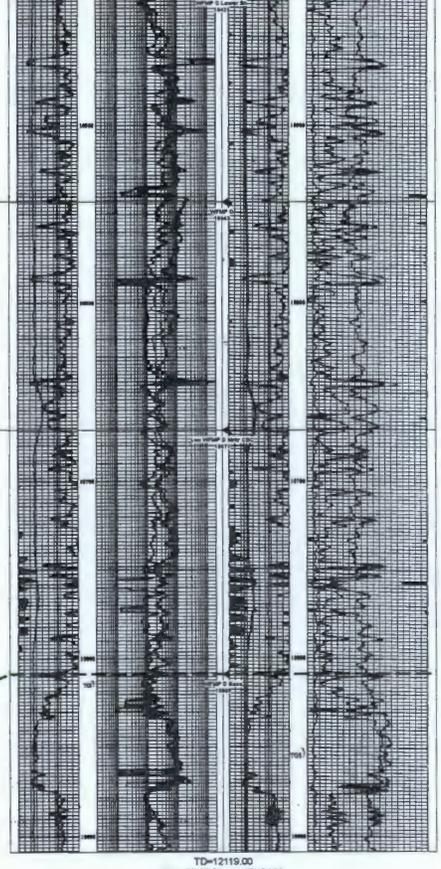
TD=13120.00



TD=13105.00
 Cum Gas All Zones: 1275750 MCF
 Cum Water All Zones: 19451 bbls



TD=12122.00



TD=12116.00
 Cum Oil All Zones: 3513 bbls
 Cum Gas All Zones: 224587 MCF
 Cum Water All Zones: 1288 bbls

-1000

9

EXHIBIT

Queen 23/24 W00P Fed Com 1H
 Cross Section Exhibit (A-A')

Queen 23/24 Horizontal Wolfcamp Productin Table

Well Name	Operator	API	Location	WFMP Comp Date	Cum Oil (Mbo)	Cum Gas (BCF)	Cum Water (mbw)	NS/EW	WFMP Zone
Malaga 30 Federal Com 1H	Mewbourne	3001540287	30IL/24S/29E	10/11/2012	47	0.4	92	EW	WFMP D Shale
Tiger 14 24S 28E RB 224H	Matador	3001542873	14PM/24S/28E	4/4/2015	131	0.4	363	EW	WFMP C Shale
Paul 25 24S 28E RB 221H	Matador	3001543018	25DA/24S/28E	5/17/2016	182	0.4	532	EW	WFMP Sand
Conner Janie 13 24S 28E 224H	Matador	3001543037	13MP/24S/28E	11/22/2015	139	0.7	359	EW	WFMP D Shale
Tiger 14 24S 28E RB 204H	Matador	3001543087	14PM/24S/28E	7/8/2015	238	0.5	637	EW	WFMP Sand
Janie Conner 13 24S 28E 204H	Matador	3001543317	13MP/24S/28E	5/24/2016	163	0.3	482	EW	WFMP Sand
Janie Conner 13 24S 28E 201H	Matador	3001543463	13DA/24S/28E	8/18/2016	104	0.2	341	EW	WFMP Sand
Tiger 14 24S 28E RB 227H	Matador	3001543505	14IL/24S/28E	5/31/2016	57	0.7	245	EW	WFMP D Shale
Janie Conner 13 24S 28E 207H	Matador	3001543615	14LI/24S/28E	5/31/2016	127	0.3	373	EW	WFMP Sand
Janie Conner 13 24S 28E 221H	Matador	3001543756	13DA/24S/28E	8/19/2016	100	1.04	259	EW	WFMP D Shale

EXHIBIT
10

Mewbourne Oil Company

Eddy County, New Mexico

Queen 23/24 W00P Fed Com #1H

Sec 23, T24S, R28E

SL: 750' FSL & 2175' FEL, Sec 23

BHL: 450' FSL & 330' FEL, Sec 24

Plan: Design #1

Standard Planning Report

06 April, 2017

EXHIBIT

10

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W00P Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB @ 2974.0usft
Project:	Eddy County, New Mexico	MD Reference:	KB @ 2974.0usft
Site:	Queen 23/24 W00P Fed Com #1H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 450' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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

Site Queen 23/24 W00P Fed Com #1H			
Site Position:		Northing:	435,819.00 usft
From:	Map	Easting:	584,775.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 11' 52.391 N
		Longitude:	104° 3' 33.376 W
		Grid Convergence:	0.15 °

Well Sec 23, T24S, R28E			
Well Position	+N/-S	0.0 usft	Northing: 435,819.00 usft
	+E/-W	0.0 usft	Easting: 584,775.00 usft
Position Uncertainty		0.0 usft	Wellhead Elevation: 2,982.0 usft
			Latitude: 32° 11' 52.391 N
			Longitude: 104° 3' 33.376 W
			Ground Level: 2,955.0 usft

Wellbore BHL: 450' FSL & 330' FEL, Sec 24					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/21/2016	7.14	59.95	48,009

Design Design #1				
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	92.39

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	
9,139.5	0.00	0.00	9,139.5	0.0	0.0	0.00	0.00	0.00	0.00	KOP @ 9140'
9,898.2	91.04	115.89	9,616.9	-212.2	437.3	12.00	12.00	0.00	115.89	
10,329.5	88.94	90.26	9,617.0	-309.0	854.0	5.96	-0.49	-5.94	-94.60	LP/FTP: 450' FSL & 2
17,701.9	88.94	90.26	9,753.0	-343.0	8,225.0	0.00	0.00	0.00	0.00	BHL: 450' FSL & 330'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W00P Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB @ 2974.0usft
Project:	Eddy County, New Mexico	MD Reference:	KB @ 2974.0usft
Site:	Queen 23/24 W00P Fed Com #1H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 450' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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
SL: 750' FSL & 2175' FWL, Sec 23									
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
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W00P Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB @ 2974.0usft
Project:	Eddy County, New Mexico	MD Reference:	KB @ 2974.0usft
Site:	Queen 23/24 W00P Fed Com #1H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 450' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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)	
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,139.5	0.00	0.00	9,139.5	0.0	0.0	0.0	0.00	0.00	0.00	
KOP @ 9140'										
9,200.0	7.26	115.89	9,199.8	-1.7	3.4	3.5	12.00	12.00	0.00	
9,300.0	19.26	115.89	9,297.0	-11.7	24.0	24.5	12.00	12.00	0.00	
9,400.0	31.26	115.89	9,387.3	-30.3	62.3	63.6	12.00	12.00	0.00	
9,500.0	43.26	115.89	9,466.7	-56.6	116.7	119.0	12.00	12.00	0.00	
9,600.0	55.26	115.89	9,531.9	-89.7	184.7	188.3	12.00	12.00	0.00	
9,700.0	67.26	115.89	9,579.9	-127.9	263.5	268.6	12.00	12.00	0.00	
9,800.0	79.26	115.89	9,608.6	-169.6	349.5	356.2	12.00	12.00	0.00	
9,898.2	91.04	115.89	9,616.9	-212.2	437.3	445.8	12.00	12.00	0.00	
9,900.0	91.03	115.78	9,616.9	-213.0	439.0	447.5	5.96	-0.48	-5.94	
10,000.0	90.55	109.84	9,615.5	-251.8	531.1	541.1	5.96	-0.48	-5.94	
10,100.0	90.06	103.90	9,615.0	-280.8	626.8	637.9	5.96	-0.49	-5.94	
10,200.0	89.57	97.96	9,615.3	-299.7	724.9	736.8	5.96	-0.49	-5.94	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W00P Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB @ 2974.0usft
Project:	Eddy County, New Mexico	MD Reference:	KB @ 2974.0usft
Site:	Queen 23/24 W00P Fed Com #1H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 450' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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)
10,300.0	89.08	92.02	9,616.5	-308.4	824.5	836.6	5.96	-0.48	-5.94
10,329.5	88.94	90.26	9,617.0	-309.0	854.0	866.1	5.96	-0.48	-5.94
LP/FTP: 450' FSL & 2350' FEL, Sec 23									
10,400.0	88.94	90.26	9,618.3	-309.3	924.4	936.5	0.00	0.00	0.00
10,500.0	88.94	90.26	9,620.1	-309.8	1,024.4	1,036.4	0.00	0.00	0.00
10,600.0	88.94	90.26	9,622.0	-310.2	1,124.4	1,136.4	0.00	0.00	0.00
10,700.0	88.94	90.26	9,623.8	-310.7	1,224.4	1,236.3	0.00	0.00	0.00
10,800.0	88.94	90.26	9,625.7	-311.2	1,324.4	1,336.2	0.00	0.00	0.00
10,900.0	88.94	90.26	9,627.5	-311.6	1,424.3	1,436.1	0.00	0.00	0.00
11,000.0	88.94	90.26	9,629.4	-312.1	1,524.3	1,536.0	0.00	0.00	0.00
11,100.0	88.94	90.26	9,631.2	-312.6	1,624.3	1,635.9	0.00	0.00	0.00
11,200.0	88.94	90.26	9,633.1	-313.0	1,724.3	1,735.8	0.00	0.00	0.00
11,300.0	88.94	90.26	9,634.9	-313.5	1,824.3	1,835.8	0.00	0.00	0.00
11,400.0	88.94	90.26	9,636.7	-313.9	1,924.3	1,935.7	0.00	0.00	0.00
11,500.0	88.94	90.26	9,638.6	-314.4	2,024.2	2,035.6	0.00	0.00	0.00
11,600.0	88.94	90.26	9,640.4	-314.9	2,124.2	2,135.5	0.00	0.00	0.00
11,700.0	88.94	90.26	9,642.3	-315.3	2,224.2	2,235.4	0.00	0.00	0.00
11,800.0	88.94	90.26	9,644.1	-315.8	2,324.2	2,335.3	0.00	0.00	0.00
11,900.0	88.94	90.26	9,646.0	-316.2	2,424.2	2,435.2	0.00	0.00	0.00
12,000.0	88.94	90.26	9,647.8	-316.7	2,524.1	2,535.2	0.00	0.00	0.00
12,100.0	88.94	90.26	9,649.7	-317.2	2,624.1	2,635.1	0.00	0.00	0.00
12,200.0	88.94	90.26	9,651.5	-317.6	2,724.1	2,735.0	0.00	0.00	0.00
12,300.0	88.94	90.26	9,653.3	-318.1	2,824.1	2,834.9	0.00	0.00	0.00
12,400.0	88.94	90.26	9,655.2	-318.5	2,924.1	2,934.8	0.00	0.00	0.00
12,500.0	88.94	90.26	9,657.0	-319.0	3,024.1	3,034.7	0.00	0.00	0.00
12,600.0	88.94	90.26	9,658.9	-319.5	3,124.0	3,134.6	0.00	0.00	0.00
12,700.0	88.94	90.26	9,660.7	-319.9	3,224.0	3,234.6	0.00	0.00	0.00
12,800.0	88.94	90.26	9,662.6	-320.4	3,324.0	3,334.5	0.00	0.00	0.00
12,900.0	88.94	90.26	9,664.4	-320.9	3,424.0	3,434.4	0.00	0.00	0.00
13,000.0	88.94	90.26	9,666.3	-321.3	3,524.0	3,534.3	0.00	0.00	0.00
13,100.0	88.94	90.26	9,668.1	-321.8	3,623.9	3,634.2	0.00	0.00	0.00
13,200.0	88.94	90.26	9,670.0	-322.2	3,723.9	3,734.1	0.00	0.00	0.00
13,300.0	88.94	90.26	9,671.8	-322.7	3,823.9	3,834.0	0.00	0.00	0.00
13,400.0	88.94	90.26	9,673.6	-323.2	3,923.9	3,934.0	0.00	0.00	0.00
13,500.0	88.94	90.26	9,675.5	-323.6	4,023.9	4,033.9	0.00	0.00	0.00
13,600.0	88.94	90.26	9,677.3	-324.1	4,123.9	4,133.8	0.00	0.00	0.00
13,700.0	88.94	90.26	9,679.2	-324.5	4,223.8	4,233.7	0.00	0.00	0.00
13,800.0	88.94	90.26	9,681.0	-325.0	4,323.8	4,333.6	0.00	0.00	0.00
13,900.0	88.94	90.26	9,682.9	-325.5	4,423.8	4,433.5	0.00	0.00	0.00
14,000.0	88.94	90.26	9,684.7	-325.9	4,523.8	4,533.4	0.00	0.00	0.00
14,100.0	88.94	90.26	9,686.6	-326.4	4,623.8	4,633.4	0.00	0.00	0.00
14,200.0	88.94	90.26	9,688.4	-326.8	4,723.8	4,733.3	0.00	0.00	0.00
14,300.0	88.94	90.26	9,690.2	-327.3	4,823.7	4,833.2	0.00	0.00	0.00
14,400.0	88.94	90.26	9,692.1	-327.8	4,923.7	4,933.1	0.00	0.00	0.00
14,500.0	88.94	90.26	9,693.9	-328.2	5,023.7	5,033.0	0.00	0.00	0.00
14,600.0	88.94	90.26	9,695.8	-328.7	5,123.7	5,132.9	0.00	0.00	0.00
14,700.0	88.94	90.26	9,697.6	-329.2	5,223.7	5,232.8	0.00	0.00	0.00
14,800.0	88.94	90.26	9,699.5	-329.6	5,323.6	5,332.8	0.00	0.00	0.00
14,900.0	88.94	90.26	9,701.3	-330.1	5,423.6	5,432.7	0.00	0.00	0.00
15,000.0	88.94	90.26	9,703.2	-330.5	5,523.6	5,532.6	0.00	0.00	0.00
15,100.0	88.94	90.26	9,705.0	-331.0	5,623.6	5,632.5	0.00	0.00	0.00
15,200.0	88.94	90.26	9,706.8	-331.5	5,723.6	5,732.4	0.00	0.00	0.00
15,300.0	88.94	90.26	9,708.7	-331.9	5,823.6	5,832.3	0.00	0.00	0.00
15,400.0	88.94	90.26	9,710.5	-332.4	5,923.5	5,932.2	0.00	0.00	0.00

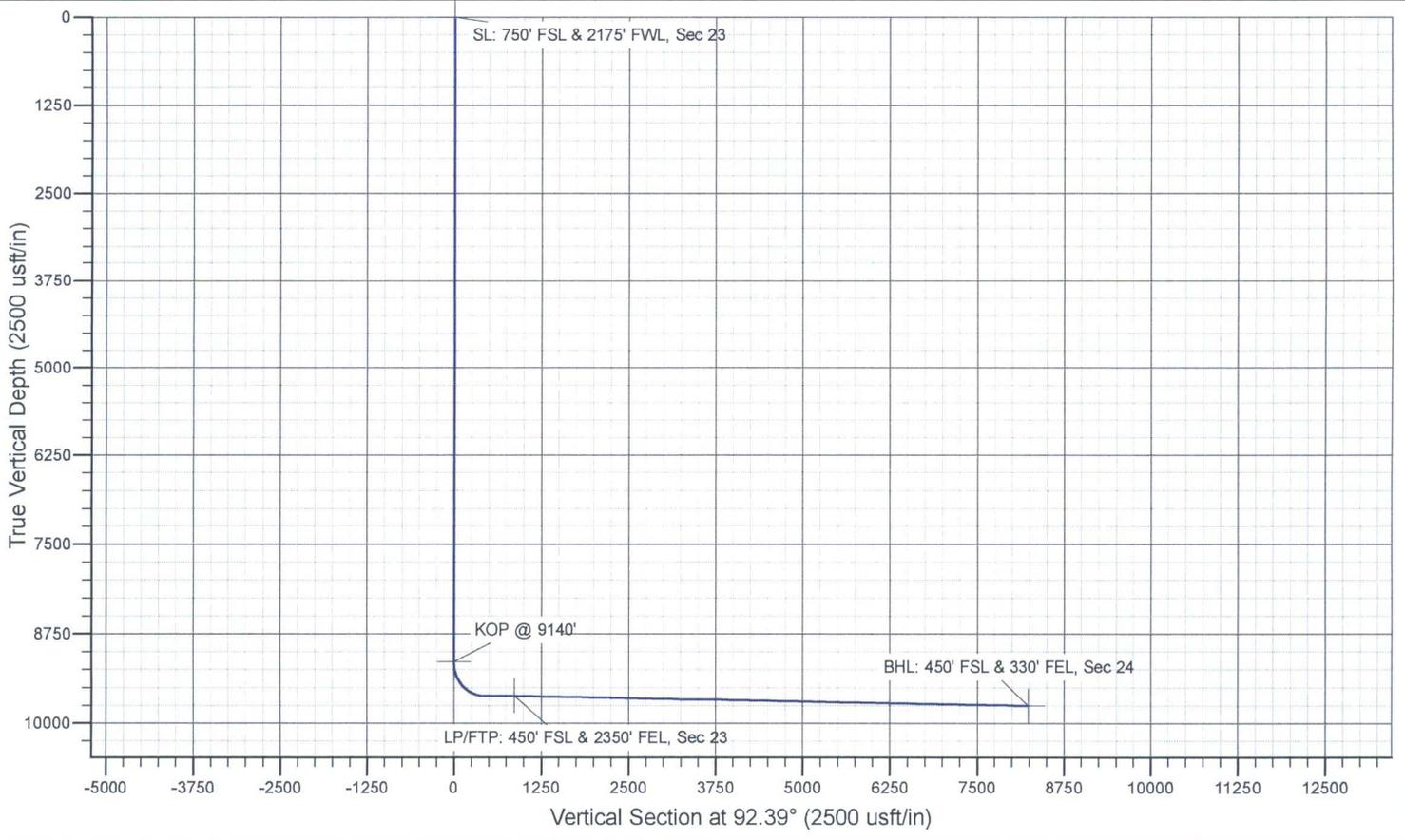
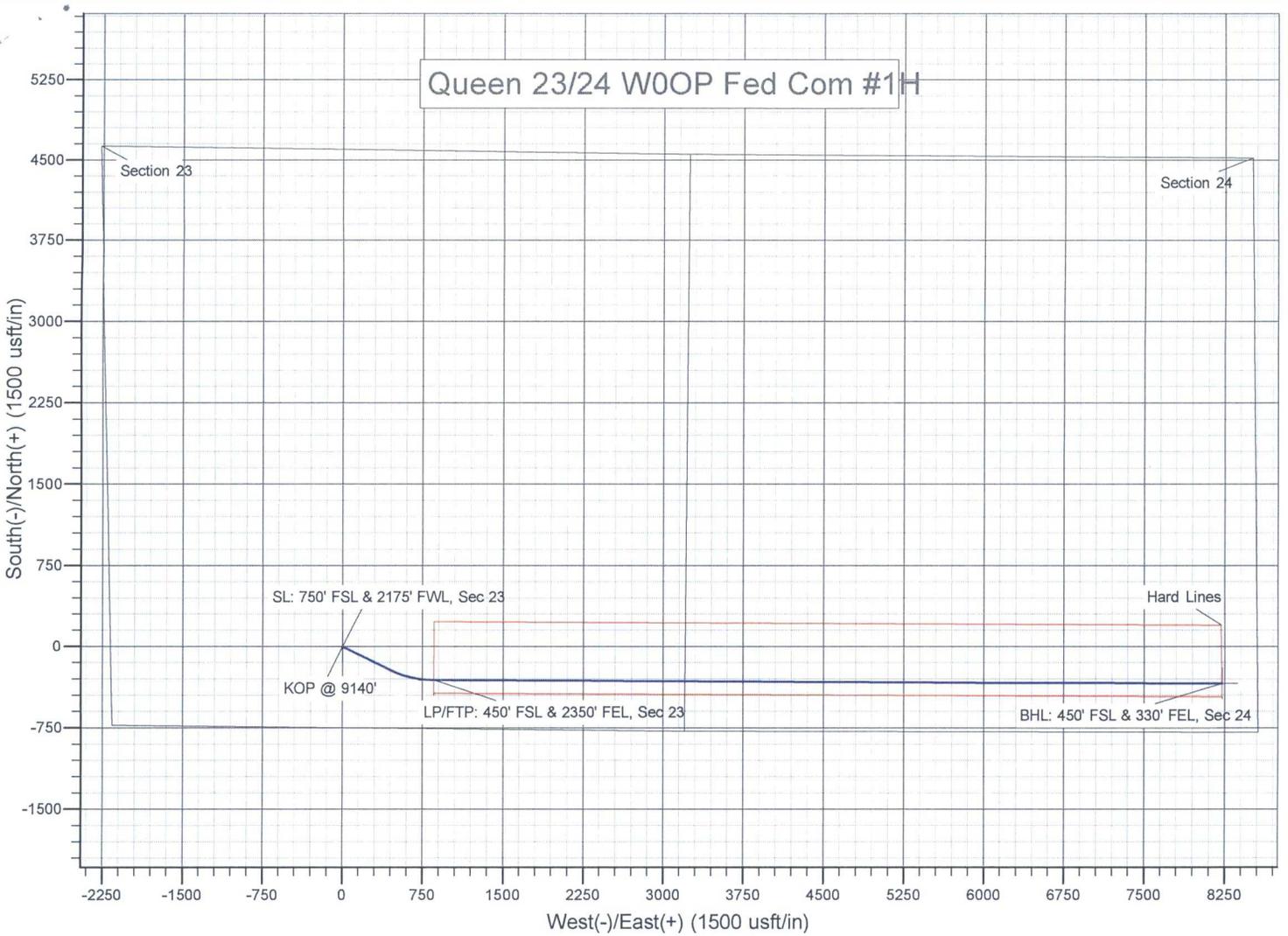
Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W00P Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB @ 2974.0usft
Project:	Eddy County, New Mexico	MD Reference:	KB @ 2974.0usft
Site:	Queen 23/24 W00P Fed Com #1H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 450' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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)	
15,500.0	88.94	90.26	9,712.4	-332.8	6,023.5	6,032.2	0.00	0.00	0.00	
15,600.0	88.94	90.26	9,714.2	-333.3	6,123.5	6,132.1	0.00	0.00	0.00	
15,700.0	88.94	90.26	9,716.1	-333.8	6,223.5	6,232.0	0.00	0.00	0.00	
15,800.0	88.94	90.26	9,717.9	-334.2	6,323.5	6,331.9	0.00	0.00	0.00	
15,900.0	88.94	90.26	9,719.8	-334.7	6,423.4	6,431.8	0.00	0.00	0.00	
16,000.0	88.94	90.26	9,721.6	-335.2	6,523.4	6,531.7	0.00	0.00	0.00	
16,100.0	88.94	90.26	9,723.4	-335.6	6,623.4	6,631.6	0.00	0.00	0.00	
16,200.0	88.94	90.26	9,725.3	-336.1	6,723.4	6,731.6	0.00	0.00	0.00	
16,300.0	88.94	90.26	9,727.1	-336.5	6,823.4	6,831.5	0.00	0.00	0.00	
16,400.0	88.94	90.26	9,729.0	-337.0	6,923.4	6,931.4	0.00	0.00	0.00	
16,500.0	88.94	90.26	9,730.8	-337.5	7,023.3	7,031.3	0.00	0.00	0.00	
16,600.0	88.94	90.26	9,732.7	-337.9	7,123.3	7,131.2	0.00	0.00	0.00	
16,700.0	88.94	90.26	9,734.5	-338.4	7,223.3	7,231.1	0.00	0.00	0.00	
16,800.0	88.94	90.26	9,736.4	-338.8	7,323.3	7,331.0	0.00	0.00	0.00	
16,900.0	88.94	90.26	9,738.2	-339.3	7,423.3	7,431.0	0.00	0.00	0.00	
17,000.0	88.94	90.26	9,740.1	-339.8	7,523.2	7,530.9	0.00	0.00	0.00	
17,100.0	88.94	90.26	9,741.9	-340.2	7,623.2	7,630.8	0.00	0.00	0.00	
17,200.0	88.94	90.26	9,743.7	-340.7	7,723.2	7,730.7	0.00	0.00	0.00	
17,300.0	88.94	90.26	9,745.6	-341.1	7,823.2	7,830.6	0.00	0.00	0.00	
17,400.0	88.94	90.26	9,747.4	-341.6	7,923.2	7,930.5	0.00	0.00	0.00	
17,500.0	88.94	90.26	9,749.3	-342.1	8,023.2	8,030.4	0.00	0.00	0.00	
17,600.0	88.94	90.26	9,751.1	-342.5	8,123.1	8,130.4	0.00	0.00	0.00	
17,700.0	88.94	90.26	9,753.0	-343.0	8,223.1	8,230.3	0.00	0.00	0.00	
17,701.9	88.94	90.26	9,753.0	-343.0	8,225.0	8,232.1	0.00	0.00	0.00	
BHL: 450' FSL & 330' FEL, Sec 24										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
SL: 750' FSL & 2175' FV - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	435,819.00	584,775.00	32° 11' 52.391 N	104° 3' 33.376 W	
KOP @ 9140' - plan hits target center - Point	0.00	0.00	9,139.5	0.0	0.0	435,819.00	584,775.00	32° 11' 52.391 N	104° 3' 33.376 W	
LP/FTP: 450' FSL & 235 - plan hits target center - Point	0.00	0.00	9,617.0	-309.0	854.0	435,510.00	585,629.00	32° 11' 49.312 N	104° 3' 23.446 W	
BHL: 450' FSL & 330' FE - plan hits target center - Point	0.00	0.00	9,753.0	-343.0	8,225.0	435,476.00	593,000.00	32° 11' 48.780 N	104° 1' 57.665 W	

Queen 23/24 W00P Fed Com #1H



A
W

3001525708000
4379 R
POGO PRODUCING CO
IMC 1
Datum=2966.00
860 FNL 1650 FWL
TWP: 24 S - Range: 28 E - Sec. 25

3001523422000
4386 R
MADDOX ENERGY CORP
GUITAR EARL 1
Datum=2975.00
1980 FNL 1980 FEL
TWP: 24 S - Range: 28 E - Sec. 23

3001526453000
5364 R
DINERO OPERATING CO
FEDERAL 24 COM 1
Datum=2987.00
710 FNL 2210 FWL
TWP: 24 S - Range: 28 E - Sec. 24

3001524522000
HNG OIL COMPANY
CRAFT 25 COM 1
Datum=2937.00
860 FNL 2310 FEL
TWP: 24 S - Range: 28 E - Sec. 25

A'
E

26C

23G

24C

25B

0 Top WFMP

WFMP SDs

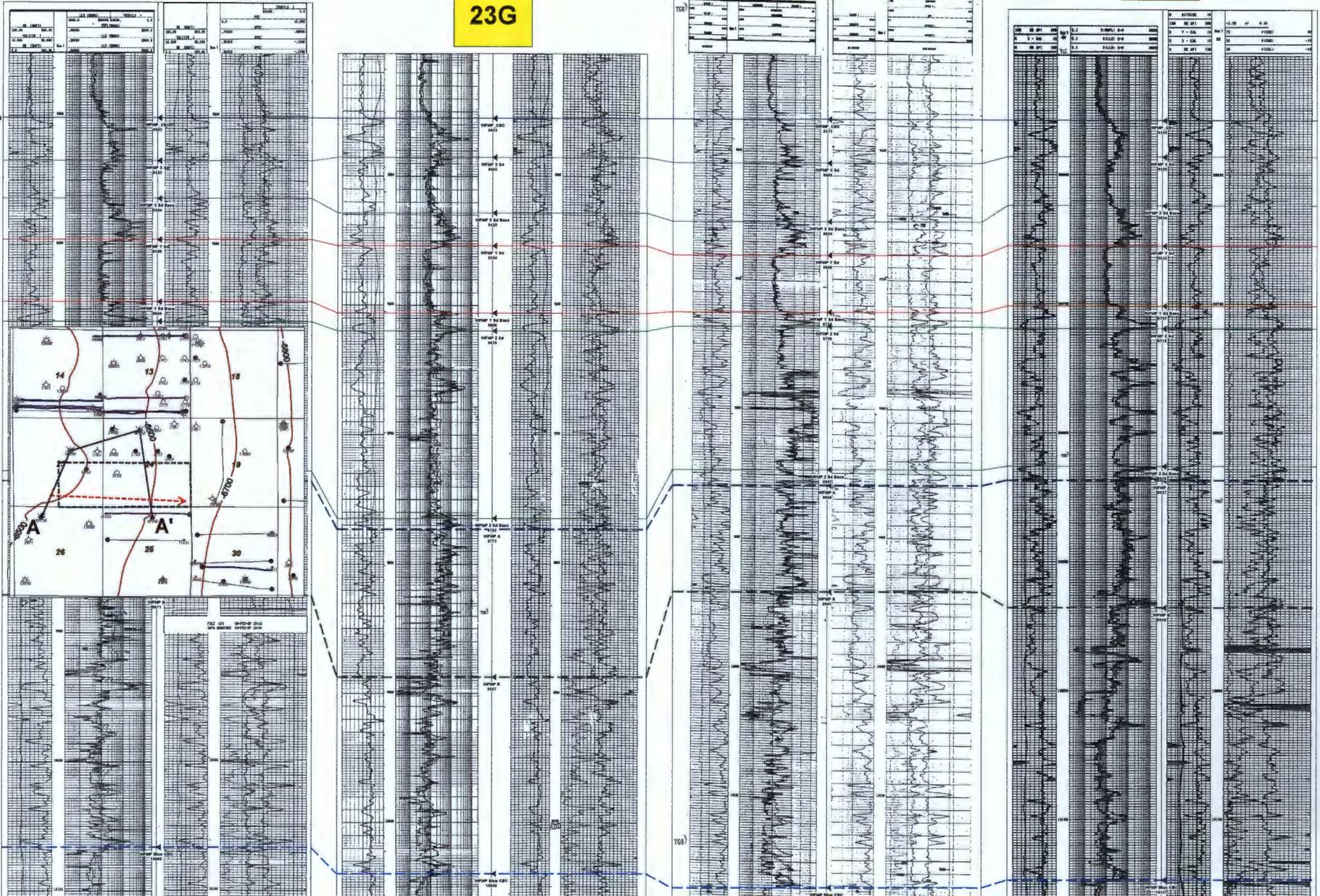
WFMP A

WFMP B

-500

0

-500



WFMP D
-1000

Queen 23/24 W2OP Fed Com 2H

EXHIBIT
13

TD=13120.00

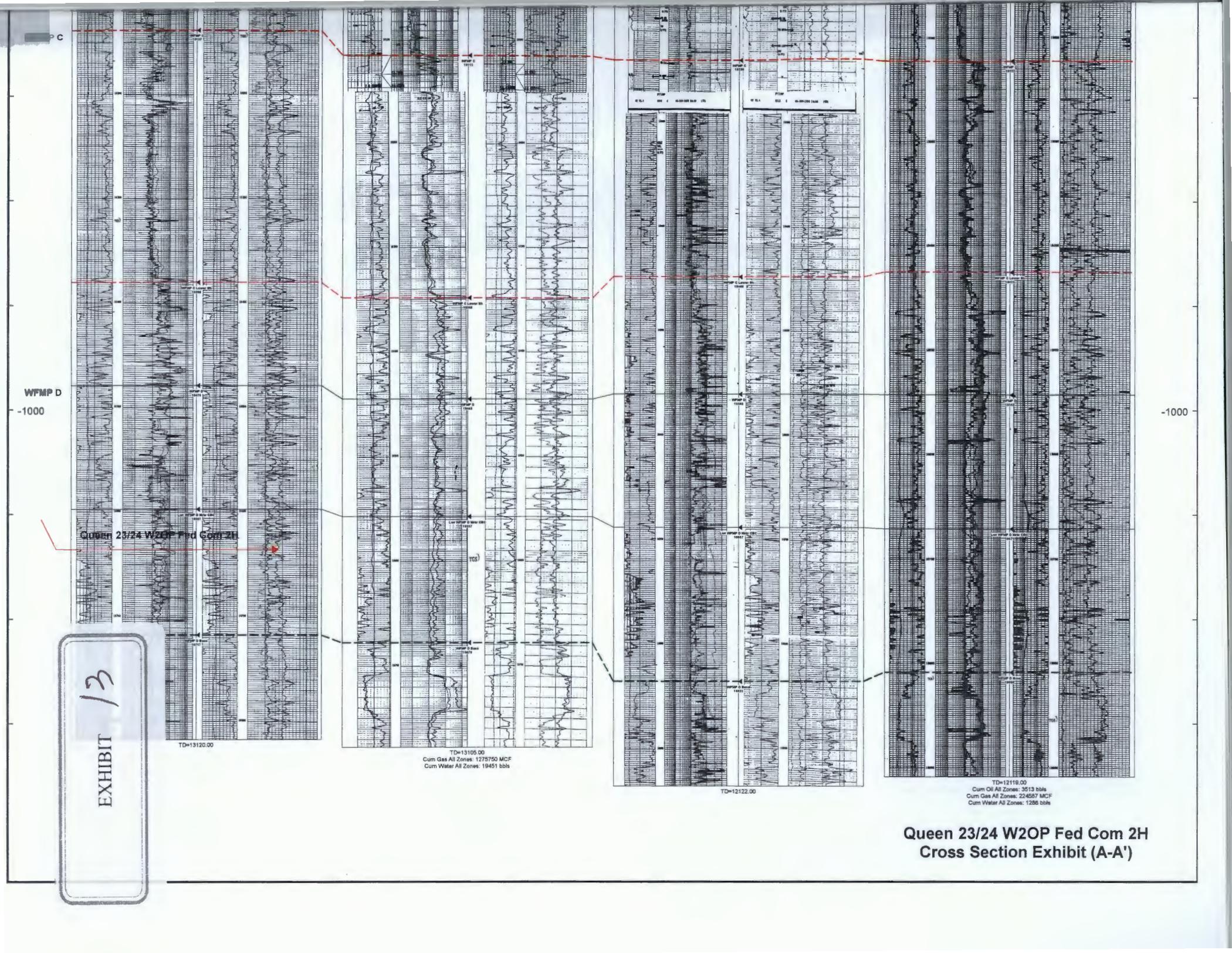
TD=13105.00
Cum Gas All Zones: 1275750 MCF
Cum Water All Zones: 19451 bbls

TD=12122.00

TD=12116.00
Cum Oil All Zones: 3513 bbls
Cum Gas All Zones: 224567 MCF
Cum Water All Zones: 1288 bbls

-1000

Queen 23/24 W2OP Fed Com 2H
Cross Section Exhibit (A-A')



Queen 23/24 Horizontal Wolfcamp Productin Table

Well Name	Operator	API	Location	WFMP Comp Date	Cum Oil (Mbo)	Cum Gas (BCF)	Cum Water (mbw)	NS/EW	WFMP Zone
Malaga 30 Federal Com 1H	Mewbourne	3001540287	30IL/24S/29E	10/11/2012	47	0.4	92	EW	WFMP D Shale
Tiger 14 24S 28E RB 224H	Matador	3001542873	14PM/24S/28E	4/4/2015	131	0.4	363	EW	WFMP C Shale
Paul 25 24S 28E RB 221H	Matador	3001543018	25DA/24S/28E	5/17/2016	182	0.4	532	EW	WFMP Sand
Conner Janie 13 24S 28E 224H	Matador	3001543037	13MP/24S/28E	11/22/2015	139	0.7	359	EW	WFMP D Shale
Tiger 14 24S 28E RB 204H	Matador	3001543087	14PM/24S/28E	7/8/2015	238	0.5	637	EW	WFMP Sand
Janie Conner 13 24S 28E 204H	Matador	3001543317	13MP/24S/28E	5/24/2016	163	0.3	482	EW	WFMP Sand
Janie Conner 13 24S 28E 201H	Matador	3001543463	13DA/24S/28E	8/18/2016	104	0.2	341	EW	WFMP Sand
Tiger 14 24S 28E RB 227H	Matador	3001543505	14IL/24S/28E	5/31/2016	57	0.7	245	EW	WFMP D Shale
Janie Conner 13 24S 28E 207H	Matador	3001543615	14LI/24S/28E	5/31/2016	127	0.3	373	EW	WFMP Sand
Janie Conner 13 24S 28E 221H	Matador	3001543756	13DA/24S/28E	8/19/2016	100	1.04	259	EW	WFMP D Shale

EXHIBIT
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Mewbourne Oil Company

Eddy County, New Mexico

Queen 23/24 W2OP Fed Com #2H

Sec 23, T24S, R28E

SL: 690' FSL & 2175' FWL, Sec 23

BHL: 330' FSL & 330' FEL, Sec 24

Plan: Design #1

Standard Planning Report

06 April, 2017



Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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

Site Queen 23/24 W2OP Fed Com #2H			
Site Position:		Northing:	435,759.00 usft
From:	Map	Easting:	584,776.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 11' 51.798 N
		Longitude:	104° 3' 33.366 W
		Grid Convergence:	0.15 °

Well Sec 23, T24S, R28E			
Well Position	+N/-S	0.0 usft	Northing: 435,759.00 usft
	+E/-W	0.0 usft	Easting: 584,776.00 usft
Position Uncertainty		0.0 usft	Wellhead Elevation: 2,982.0 usft
			Ground Level: 2,955.0 usft

Wellbore BHL: 330' FSL & 330' FEL, Sec 24					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.97	60.13	48,725

Design Design #1				
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	92.81

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	
10,059.0	0.00	0.00	10,059.0	0.0	0.0	0.00	0.00	0.00	0.00	KOP @ 10059'
10,971.9	91.28	118.71	10,631.9	-281.4	513.8	10.00	10.00	0.00	118.71	
11,325.9	88.67	90.26	10,632.0	-369.0	853.0	8.07	-0.74	-8.03	-95.14	LP/FTP: 330' FSL & 2
18,699.9	88.67	90.26	10,803.0	-403.0	8,225.0	0.00	0.00	0.00	0.00	BHL: 330' FSL & 330'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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	
SL: 690' FSL & 2175' FWL, Sec 23										
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	
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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)	
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
10,000.0	0.00	0.00	10,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
10,059.0	0.00	0.00	10,059.0	0.0	0.0	0.0	0.00	0.00	0.00	
KOP @ 10059'										
10,100.0	4.10	118.71	10,100.0	-0.7	1.3	1.3	10.00	10.00	0.00	
10,200.0	14.10	118.71	10,198.6	-8.3	15.1	15.5	10.00	10.00	0.00	
10,300.0	24.10	118.71	10,293.0	-24.0	43.8	44.9	10.00	10.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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)	
10,400.0	34.10	118.71	10,380.2	-47.3	86.4	88.6	10.00	10.00	0.00	
10,500.0	44.10	118.71	10,457.7	-77.6	141.6	145.3	10.00	10.00	0.00	
10,600.0	54.10	118.71	10,523.1	-113.8	207.8	213.2	10.00	10.00	0.00	
10,700.0	64.10	118.71	10,574.4	-155.0	283.0	290.2	10.00	10.00	0.00	
10,800.0	74.10	118.71	10,610.1	-199.8	364.8	374.2	10.00	10.00	0.00	
10,900.0	84.10	118.71	10,629.0	-246.9	450.8	462.4	10.00	10.00	0.00	
10,971.9	91.28	118.71	10,631.9	-281.4	513.8	526.9	10.00	10.00	0.00	
11,000.0	91.08	116.45	10,631.3	-294.4	538.7	552.5	8.07	-0.73	-8.04	
11,100.0	90.34	108.41	10,630.0	-332.5	631.1	646.6	8.07	-0.74	-8.03	
11,200.0	89.60	100.38	10,630.1	-357.3	727.8	744.5	8.07	-0.74	-8.03	
11,300.0	88.86	92.34	10,631.4	-368.4	827.1	844.2	8.07	-0.74	-8.03	
11,325.9	88.67	90.26	10,632.0	-369.0	853.0	870.0	8.07	-0.72	-8.04	
LP/FTP: 330' FSL & 2350' FEL, Sec 23										
11,400.0	88.67	90.26	10,633.7	-369.3	927.1	944.1	0.00	0.00	0.00	
11,500.0	88.67	90.26	10,636.0	-369.8	1,027.1	1,043.9	0.00	0.00	0.00	
11,600.0	88.67	90.26	10,638.4	-370.3	1,127.1	1,143.8	0.00	0.00	0.00	
11,700.0	88.67	90.26	10,640.7	-370.7	1,227.0	1,243.7	0.00	0.00	0.00	
11,800.0	88.67	90.26	10,643.0	-371.2	1,327.0	1,343.6	0.00	0.00	0.00	
11,900.0	88.67	90.26	10,645.3	-371.6	1,427.0	1,443.4	0.00	0.00	0.00	
12,000.0	88.67	90.26	10,647.6	-372.1	1,526.9	1,543.3	0.00	0.00	0.00	
12,100.0	88.67	90.26	10,650.0	-372.6	1,626.9	1,643.2	0.00	0.00	0.00	
12,200.0	88.67	90.26	10,652.3	-373.0	1,726.9	1,743.1	0.00	0.00	0.00	
12,300.0	88.67	90.26	10,654.6	-373.5	1,826.9	1,842.9	0.00	0.00	0.00	
12,400.0	88.67	90.26	10,656.9	-374.0	1,926.8	1,942.8	0.00	0.00	0.00	
12,500.0	88.67	90.26	10,659.2	-374.4	2,026.8	2,042.7	0.00	0.00	0.00	
12,600.0	88.67	90.26	10,661.5	-374.9	2,126.8	2,142.6	0.00	0.00	0.00	
12,700.0	88.67	90.26	10,663.9	-375.3	2,226.7	2,242.4	0.00	0.00	0.00	
12,800.0	88.67	90.26	10,666.2	-375.8	2,326.7	2,342.3	0.00	0.00	0.00	
12,900.0	88.67	90.26	10,668.5	-376.3	2,426.7	2,442.2	0.00	0.00	0.00	
13,000.0	88.67	90.26	10,670.8	-376.7	2,526.7	2,542.1	0.00	0.00	0.00	
13,100.0	88.67	90.26	10,673.1	-377.2	2,626.6	2,641.9	0.00	0.00	0.00	
13,200.0	88.67	90.26	10,675.5	-377.6	2,726.6	2,741.8	0.00	0.00	0.00	
13,300.0	88.67	90.26	10,677.8	-378.1	2,826.6	2,841.7	0.00	0.00	0.00	
13,400.0	88.67	90.26	10,680.1	-378.6	2,926.5	2,941.6	0.00	0.00	0.00	
13,500.0	88.67	90.26	10,682.4	-379.0	3,026.5	3,041.4	0.00	0.00	0.00	
13,600.0	88.67	90.26	10,684.7	-379.5	3,126.5	3,141.3	0.00	0.00	0.00	
13,700.0	88.67	90.26	10,687.1	-379.9	3,226.5	3,241.2	0.00	0.00	0.00	
13,800.0	88.67	90.26	10,689.4	-380.4	3,326.4	3,341.1	0.00	0.00	0.00	
13,900.0	88.67	90.26	10,691.7	-380.9	3,426.4	3,440.9	0.00	0.00	0.00	
14,000.0	88.67	90.26	10,694.0	-381.3	3,526.4	3,540.8	0.00	0.00	0.00	
14,100.0	88.67	90.26	10,696.3	-381.8	3,626.4	3,640.7	0.00	0.00	0.00	
14,200.0	88.67	90.26	10,698.6	-382.3	3,726.3	3,740.6	0.00	0.00	0.00	
14,300.0	88.67	90.26	10,701.0	-382.7	3,826.3	3,840.4	0.00	0.00	0.00	
14,400.0	88.67	90.26	10,703.3	-383.2	3,926.3	3,940.3	0.00	0.00	0.00	
14,500.0	88.67	90.26	10,705.6	-383.6	4,026.2	4,040.2	0.00	0.00	0.00	
14,600.0	88.67	90.26	10,707.9	-384.1	4,126.2	4,140.1	0.00	0.00	0.00	
14,700.0	88.67	90.26	10,710.2	-384.6	4,226.2	4,239.9	0.00	0.00	0.00	
14,800.0	88.67	90.26	10,712.6	-385.0	4,326.2	4,339.8	0.00	0.00	0.00	
14,900.0	88.67	90.26	10,714.9	-385.5	4,426.1	4,439.7	0.00	0.00	0.00	
15,000.0	88.67	90.26	10,717.2	-385.9	4,526.1	4,539.6	0.00	0.00	0.00	
15,100.0	88.67	90.26	10,719.5	-386.4	4,626.1	4,639.4	0.00	0.00	0.00	
15,200.0	88.67	90.26	10,721.8	-386.9	4,726.0	4,739.3	0.00	0.00	0.00	
15,300.0	88.67	90.26	10,724.2	-387.3	4,826.0	4,839.2	0.00	0.00	0.00	
15,400.0	88.67	90.26	10,726.5	-387.8	4,926.0	4,939.1	0.00	0.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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)	
15,500.0	88.67	90.26	10,728.8	-388.2	5,026.0	5,038.9	0.00	0.00	0.00	
15,600.0	88.67	90.26	10,731.1	-388.7	5,125.9	5,138.8	0.00	0.00	0.00	
15,700.0	88.67	90.26	10,733.4	-389.2	5,225.9	5,238.7	0.00	0.00	0.00	
15,800.0	88.67	90.26	10,735.8	-389.6	5,325.9	5,338.6	0.00	0.00	0.00	
15,900.0	88.67	90.26	10,738.1	-390.1	5,425.8	5,438.4	0.00	0.00	0.00	
16,000.0	88.67	90.26	10,740.4	-390.6	5,525.8	5,538.3	0.00	0.00	0.00	
16,100.0	88.67	90.26	10,742.7	-391.0	5,625.8	5,638.2	0.00	0.00	0.00	
16,200.0	88.67	90.26	10,745.0	-391.5	5,725.8	5,738.1	0.00	0.00	0.00	
16,300.0	88.67	90.26	10,747.3	-391.9	5,825.7	5,837.9	0.00	0.00	0.00	
16,400.0	88.67	90.26	10,749.7	-392.4	5,925.7	5,937.8	0.00	0.00	0.00	
16,500.0	88.67	90.26	10,752.0	-392.9	6,025.7	6,037.7	0.00	0.00	0.00	
16,600.0	88.67	90.26	10,754.3	-393.3	6,125.7	6,137.6	0.00	0.00	0.00	
16,700.0	88.67	90.26	10,756.6	-393.8	6,225.6	6,237.4	0.00	0.00	0.00	
16,800.0	88.67	90.26	10,758.9	-394.2	6,325.6	6,337.3	0.00	0.00	0.00	
16,900.0	88.67	90.26	10,761.3	-394.7	6,425.6	6,437.2	0.00	0.00	0.00	
17,000.0	88.67	90.26	10,763.6	-395.2	6,525.5	6,537.1	0.00	0.00	0.00	
17,100.0	88.67	90.26	10,765.9	-395.6	6,625.5	6,636.9	0.00	0.00	0.00	
17,200.0	88.67	90.26	10,768.2	-396.1	6,725.5	6,736.8	0.00	0.00	0.00	
17,300.0	88.67	90.26	10,770.5	-396.5	6,825.5	6,836.7	0.00	0.00	0.00	
17,400.0	88.67	90.26	10,772.9	-397.0	6,925.4	6,936.6	0.00	0.00	0.00	
17,500.0	88.67	90.26	10,775.2	-397.5	7,025.4	7,036.4	0.00	0.00	0.00	
17,600.0	88.67	90.26	10,777.5	-397.9	7,125.4	7,136.3	0.00	0.00	0.00	
17,700.0	88.67	90.26	10,779.8	-398.4	7,225.3	7,236.2	0.00	0.00	0.00	
17,800.0	88.67	90.26	10,782.1	-398.9	7,325.3	7,336.1	0.00	0.00	0.00	
17,900.0	88.67	90.26	10,784.4	-399.3	7,425.3	7,435.9	0.00	0.00	0.00	
18,000.0	88.67	90.26	10,786.8	-399.8	7,525.3	7,535.8	0.00	0.00	0.00	
18,100.0	88.67	90.26	10,789.1	-400.2	7,625.2	7,635.7	0.00	0.00	0.00	
18,200.0	88.67	90.26	10,791.4	-400.7	7,725.2	7,735.6	0.00	0.00	0.00	
18,300.0	88.67	90.26	10,793.7	-401.2	7,825.2	7,835.4	0.00	0.00	0.00	
18,400.0	88.67	90.26	10,796.0	-401.6	7,925.2	7,935.3	0.00	0.00	0.00	
18,500.0	88.67	90.26	10,798.4	-402.1	8,025.1	8,035.2	0.00	0.00	0.00	
18,600.0	88.67	90.26	10,800.7	-402.5	8,125.1	8,135.1	0.00	0.00	0.00	
18,699.9	88.67	90.26	10,803.0	-403.0	8,225.0	8,234.9	0.00	0.00	0.00	
BHL: 330' FSL & 330' FEL, Sec24										

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SL: 690' FSL & 2175' FV - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	435,759.00	584,776.00	32° 11' 51.798 N	104° 3' 33.366 W
KOP @ 10059' - plan hits target center - Point	0.00	0.00	10,059.0	0.0	0.0	435,759.00	584,776.00	32° 11' 51.798 N	104° 3' 33.366 W
LP/FTP: 330' FSL & 235 - plan hits target center - Point	0.00	0.00	10,632.0	-369.0	853.0	435,390.00	585,629.00	32° 11' 48.124 N	104° 3' 23.450 W
BHL: 330' FSL & 330' FE - plan hits target center - Point	0.00	0.00	10,803.0	-403.0	8,225.0	435,356.00	593,001.00	32° 11' 47.592 N	104° 1' 57.657 W

Mewbourne Oil Company

Eddy County, New Mexico

Queen 23/24 W2OP Fed Com #2H

Sec 23, T24S, R28E

SL: 690' FSL & 2175' FWL, Sec 23

BHL: 330' FSL & 330' FEL, Sec 24

Plan: Design #1

Standard Planning Report

06 April, 2017

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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

Site Queen 23/24 W2OP Fed Com #2H			
Site Position:		Northing:	435,759.00 usft
From:	Map	Easting:	584,776.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 11' 51.798 N
		Longitude:	104° 3' 33.366 W
		Grid Convergence:	0.15 °

Well Sec 23, T24S, R28E			
Well Position	+N/-S	0.0 usft	Northing: 435,759.00 usft
	+E/-W	0.0 usft	Easting: 584,776.00 usft
Position Uncertainty		0.0 usft	Wellhead Elevation: 2,982.0 usft
			Latitude: 32° 11' 51.798 N
			Longitude: 104° 3' 33.366 W
			Ground Level: 2,955.0 usft

Wellbore BHL: 330' FSL & 330' FEL, Sec 24					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.97	60.13	48,725

Design Design #1				
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	92.81

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	
10,059.0	0.00	0.00	10,059.0	0.0	0.0	0.00	0.00	0.00	0.00	KOP @ 10059'
10,971.9	91.28	118.71	10,631.9	-281.4	513.8	10.00	10.00	0.00	118.71	
11,325.9	88.67	90.26	10,632.0	-369.0	853.0	8.07	-0.74	-8.03	-95.14	LP/FTP: 330' FSL & 2
18,699.9	88.67	90.26	10,803.0	-403.0	8,225.0	0.00	0.00	0.00	0.00	BHL: 330' FSL & 330'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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
SL: 690' FSL & 2175' FWL, Sec 23									
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
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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)	
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,600.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,700.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,800.0	0.0	0.0	0.0	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,900.0	0.0	0.0	0.0	0.00	0.00	0.00	
10,000.0	0.00	0.00	10,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
10,059.0	0.00	0.00	10,059.0	0.0	0.0	0.0	0.00	0.00	0.00	
KOP @ 10059'										
10,100.0	4.10	118.71	10,100.0	-0.7	1.3	1.3	10.00	10.00	0.00	
10,200.0	14.10	118.71	10,198.6	-8.3	15.1	15.5	10.00	10.00	0.00	
10,300.0	24.10	118.71	10,293.0	-24.0	43.8	44.9	10.00	10.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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)	
10,400.0	34.10	118.71	10,380.2	-47.3	86.4	88.6	10.00	10.00	0.00	
10,500.0	44.10	118.71	10,457.7	-77.6	141.6	145.3	10.00	10.00	0.00	
10,600.0	54.10	118.71	10,523.1	-113.8	207.8	213.2	10.00	10.00	0.00	
10,700.0	64.10	118.71	10,574.4	-155.0	283.0	290.2	10.00	10.00	0.00	
10,800.0	74.10	118.71	10,610.1	-199.8	364.8	374.2	10.00	10.00	0.00	
10,900.0	84.10	118.71	10,629.0	-246.9	450.8	462.4	10.00	10.00	0.00	
10,971.9	91.28	118.71	10,631.9	-281.4	513.8	526.9	10.00	10.00	0.00	
11,000.0	91.08	116.45	10,631.3	-294.4	538.7	552.5	8.07	-0.73	-8.04	
11,100.0	90.34	108.41	10,630.0	-332.5	631.1	646.6	8.07	-0.74	-8.03	
11,200.0	89.60	100.38	10,630.1	-357.3	727.8	744.5	8.07	-0.74	-8.03	
11,300.0	88.86	92.34	10,631.4	-368.4	827.1	844.2	8.07	-0.74	-8.03	
11,325.9	88.67	90.26	10,632.0	-369.0	853.0	870.0	8.07	-0.72	-8.04	
LP/FTP: 330' FSL & 2350' FEL, Sec 23										
11,400.0	88.67	90.26	10,633.7	-369.3	927.1	944.1	0.00	0.00	0.00	
11,500.0	88.67	90.26	10,636.0	-369.8	1,027.1	1,043.9	0.00	0.00	0.00	
11,600.0	88.67	90.26	10,638.4	-370.3	1,127.1	1,143.8	0.00	0.00	0.00	
11,700.0	88.67	90.26	10,640.7	-370.7	1,227.0	1,243.7	0.00	0.00	0.00	
11,800.0	88.67	90.26	10,643.0	-371.2	1,327.0	1,343.6	0.00	0.00	0.00	
11,900.0	88.67	90.26	10,645.3	-371.6	1,427.0	1,443.4	0.00	0.00	0.00	
12,000.0	88.67	90.26	10,647.6	-372.1	1,526.9	1,543.3	0.00	0.00	0.00	
12,100.0	88.67	90.26	10,650.0	-372.6	1,626.9	1,643.2	0.00	0.00	0.00	
12,200.0	88.67	90.26	10,652.3	-373.0	1,726.9	1,743.1	0.00	0.00	0.00	
12,300.0	88.67	90.26	10,654.6	-373.5	1,826.9	1,842.9	0.00	0.00	0.00	
12,400.0	88.67	90.26	10,656.9	-374.0	1,926.8	1,942.8	0.00	0.00	0.00	
12,500.0	88.67	90.26	10,659.2	-374.4	2,026.8	2,042.7	0.00	0.00	0.00	
12,600.0	88.67	90.26	10,661.5	-374.9	2,126.8	2,142.6	0.00	0.00	0.00	
12,700.0	88.67	90.26	10,663.9	-375.3	2,226.7	2,242.4	0.00	0.00	0.00	
12,800.0	88.67	90.26	10,666.2	-375.8	2,326.7	2,342.3	0.00	0.00	0.00	
12,900.0	88.67	90.26	10,668.5	-376.3	2,426.7	2,442.2	0.00	0.00	0.00	
13,000.0	88.67	90.26	10,670.8	-376.7	2,526.7	2,542.1	0.00	0.00	0.00	
13,100.0	88.67	90.26	10,673.1	-377.2	2,626.6	2,641.9	0.00	0.00	0.00	
13,200.0	88.67	90.26	10,675.5	-377.6	2,726.6	2,741.8	0.00	0.00	0.00	
13,300.0	88.67	90.26	10,677.8	-378.1	2,826.6	2,841.7	0.00	0.00	0.00	
13,400.0	88.67	90.26	10,680.1	-378.6	2,926.5	2,941.6	0.00	0.00	0.00	
13,500.0	88.67	90.26	10,682.4	-379.0	3,026.5	3,041.4	0.00	0.00	0.00	
13,600.0	88.67	90.26	10,684.7	-379.5	3,126.5	3,141.3	0.00	0.00	0.00	
13,700.0	88.67	90.26	10,687.1	-379.9	3,226.5	3,241.2	0.00	0.00	0.00	
13,800.0	88.67	90.26	10,689.4	-380.4	3,326.4	3,341.1	0.00	0.00	0.00	
13,900.0	88.67	90.26	10,691.7	-380.9	3,426.4	3,440.9	0.00	0.00	0.00	
14,000.0	88.67	90.26	10,694.0	-381.3	3,526.4	3,540.8	0.00	0.00	0.00	
14,100.0	88.67	90.26	10,696.3	-381.8	3,626.4	3,640.7	0.00	0.00	0.00	
14,200.0	88.67	90.26	10,698.6	-382.3	3,726.3	3,740.6	0.00	0.00	0.00	
14,300.0	88.67	90.26	10,701.0	-382.7	3,826.3	3,840.4	0.00	0.00	0.00	
14,400.0	88.67	90.26	10,703.3	-383.2	3,926.3	3,940.3	0.00	0.00	0.00	
14,500.0	88.67	90.26	10,705.6	-383.6	4,026.2	4,040.2	0.00	0.00	0.00	
14,600.0	88.67	90.26	10,707.9	-384.1	4,126.2	4,140.1	0.00	0.00	0.00	
14,700.0	88.67	90.26	10,710.2	-384.6	4,226.2	4,239.9	0.00	0.00	0.00	
14,800.0	88.67	90.26	10,712.6	-385.0	4,326.2	4,339.8	0.00	0.00	0.00	
14,900.0	88.67	90.26	10,714.9	-385.5	4,426.1	4,439.7	0.00	0.00	0.00	
15,000.0	88.67	90.26	10,717.2	-385.9	4,526.1	4,539.6	0.00	0.00	0.00	
15,100.0	88.67	90.26	10,719.5	-386.4	4,626.1	4,639.4	0.00	0.00	0.00	
15,200.0	88.67	90.26	10,721.8	-386.9	4,726.0	4,739.3	0.00	0.00	0.00	
15,300.0	88.67	90.26	10,724.2	-387.3	4,826.0	4,839.2	0.00	0.00	0.00	
15,400.0	88.67	90.26	10,726.5	-387.8	4,926.0	4,939.1	0.00	0.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

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)
15,500.0	88.67	90.26	10,728.8	-388.2	5,026.0	5,038.9	0.00	0.00	0.00
15,600.0	88.67	90.26	10,731.1	-388.7	5,125.9	5,138.8	0.00	0.00	0.00
15,700.0	88.67	90.26	10,733.4	-389.2	5,225.9	5,238.7	0.00	0.00	0.00
15,800.0	88.67	90.26	10,735.8	-389.6	5,325.9	5,338.6	0.00	0.00	0.00
15,900.0	88.67	90.26	10,738.1	-390.1	5,425.8	5,438.4	0.00	0.00	0.00
16,000.0	88.67	90.26	10,740.4	-390.6	5,525.8	5,538.3	0.00	0.00	0.00
16,100.0	88.67	90.26	10,742.7	-391.0	5,625.8	5,638.2	0.00	0.00	0.00
16,200.0	88.67	90.26	10,745.0	-391.5	5,725.8	5,738.1	0.00	0.00	0.00
16,300.0	88.67	90.26	10,747.3	-391.9	5,825.7	5,837.9	0.00	0.00	0.00
16,400.0	88.67	90.26	10,749.7	-392.4	5,925.7	5,937.8	0.00	0.00	0.00
16,500.0	88.67	90.26	10,752.0	-392.9	6,025.7	6,037.7	0.00	0.00	0.00
16,600.0	88.67	90.26	10,754.3	-393.3	6,125.7	6,137.6	0.00	0.00	0.00
16,700.0	88.67	90.26	10,756.6	-393.8	6,225.6	6,237.4	0.00	0.00	0.00
16,800.0	88.67	90.26	10,758.9	-394.2	6,325.6	6,337.3	0.00	0.00	0.00
16,900.0	88.67	90.26	10,761.3	-394.7	6,425.6	6,437.2	0.00	0.00	0.00
17,000.0	88.67	90.26	10,763.6	-395.2	6,525.5	6,537.1	0.00	0.00	0.00
17,100.0	88.67	90.26	10,765.9	-395.6	6,625.5	6,636.9	0.00	0.00	0.00
17,200.0	88.67	90.26	10,768.2	-396.1	6,725.5	6,736.8	0.00	0.00	0.00
17,300.0	88.67	90.26	10,770.5	-396.5	6,825.5	6,836.7	0.00	0.00	0.00
17,400.0	88.67	90.26	10,772.9	-397.0	6,925.4	6,936.6	0.00	0.00	0.00
17,500.0	88.67	90.26	10,775.2	-397.5	7,025.4	7,036.4	0.00	0.00	0.00
17,600.0	88.67	90.26	10,777.5	-397.9	7,125.4	7,136.3	0.00	0.00	0.00
17,700.0	88.67	90.26	10,779.8	-398.4	7,225.3	7,236.2	0.00	0.00	0.00
17,800.0	88.67	90.26	10,782.1	-398.9	7,325.3	7,336.1	0.00	0.00	0.00
17,900.0	88.67	90.26	10,784.4	-399.3	7,425.3	7,435.9	0.00	0.00	0.00
18,000.0	88.67	90.26	10,786.8	-399.8	7,525.3	7,535.8	0.00	0.00	0.00
18,100.0	88.67	90.26	10,789.1	-400.2	7,625.2	7,635.7	0.00	0.00	0.00
18,200.0	88.67	90.26	10,791.4	-400.7	7,725.2	7,735.6	0.00	0.00	0.00
18,300.0	88.67	90.26	10,793.7	-401.2	7,825.2	7,835.4	0.00	0.00	0.00
18,400.0	88.67	90.26	10,796.0	-401.6	7,925.2	7,935.3	0.00	0.00	0.00
18,500.0	88.67	90.26	10,798.4	-402.1	8,025.1	8,035.2	0.00	0.00	0.00
18,600.0	88.67	90.26	10,800.7	-402.5	8,125.1	8,135.1	0.00	0.00	0.00
18,699.9	88.67	90.26	10,803.0	-403.0	8,225.0	8,234.9	0.00	0.00	0.00

BHL: 330' FSL & 330' FEL, Sec24

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Queen 23/24 W2OP Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2982.0usft (Original Well Elev)
Project:	Eddy County, New Mexico	MD Reference:	WELL @ 2982.0usft (Original Well Elev)
Site:	Queen 23/24 W2OP Fed Com #2H	North Reference:	Grid
Well:	Sec 23, T24S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 330' FEL, Sec 24		
Design:	Design #1		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
SL: 690' FSL & 2175' FV - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	435,759.00	584,776.00	32° 11' 51.798 N	104° 3' 33.366 W
KOP @ 10059' - plan hits target center - Point	0.00	0.00	10,059.0	0.0	0.0	435,759.00	584,776.00	32° 11' 51.798 N	104° 3' 33.366 W
LP/FTP: 330' FSL & 235 - plan hits target center - Point	0.00	0.00	10,632.0	-369.0	853.0	435,390.00	585,629.00	32° 11' 48.124 N	104° 3' 23.450 W
BHL: 330' FSL & 330' FE - plan hits target center - Point	0.00	0.00	10,803.0	-403.0	8,225.0	435,356.00	593,001.00	32° 11' 47.592 N	104° 1' 57.657 W

Queen 23/24 W2OP Fed Com #2H

