

CASE NO. 23390

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

EXHIBIT LIST

- PART I

1. Application and Proposed Notice
2. Landman's Affidavit
3. Geologist's Affidavit
4. Affidavits of Mailing (Exhibits 4-A and 4-B)
5. Publication Affidavits (Exhibits 5-A and 5-B)
6. Pooling Checklist

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 23390

APPLICATION

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the N/2 of Section 9 and the NE/4 of Section 8, Township 18 South, Range 29 East, N.M.P.M., Eddy County, New Mexico, and approval of a non-standard spacing and proration unit therefor, and in support thereof, states:

1. Applicant is an interest owner in the N/2 of Section 9 and the NE/4 of Section 8, and has the right to drill a well or wells thereon.
2. Applicant proposes to drill the following wells to a depth sufficient to test the Bone Spring formation: (a) the Double Stamp 9/8 B2AB Fed. Com. Well No. 1H, a horizontal well with a first take point in the NE/4NE/4 of Section 9 and a last take point in the NW/4NE/4 of Section 8; and (b) the Double Stamp 9/8 B2HG Fed. Com. Well No. 1H, a horizontal well with a first take point in the SE/4NE/4 of Section 9 and a last take point in the SW/4NE/4 of Section 8. The producing interval of each well will be orthodox.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the N/2 of Section 9 and the NE/4 of Section 8 for the purposes set forth herein.
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the wells or to otherwise commit their interests to

EXHIBIT /

the wells, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying the S N/2 of Section 9 and the NE/4 of Section 8, pursuant to NMSA 1978 §70-2-17.

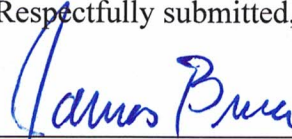
5. Applicant requests that the wells be dedicated to a non-standard 480-acre spacing and proration unit in the Sand Tank Bone Spring (oil) Pool (Pool Code 96832).

6. The pooling of all uncommitted mineral interest owners in the Bone Spring formation underlying the N/2 of Section 9 and the NE/4 of Section 8, and approval of the non-standard spacing and proration unit, will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing. The Division enters its order:

- A. Pooling all uncommitted mineral interest owners in the Bone Spring formation underlying the N/2 of Section 9 and the NE/4 of Section 8;
- B. Approving the non-standard spacing and proration unit;
- C. Designating applicant as operator of the proposed wells;
- D. Considering the cost of drilling, completing, testing, and equipping the wells, and allocating the cost among the wells' working interest owners;
- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- F. Setting a 200% charge for the risk involved in drilling, completing, testing, and equipping the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

Attorney for Mewbourne Oil Company

Application of Mewbourne Oil Company for compulsory pooling, and approval of a non-standard spacing and proration unit, Eddy County, New Mexico. Mewbourne Oil Company seeks an order pooling all uncommitted mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the N/2 of Section 9 and the NE/4 of Section 8, Township 18 South, Range 29 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to: (a) the Double Stamp 9/8 B2AB Fed. Com. Well No. 1H, a horizontal well with a first take point in the NE/4NE/4 of Section 9 and a last take point in the NW/4NE/4 of Section 8; and (b) the Double Stamp 9/8 B2HG Fed. Com. Well No. 1H, a horizontal well with a first take point in the SE/4NE/4 of Section 9 and a last take point in the SW/4NE/4 of Section 8. The producing interval of each well will be orthodox. Applicant requests that the wells be dedicated to a non-standard 480-acre spacing and proration unit in the Sand Tank Bone Spring (oil) Pool. Also to be considered will be the cost of drilling, completing, testing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, testing and equipping the wells. The well unit is located approximately 7 miles northwest of Loco Hills, New Mexico.

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

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

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

Case No. 23390

SELF-AFFIRMED STATEMENT OF BRAD DUNN

Brad Dunn, being duly sworn upon his oath, deposes and states:

1. I am a landman for Mewbourne Oil Company ("Mewbourne"), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.

2. Pursuant to Division Rules, the following information is submitted in support of this application.

3. The purpose of this application is (a) to force pool working interest owners into the Bone Spring horizontal spacing unit described below, and in wells to be drilled in the unit, and (b) to approve a non-standard horizontal spacing and proration unit.

4. In this case Mewbourne seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the N/2 of Section 9 and the NE/4 of Section 8, Township 18 South, Range 29 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to: (a) the Double Stamp 9/8 B2AB Fed. Com. Well No. 1H, a horizontal well with a first take point in the NE/4NE/4 of Section 9 and a last take point in the NW/4NE/4 of Section 8; and (b) the Double Stamp 9/8 B2HG Fed. Com. Well No. 1H, a horizontal well with a first take point in the SE/4NE/4 of Section 9 and a last take point in the SW/4NE/4 of Section 8. Mewbourne also requests approval for the wells to be dedicated to a non-standard 480-acre spacing and proration unit in the Sand Tank Bone Spring (oil) Pool.

The reasons for the non-standard unit are (a) to minimize surface use, and (b) to reduce the cost of surface facilities. In addition, referring to Attachment B, interest ownership is common throughout the well unit, so no interest owner is adversely affected.

5. There is no depth severance in the Bone Spring formation.

EXHIBIT

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6. A plat outlining the unit being pooled is submitted as Attachment A. Forms C-102 for the wells are part of Attachment A.

7. The tracts in the unit, the leases, and the parties being pooled and their interests, are set forth in Attachment B. The persons noted with an asterisk are being pooled. The only parties being pooled are MRC Delaware Resources, LLC and Colkelan NV Corporation.

8. The interest owners being pooled have been contacted regarding the proposed well, but have failed or refused to voluntarily commit their interests to the well.

9. In order to locate the interest owners, Mewbourne examined the county and federal records, performed internet searches, checked telephone records, and searched Accurint and Whitepages.

10. Attachment C contains copies of the proposal letters sent to the interest owners being pooled. It also contains a summary of communications with these parties. Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed wells.

11. Attachment D contains the Authorizations for Expenditure for the proposed wells. The estimated costs of the wells set forth therein are fair and reasonable, and comparable to the cost of other wells of similar depth and length drilled in this area of Eddy County.

12. Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Eddy County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

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

14. Mewbourne requests that it be designated operator of the wells.

15. Attachment E contains a listing of all parties entitled to notice of the application filed herein. It lists all parties to be notified of the non-standard unit application. Certain of the parties are also entitled to notice of the pooling portion of the application. By separate communication with Mewbourne's attorney I identified the parties who needed to be pooled. As a result, Mewbourne's attorney sent separate notice to (a) the parties to be pooled and notified of the non-standard unit, and (b) the parties to be notified only of the non-standard unit portion of the application. This is shown on the attorneys notice letters submitted as Exhibits 4-A and 4-B.

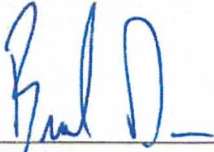
There were a number of parties who originally needed to be pooled. However, a number of them have committed their interests, and only the two parties identified in Paragraph 7 are being pooled.

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

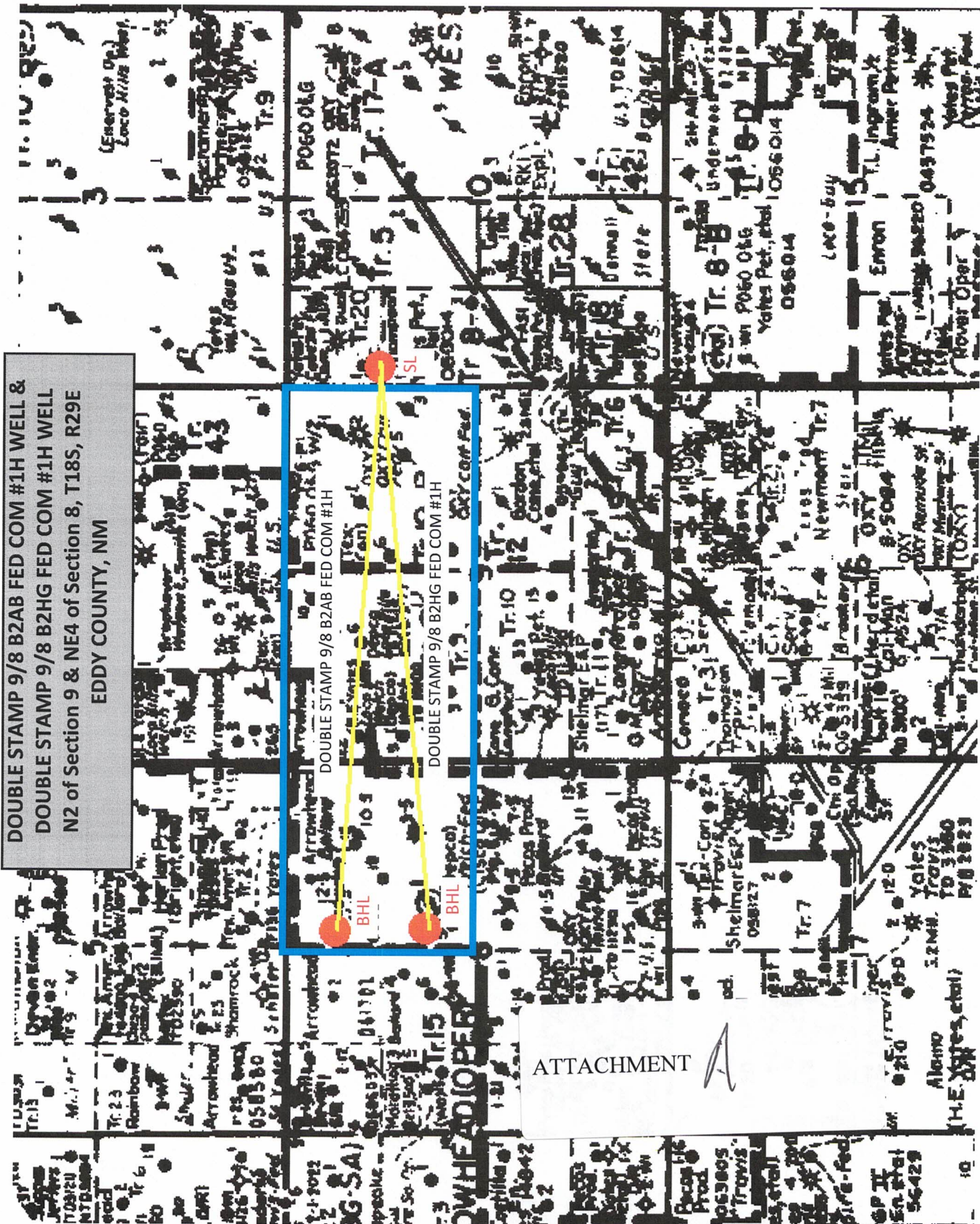
17. Granting this application is in the interests of conservation and the prevention of waste.

I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 17 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 2/27/2023



Brad Dunn



DOUBLE STAMP 9/8 B2AB FED COM #1H WELL &
 DOUBLE STAMP 9/8 B2HG FED COM #1H WELL
 N2 of Section 9 & NE4 of Section 8, T18S, R29E
 EDDY COUNTY, NM

DOUBLE STAMP 9/8 B2AB FED COM #1H
 DOUBLE STAMP 9/8 B2HG FED COM #1H
 DOUBLE STAMP 9/8 B2HG FED COM #1H

ATTACHMENT

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name DOUBLE STAMP 9/8 B2AB FED COM			⁶ Well Number 1H
⁷ GRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 3507'

¹⁰ Surface Location

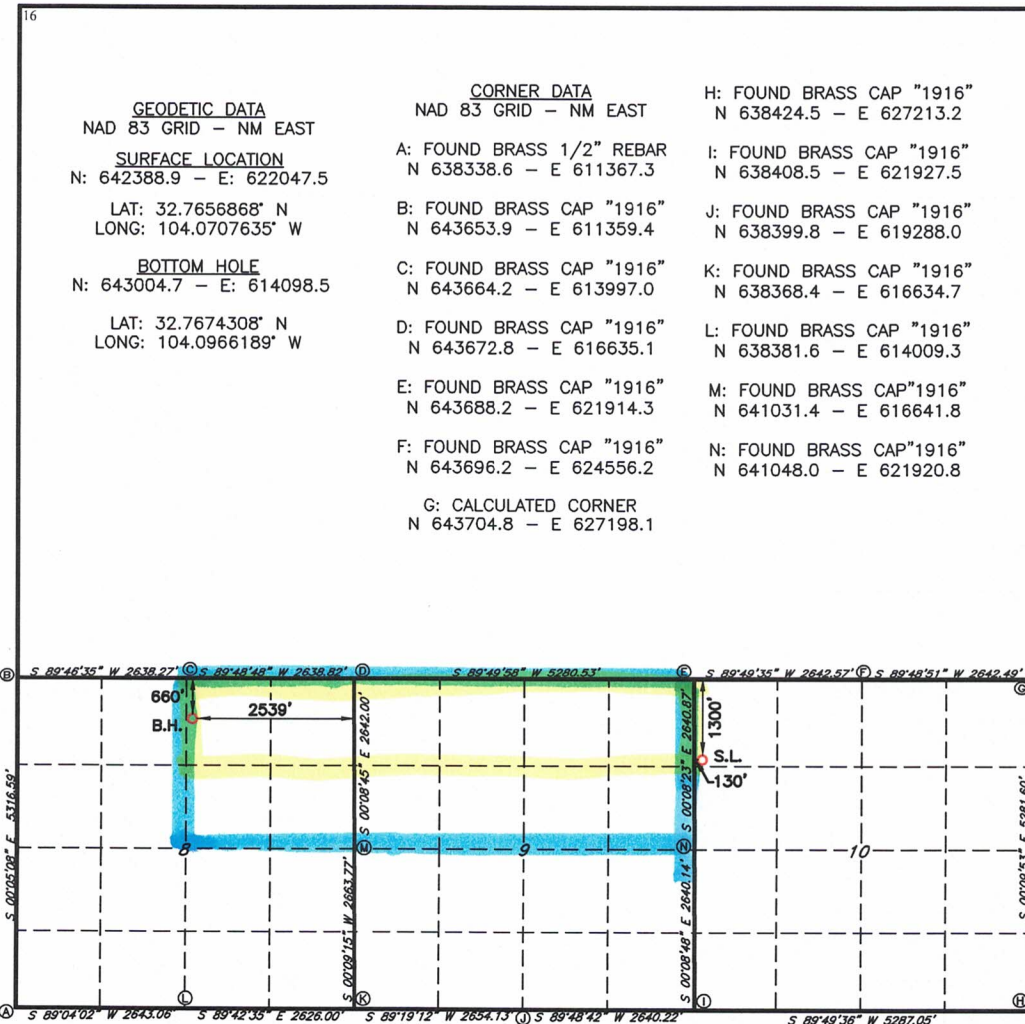
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
D	10	18S	29E		1300	NORTH	130	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	8	18S	29E		660	NORTH	2539	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

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



¹⁷ OPERATOR CERTIFICATION

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

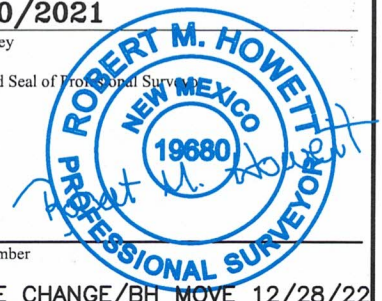
Signature _____ Date _____
Printed Name _____
E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

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

04/30/2021

Date of Survey
Signature and Seal of Professional Surveyor



19680
Certificate Number

REV:NAME CHANGE/BH MOVE 12/28/22

Job No.:LS21020113R1

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name DOUBLE STAMP 9/8 B2HG FED COM			⁶ Well Number 1H
⁷ GRID NO 14744		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 3503'

¹⁰ Surface Location

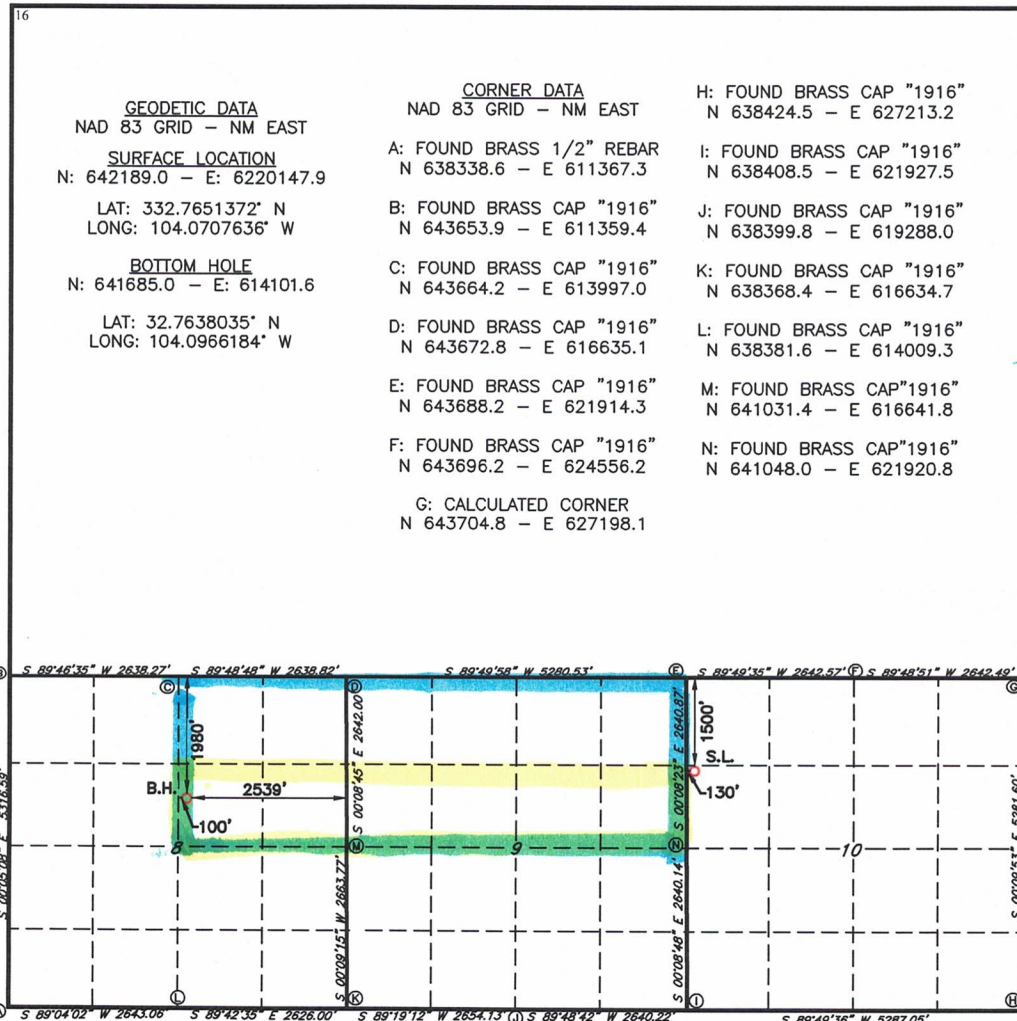
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
E	10	18S	29E		1500	NORTH	130	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	8	18S	29E		1980	NORTH	2539	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

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



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

Signature _____ Date _____
Printed Name _____
E-mail Address _____

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

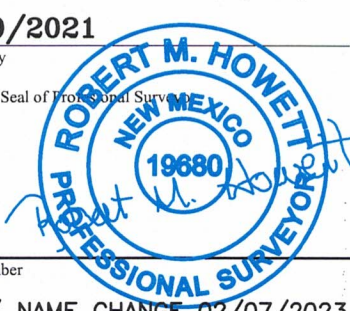
04/30/2021
Date of Survey

Signature and Seal of Professional Surveyor _____

19680
Certificate Number

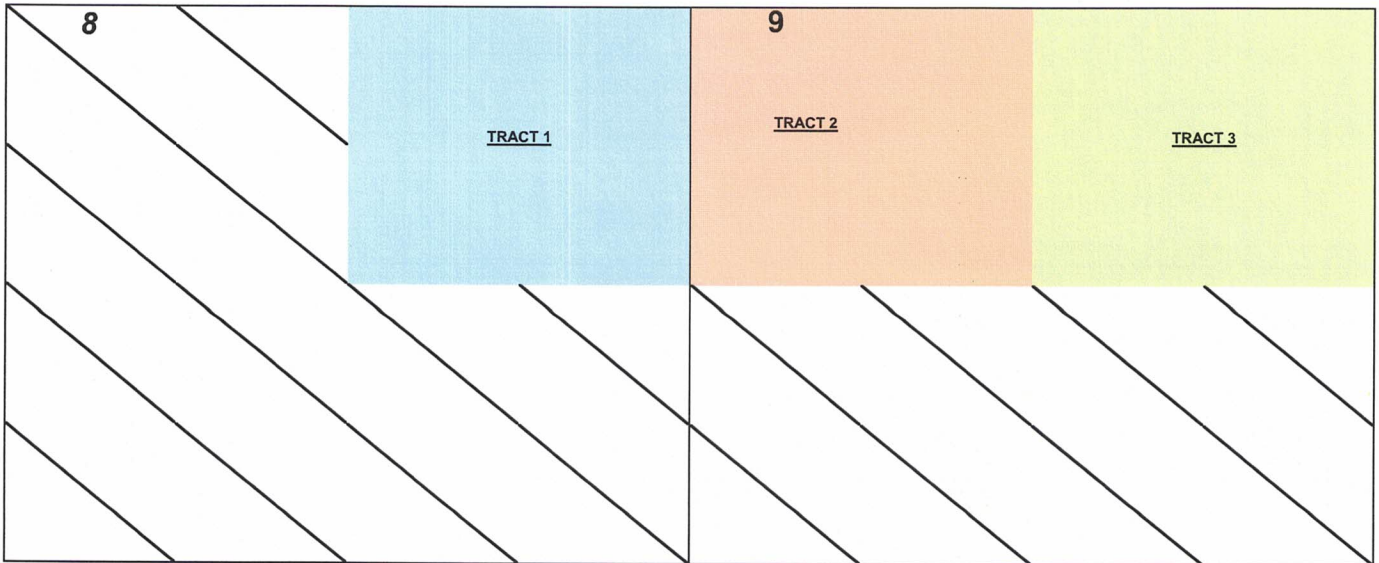
REV: BH/ NAME CHANGE 02/07/2023

Job No.:LS21020114R1



RECAPITULATION FOR DOUBLE STAMP 9/8 B2AB FED COM #1H & DOUBLE STAMP 9/8 B2HG FED COM #1H

Tract Number	Number of Acres Committed	Percentage of Interest In Communitized Area
1	160.00	33.333334%
2	160.00	33.333333%
3	160.00	33.333333%
TOTAL	480.00	100.000000%



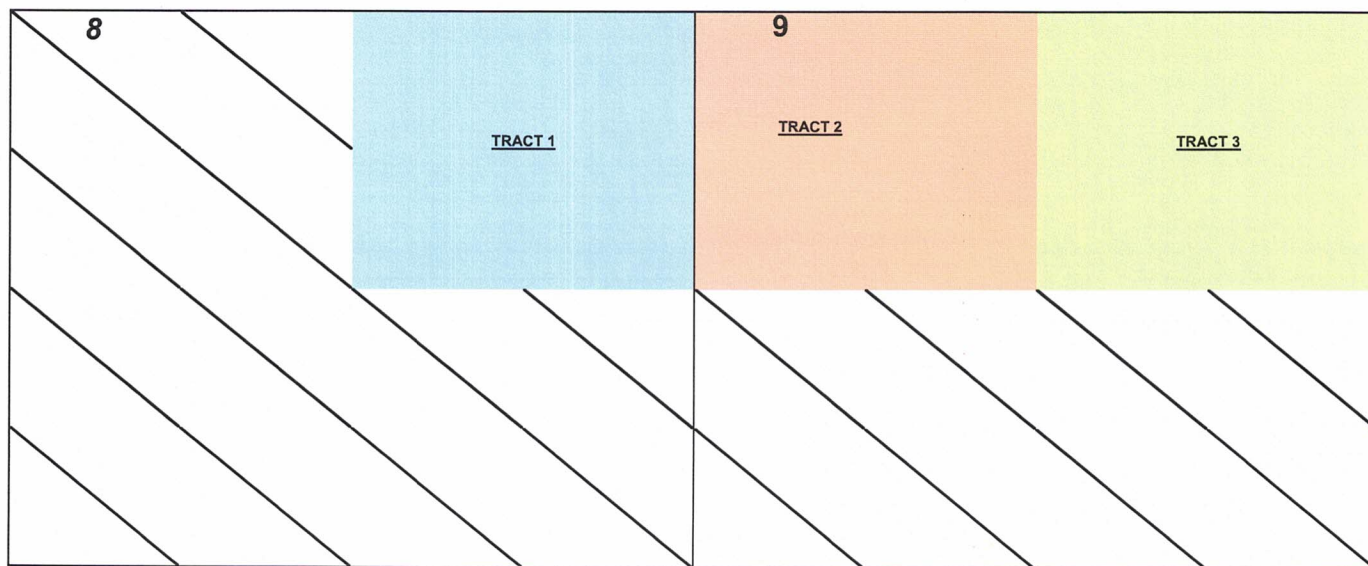
ATTACHMENT B

SECTION PLAT

Northeast Quarter (NE/4) of Section 8, Township 18 South, Range 29 East

North half (N/2) of Section 9, Township 18 South, Range 29 East

County of Eddy, State of New Mexico



Tract 1: NE/4 SEC. 8—FEDERAL LEASE NO. NMLC 050906

Mewbourne Oil Company, ET AL

MRC Delaware Resources, LLC

Colkelan NV Corporation

Tract 2: NW/4 SEC. 9—SINGLE FEE LEASE

Mewbourne Oil Company, ET AL

MRC Delaware Resources, LLC

Tract 3: NE/4 SEC. 9—FEDERAL LEASE NO. NMNM 105365415

Mewbourne Oil Company, ET AL

TRACT OWNERSHIP
DOUBLE STAMP 9/8 B2AB FED COM #1H & DOUBLE STAMP 9/8 B2HG FED COM #1H
N2 Section 9 & NE4 Section 8 , T18S, R29E
Eddy County, New Mexico

N2 Section 9 & NE4 Section 8, T18S, R29E
Bone Spring formation:

	% Leasehold Interest
Mewbourne Oil Company, et al 500 West Texas, Ste. 1020 Midland, Texas	79.482885%
MRC Delaware Resources, LLC* One Lincoln Center 5400 LBJ Freeway, STE 1500 Dallas, TX 75240	20.350448%
Colkelan NV Corporation* 6120 Padre Ct. NE Albuquerque, NM 87111	0.166667%
	100.000000%

*** Total interest being pooled: 20.517115%**

OWNERSHIP BY TRACT

NE/4 SECTION 8

Mewbourne Oil Company, et al 500 West Texas, Ste. 1020 Midland, Texas	88.000000%
MRC Delaware Resources, LLC One Lincoln Center 5400 LBJ Freeway, STE 1500 Dallas, TX 75240	11.500000%
Colkelan NV Corporation 6120 Padre Ct. NE Albuquerque, NM 87111	0.500000%
	100.000000%

NW/4 SECTION 9

Mewbourne Oil Company, et al
500 West Texas, Ste. 1020
Midland, Texas

50.448656%

MRC Delaware Resources, LLC
One Lincoln Center
5400 LBJ Freeway, STE 1500
Dallas, TX 75240

49.551344%

100.000000%

NE/4 SECTION 9

Mewbourne Oil Company, et al
500 West Texas, Ste. 1020
Midland, Texas

100.000000%

100.000000%

Summary of Communications

DOUBLE STAMP 9/8 B2AB FED COM #1H & DOUBLE STAMP 9/8 B2HG FED COM #1H

MRC DELAWARE RESOURCES, LLC

- 1) 1/25/2023: Well proposal letter with AFEs sent via email to Nick Weeks at Matador. Original well proposals delivered to recipient on March 11, 2022. These were then withdrawn and re-proposed on 1/25/2023 as new 1.5 mile well units instead of 2 mile well units.
- 2) 1/27/2023: Confirmed email delivery of well proposal packet to recipient.
- 3) 1/31/2023: Email correspondence Nick Weeks at Matador giving details on a stipulation of interest requirement needed to confirm recipients interest.
- 4) 2/7/2023: Further email and phone call correspondence with Nick Weeks at Matador regarding the stipulation of interest requirement and Matador's interest in the subject wells.
- 5) 2/17/2023: Emailed Nick Weeks at Matador regarding an update on the stipulation of interest requirement. Also provided many additional details on what we show MRC's interest to be.
- 6) 2/21/2023: Emailed Nick Weeks at Matador regarding an update on the stipulation of interest requirement and an update on what they plan to do with their interest. No decisions by MRC have been made yet.

COLKELAN NV CORPORATION

- 1) 11/28/2022: Well proposal letter with AFEs sent via certified mail.
- 2) 12/3/2023: Confirmed certified mail delivery of well proposal packet to recipient.
- 3) 1/9/2023: Email correspondence with a family member of recipient seeking to get more information from recipient.
- 4) 1/27/2023: Email correspondence with Colleen Yates who represents this interest where I provided all documents and information again to recipient in order to participate in the subject wells.
- 5) 2/21/2023: Never heard back from recipient and no decisions by Colkelan have been made yet.

ATTACHMENT C

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715

November 11, 2022

Via Certified Mail

MRC Delaware Resources, LLC
One Lincoln Centre
5400 LBJ Freeway, STE 1500
Dallas, TX 75240
Attn: Permian Land Manager

Re: Proposed Horizontal Bone Spring Wells
Double Stamp 9/8 B2AB Fed Com #1H
Double Stamp 9/8 B2HG Fed Com #1H
The E/2 & SW/4 of 8 & All of Sec. 9, T18S-R29E
Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form an 1,120.00 acre Working Interest Unit ("WIU"), covering the E/2 & SW/4 of 8 & All of Sec. 9 located in Township 18 South, Range 29 East in Eddy County, New Mexico, for oil and gas production. The targeted interval for the proposed unit is the Bone Spring formation. Mewbourne as Operator hereby proposes to drill the following horizontal Bone Spring well:

- Double Stamp 9/8 B2AB Fed Com #1H will have a surface location 1300' FNL & 130' FWL in Section 10, T18S, R29E and a bottom hole location approximately 660' FNL & 2540' FEL in the captioned section 8. We anticipate drilling to an approximate total vertical depth of 7,155' and an approximate total measured depth of 15,045'. The N2NE4 of Section 8 and the N2N2 of Section 9 will be dedicated to the well as the proration unit.
- Double Stamp 9/8 B2HG Fed Com #1H will have a surface location 1500' FNL & 130' FWL in Section 10, T18S, R29E and a bottom hole location approximately 1980' FNL & 2540' FEL in the captioned section 8. We anticipate drilling to an approximate total vertical depth of 7,237' and an approximate total measured depth of 15,120'. The S2NE4 of Section 8 and the S2N2 of Section 9 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling is our AFE for the captioned proposed well. In the event your firm elects to participate in the proposed well, please execute the enclosed AFE and return it to me within thirty (30) days.

Our proposed Operating Agreement by and between Mewbourne Oil Company as Operator and Cactus Energy, Inc., et al, as non-Operators will have COPAS rates of \$8,000/month while drilling, \$800/month for a producing well, and a non-consent penalty of 100%/300%. Should you wish to participate, please email me at bdunn@mewbourne.com and I will promptly email you a copy of this Double Stamp 9/8 Operating Agreement dated September 1, 2021, for your review.

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

Sincerely,

MEWBOURNE OIL COMPANY

A handwritten signature in blue ink, appearing to read "Brad Dunn", is positioned above the typed name.

Brad Dunn
Petroleum Landman

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715

November 28, 2022

Via Certified Mail & Email

Colkelan NV Corporation
6120 Padre Ct. NE
Albuquerque, NM 87111
Attn: Permian Land Manager

Re: Proposed Horizontal Bone Spring Well
Double Stamp 9/8 B2AB Fed Com #1H
Double Stamp 9/8 B2HG Fed Com #1H
SW4 & E/2 of Sec. 8 & ALL of Sec. 9, T18S-R29E
Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 1,120.00 acre Working Interest Unit ("WIU"), covering the SW4 & E2 of the captioned Section 8 and All of the captioned Section 9, for oil and gas production. The targeted interval for the proposed unit is the Bone Spring formation. Mewbourne Oil Company as Operator withdraws its previous proposals to drill the Double Stamp 9/8 B2AD Fed Com #1H & the Double Stamp 9/8 B2HE Fed Com #1H wells, and hereby proposes to drill the following horizontal Bone Spring wells:

- Double Stamp 9/8 B2AB Fed Com #1H will have a surface location 1300' FNL & 130' FWL in Section 10, T18S, R29E and a bottom hole location approximately 660' FNL & 2540' FEL in the captioned section 8. We anticipate drilling to an approximate total vertical depth of 7,155' and an approximate total measured depth of 15,045'. The N2NE4 of Section 8 and the N2N2 of Section 9 will be dedicated to the well as the proration unit.
- Double Stamp 9/8 B2HG Fed Com #1H will have a surface location 1500' FNL & 130' FWL in Section 10, T18S, R29E and a bottom hole location approximately 1980' FNL & 2540' FEL in the captioned section 8. We anticipate drilling to an approximate total vertical depth of 7,237' and an approximate total measured depth of 15,120'. The S2NE4 of Section 8 and the S2N2 of Section 9 will be dedicated to the well as the proration unit.

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

Our proposed Operating Agreement by and between Mewbourne Oil Company as Operator and Cactus Energy, Inc., et al, as non-Operators will have COPAS rates of \$8,000/month while drilling,

\$800/month for a producing well, and a non-consent penalty of 100%/300%. Should you wish to participate, please email me at bdunn@mewbourne.com and I will promptly email you a copy of this Double Stamp 9/8 Operating Agreement dated September 1, 2021, for your review.

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

Sincerely,

MEWBOURNE OIL COMPANY



Brad Dunn
Petroleum Landman

MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: **DOUBLE STAMP 9/8 B2AB FED COM #1H** Prospect: **DOUBLE STAMP**
 Location: **SL: 1300 FNL & 130 FWL (10); BHL: 660 FNL & 2540 FEL (8)** County: **EDDY** ST: **NM**
 Sec. **10** Blk: Survey: TWP: **18S** RNG: **29E** Prop. TVD: **7155** TMD: **15045**

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$10,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$50,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$62,500
Daywork / Turnkey / Footage Drilling	17 days drlg / 3 days comp @ \$29,000/d	0180-0110	\$526,500	0180-0210	\$92,900
Fuel	1700 gal/day @ \$3.90/gal	0180-0114	\$120,400	0180-0214	\$229,500
Alternate Fuels		0180-0115		0180-0215	\$71,200
Mud, Chemical & Additives		0180-0120	\$40,000	0180-0220	
Mud - Specialized		0180-0121	\$175,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$150,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125	\$100,000	0180-0225	\$40,000
Logging & Wireline Services		0180-0130	\$2,300	0180-0230	\$284,300
Casing / Tubing / Snubbing Service		0180-0134	\$25,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$35,000		
Stimulation	39 Stg 14.9 MMgal & 18.6 MMlbs			0180-0241	\$2,193,000
Stimulation Rentals & Other				0180-0242	\$235,000
Water & Other	FW f/ Mesquite/Select @ \$.85/bbl	0180-0145	\$35,000	0180-0245	\$322,100
Bits		0180-0148	\$83,300	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$120,000		
Transportation		0180-0165	\$30,000	0180-0265	\$65,000
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$54,500	0180-0270	\$48,000
Directional Services	Includes vertical control	0180-0175	\$239,200		
Equipment Rental		0180-0180	\$129,800	0180-0280	\$21,600
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$4,300	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$1,000
Damages		0180-0190	\$30,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$86,400	0180-0295	\$52,800
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$109,300	0180-0299	\$203,200
TOTAL			\$2,295,000		\$4,266,600

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	410' - 13 3/8" 54.5# J-55 ST&C @ \$76.30/ft	0181-0794	\$33,400		
Casing (8.1" - 10.0")	1150' - 9 5/8" 40# J-55 LT&C @ \$55.54/ft	0181-0795	\$68,200		
Casing (6.1" - 8.0")	6755' - 7" 29# HPP110 BT&C @ \$59.83/ft	0181-0796	\$431,600		
Casing (4.1" - 6.0")	8440' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$33.47/ft			0181-0797	\$301,700
Tubing	6750' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13.60/ft			0181-0798	\$98,000
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools	Completion liner hanger			0181-0871	\$50,000
Subsurface Equip. & Artificial Lift	Packer			0181-0880	\$25,000
Pumping Unit Systems				0181-0885	
Service Pumps	(1/2) TP/CP/circ. pump			0181-0886	\$12,000
Storage Tanks	(1/2) 6 - 750 bbl/5 - 750 bbl coated/1 - GB			0181-0890	\$203,000
Emissions Control Equipment	(1/2) 2 - VRT/VRU/Flare/3 - KO/AIR			0181-0892	\$138,000
Separation / Treating Equipment	(1/2) 2 - Hz. Sep./Vt. Sep/2 - Vt. HT			0181-0895	\$68,000
Automation / Metering Equipment				0181-0898	\$88,000
Oil/Gas Pipeline, Valves, & Misc.	(1/2) Facility gas work & GL injection			0181-0900	\$24,000
Water Pipeline, Valves, & Misc.	(1/2) SWDL pipe/fittings			0181-0906	\$67,000
On-Site Valves, Fittings, Lines				0181-0908	\$203,000
Cathodic Protection				0181-0909	
Electrical Installation				0181-0910	\$167,000
Equipment Installation				0181-0920	\$125,000
Oil/Gas Pipeline Construction	(1/2) Facility gas work & GL injection				\$20,000
Water Pipeline Construction					\$52,000
TOTAL			\$568,200		\$1,619,700
SUBTOTAL			\$2,863,200		\$5,886,300

TOTAL WELL COST \$8,749,500

Extra Expense Insurance

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

I elect to purchase my own well control insurance policy.

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

Prepared by: H. Buckley Date: 11/08/2022

Company Approval: _____ Date: _____

Joint Owner Interest: _____ Amount: \$0.00

Joint Owner Name: _____ Signature: _____

ATTACHMENT D

MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: DOUBLE STAMP 9/8 B2HG FED COM #1H		Prospect: DOUBLE STAMP	
Location: SL: 1500 FNL & 130 FWL (10); BHL: 1980 FNL & 2540 FEL (8)		County: EDDY ST: NM	
Sec. 10	Blk: 	Survey: 	TWP: 18S RNG: 29E Prop. TVD: 7237 TMD: 15120

INTANGIBLE COSTS 0180			
Description	CODE	TCP	CC
Regulatory Permits & Surveys	0180-0100	\$10,000	0180-0200
Location / Road / Site / Preparation	0180-0105	\$50,000	0180-0205
Location / Restoration	0180-0106	\$200,000	0180-0206
Daywork / Turnkey / Footage Drilling 17 days drlg / 3 days comp @ \$29,000/d	0180-0110	\$526,500	0180-0210
Fuel 1700 gal/day @ \$3.90/gal	0180-0114	\$120,400	0180-0214
Alternate Fuels	0180-0115		0180-0215
Mud, Chemical & Additives	0180-0120	\$40,000	0180-0220
Mud - Specialized	0180-0121	\$175,000	0180-0221
Horizontal Drillout Services			0180-0222
Stimulation Toe Preparation			0180-0223
Cementing	0180-0125	\$100,000	0180-0225
Logging & Wireline Services	0180-0130	\$2,300	0180-0230
Casing / Tubing / Snubbing Service	0180-0134	\$25,000	0180-0234
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Stimulation 39 Stg 14.9 MMgal & 18.6 MMLbs			0180-0241
Stimulation Rentals & Other			0180-0242
Water & Other FW f/ Mesquite/Select @ \$0.85/bbl	0180-0145	\$35,000	0180-0245
Bits	0180-0148	\$83,300	0180-0248
Inspection & Repair Services	0180-0150	\$50,000	0180-0250
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Testing & Flowback Services	0180-0158	\$12,000	0180-0258
Completion / Workover Rig			0180-0260
Rig Mobilization	0180-0164	\$120,000	
Transportation	0180-0165	\$30,000	0180-0265
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Overhead Fixed Rate	0180-0196	\$10,000	0180-0296
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Tubing 6750' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13.80/ft			0181-0798
Drilling Head	0181-0860	\$35,000	
Tubing Head & Upper Section			0181-0870
Horizontal Completion Tools Completion liner hanger			0181-0871
Subsurface Equip. & Artificial Lift Packer			0181-0880
Pumping Unit Systems			0181-0885
Service Pumps (1/2) TP/CP/circ. pump	0181-0886		\$12,000
Storage Tanks (1/2) 6 - 750 bbl/5 - 750 bbl coated/1 - GB	0181-0890		\$203,000
Emissions Control Equipment (1/2) 2 - VRTV/RU/Flare/3 - KO/AIR	0181-0892		\$138,000
Separation / Treating Equipment (1/2) 2 - Hz. Sep./Mt. Sep/2 - Vt. HT	0181-0895		\$68,000
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On-Site Valves, Fittings, Lines	0181-0908		\$203,000
Cathodic Protection	0181-0909		
Electrical Installation	0181-0910		\$167,000
Equipment Installation	0181-0920		\$125,000
Oil/Gas Pipeline Construction (1/2) Facility gas work & GL injection			\$20,000
Water Pipeline Construction			\$52,000
TOTAL		\$568,200	\$1,619,700
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TOTAL WELL COST \$8,749,500

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I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.
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I elect to purchase my own well control insurance policy.

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

Prepared by: H. Buckley Date: 11/08/2022

Company Approval: _____ Date: _____

Joint Owner Interest: _____ Amount: _____

Joint Owner Name: _____ Signature: _____

List of Affected Entities:

Bureau of Land Management
New Mexico State Office
301 Dinosaur Trail
Santa Fe, New Mexico 87508

New Mexico State Land Office
310 Old Santa Fe Trail
P.O. Box 1148
Santa Fe, NM 87501-1148

OXY USA WTP, LP
5 Greenway Plaza, Suite 110
Houston, TX 77046

MRC Delaware Resources, LLC
One Lincoln Centre
5400 LBJ Freeway, STE 1500
Dallas, TX 75240

Shelmar E&P NM, LP
P.O. Box 3176
Midland, TX 79702

Limpia Holdings, LLC
P.O. Box 3176
Midland, TX 79702

Hovey Oil & Gas, LLC
P.O. Box 3176
Midland, TX 79702

William Fuller Kirkpatrick French, Trustee of the William Fuller Kirkpatrick French GST Exempt Trust
P.O. Box 3176
Midland, TX 79702

Richard West Bo French, Trustee of the Richard West Bo French GST Exempt Trust
P.O. Box 3176
Midland, TX 79702

Powhatan Ernest Kirkpatrick French, Trustee of the Powhatan Ernest Kirkpatrick French GST Exempt Trust
P.O. Box 3176
Midland, TX 79702

Kenneth Cone, individually and as trustee
P.O. Box 11310
Midland, TX 79702-1310

ATTACHMENT

E

Cactus Energy, Inc.
PO Box 2412
Midland, TX 79702

E3 Energy, Ltd.
P.O. Box 205
Midland, TX 79702

ESCONDIDO6154, LLC
P.O. Box 10505
Midland, TX 79702

KCK Energy, LLC
5600 Fenway
Midland, TX 79707

Dinero Energy Corporation
P.O. Box 10505
Midland, TX 79702

Burch 576, LLC
P.O. Box 10505
Midland, TX 79702

Jane B. Ramsland Oil & Gas Partnership, LP
P.O. Box 10505
Midland, TX 79702

Nadel and Gussman Capitan, LLC
15 East Fifth Street, Suite 3200
Tulsa, Oklahoma 74103

Colkelan NV Corporation
6120 Padre Ct. NE
Albuquerque, NM 87111

Jalapeno Corporation
P.O. Box 1608
Albuquerque, NM 87103

Yates Energy Corporation
P.O. Box 2323
Roswell, NM 88202-2323

Cynthia Mae Wilson, Trustee of the Bypass Trust established under Article 5 of the Will of
Scott Evans Wilson dated July 17, 2012
4601 Mirador Drive
Austin, TX 78735

Beverly Jean Renfro Barr, Trustee of the Family Trust created u/w/o Richard Kevin Barr
804 Park Vista Circle
Southlake, TX 76092

Spur Energy Partners LLC
9655 Katy Freeway, Suite 500
Houston, TX 77024

Rover Operating, LLC
17304 Preston Road, Suite 300
Dallas, TX 75252

BXP Operating, LLC
P.O. Box 7227
Dallas, TX 75209

EOG Resources, Inc.
5509 Champions Dr.
Midland, TX 79702

Seguro Oil and Gas, LLC
P.O. Box 3176
Midland, TX 79702

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

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

Case Nos. 23390

SELF-AFFIRMED STATEMENT OF CHARLES CROSBY

COUNTY OF MIDLAND)
) ss.
STATE OF TEXAS)

Charles Crosby deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in this case. I have been qualified by the Division as an expert petroleum geologist.
3. The following geological plats are attached hereto:
 - (a) Attachment A is a structure map of a portion of T18S-R29E on the top of the Second Bone Spring Sand. It shows that structure dips gently to the southeast. It also shows Second Bone Spring wells in the area, and a line of cross-section used on Attachment B.
 - (c) Attachment B is a cross section showing the Second Bone Spring Sand, the target zone for the proposed Double Stamp wells. The well logs on the cross-section give a representative sample of the Second Bone Spring Sand in this area. The sand is continuous and uniformly thick across the well unit.
4. I conclude from the maps that:
 - (a) The horizontal spacing unit is justified from a geologic standpoint.
 - (b) The target zone is continuous and of relatively uniform thickness across the well unit.
 - (c) Each quarter-quarter section in the well unit will contribute more or less equally to production.

EXHIBIT 3


(d) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.

5. Referring to Attachment A, there are only a few Second Bone Spring Sand wells drilled in this area, and they are laydown wells. A review of the geology, and production from offsets, indicates that laydown well are a reasonable way to develop the reservoir in this area.

6. Attachment C-1 and C-2 are Survey Calculation Reports for the proposed wells. The producing intervals of the wells will be orthodox.

I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 6 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 2/23/23



Charles Crosby

ATTACHMENT



Proration Unit

Proposed Horizontal

Horizontal Activity Color Code
2nd Bone Spring Sand

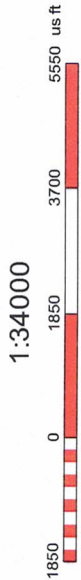
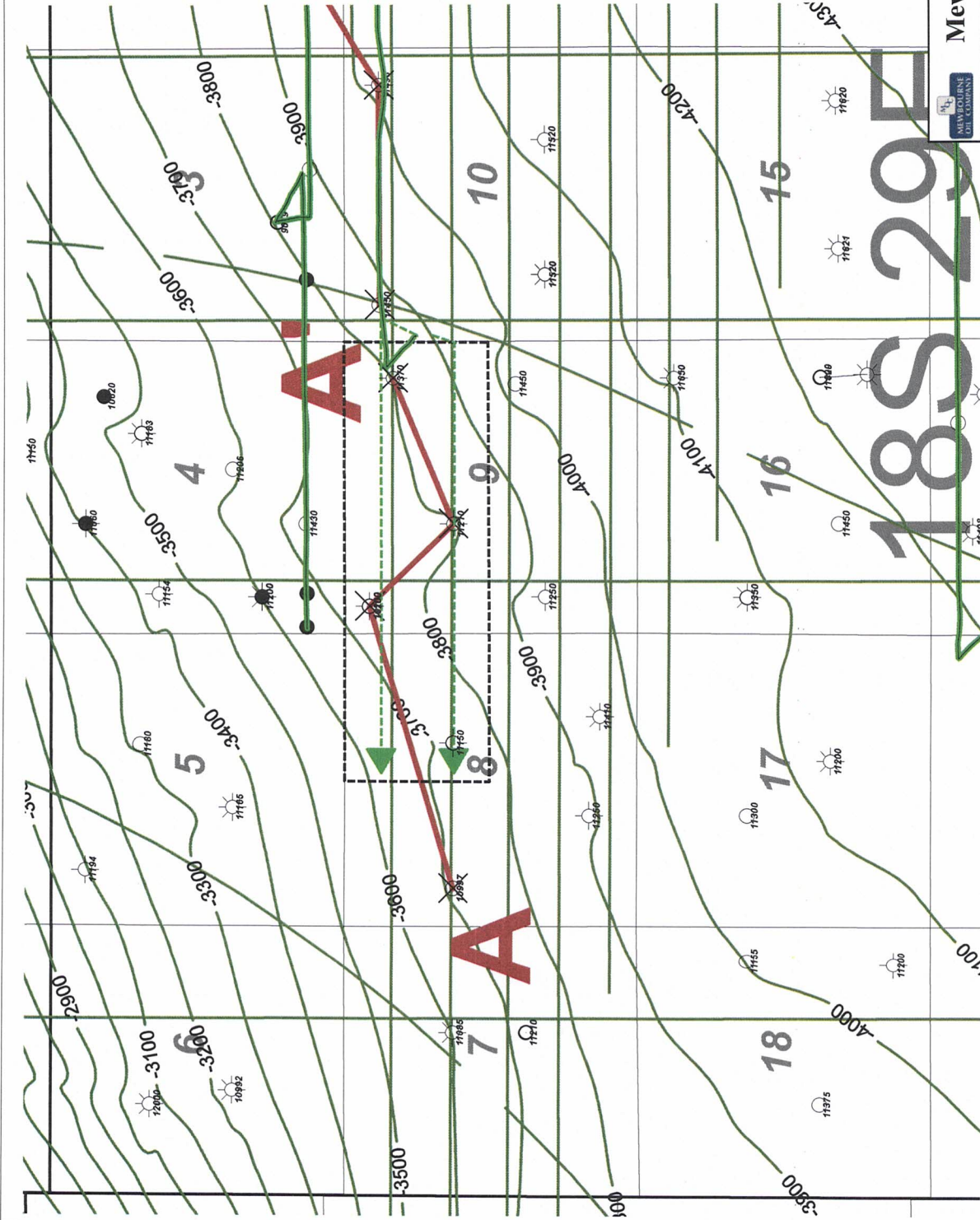


TD

Mewbourne Oil Company

Double Stamp 9/8
Horizontal Activity Map
Base 2nd BSPG Sand Structure (C.I. 100')

2/22/23	Eddy County	New Mexico
Wells TD < 5000' filtered out		Geol: C. Crosby



A
W

A
E

3001522360000
5326 ft
AMOCO PROD CO
EMPIRE SOUTH DEEP U 15
Datum=3553.00
1980 FNL/1980 FWL
TWP: 18 S - Range: 29 E - Sec: 9

3001522360000
2108 ft
DEPCO INC
WELCH (A) 1
Datum=3553.00
480 FNL/500 FWL
TWP: 18 S - Range: 29 E - Sec: 9

30015218410000
2848 ft
DEPCO INCORPORATED
LOCO HILLS DEEP 1
Datum=3527.00
1980 FNL/1980 FWL
TWP: 18 S - Range: 29 E - Sec: 9

30015318180000
OXY USA WTP LP
OXY COLT FEDERAL 2
Datum=3552.00
52 NE NE
TWP: 18 S - Range: 29 E - Sec: 9

8E

9D

9F

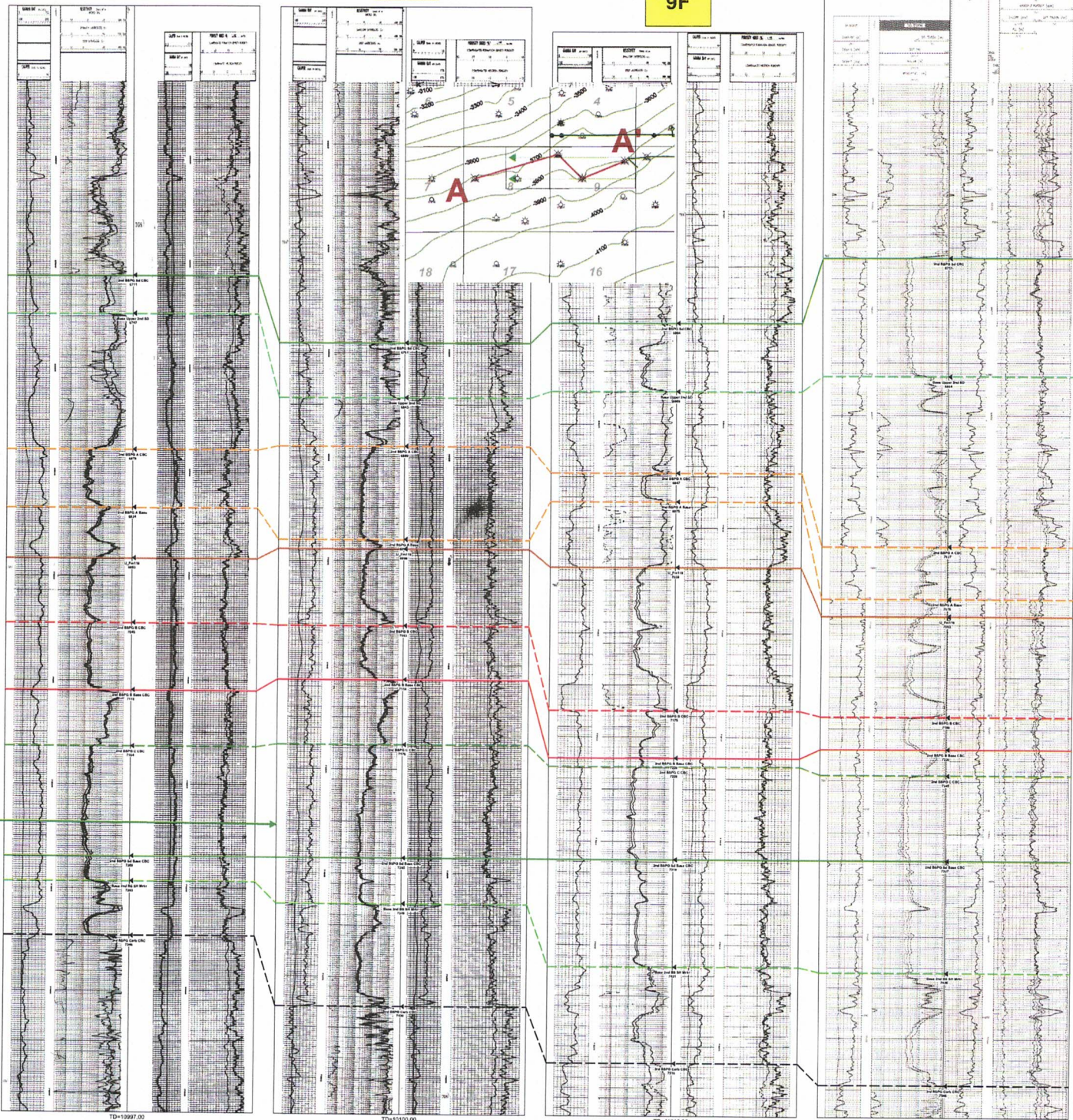
9A

Top 2nd BSPG SD

Double Stamp 9/8 2nd BSPG SD Target

Base 2nd BSPG SD

Top 3rd BSPG Carbonate



Double Stamp 9/8 2nd BSPG SD
Cross Section Exhibit (A-A)

ATTACHMENT B



MEWBOURNE
OIL COMPANY

Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Seabass - Double Stamp Pad

Double Stamp 9/8 B2AB Fed Com #1H

OH

Plan: Plan #1

Standard Planning Report

28 December, 2022

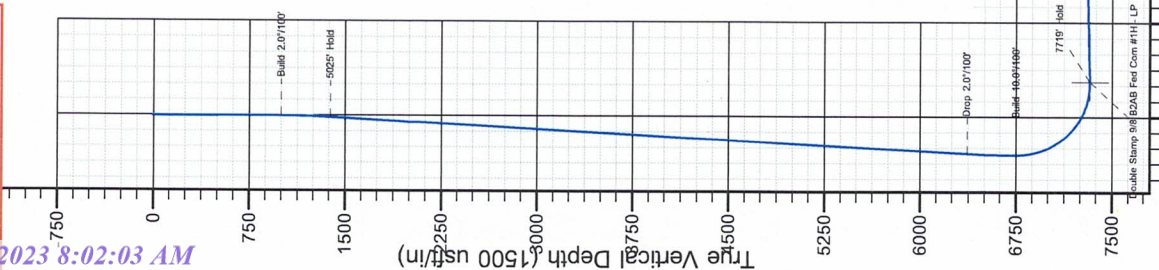
ATTACHMENT

C-1



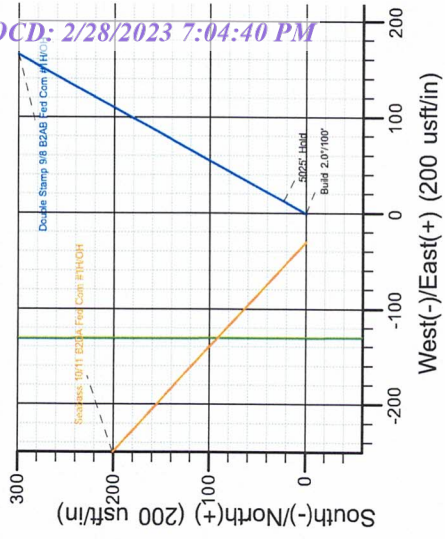
MEWBOURNE
OIL COMPANY

Azimuths to Grid North
True North: -0.14°
Magnetic North: 6.86°
Magnetic Field
Strength: 47667.0nT
Dip Angle: 60.42°
Date: 12/28/2022
Model: HDGM2022

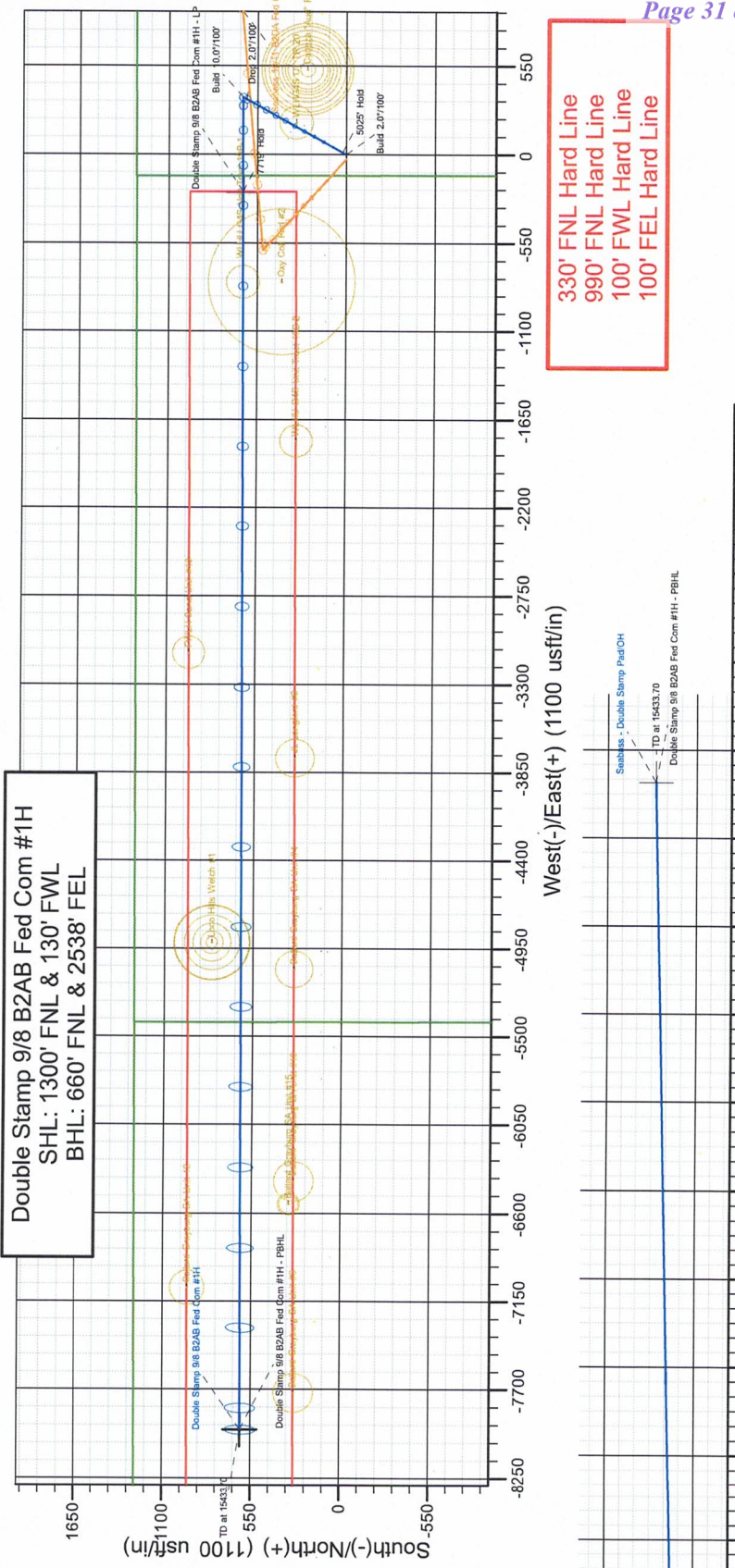


Site: Seabass - Double Stamp Pad
Well: Double Stamp 9/8 B2AB Fed Com #1H
Wellbore: OH
Design: Plan #1
Lat: 32.765687
Long: -104.070763
GL: 3507.00
KB: KB=28 @ 3535.00usft (Patterson 559)

WELL DETAILS: Double Stamp 9/8 B2AB Fed Com #1H									
+N/-S	+E/-W	Northing	Longitude						
0.00	0.00	642388.90	-104.070763						
WELLBORE TARGET DETAILS (LAT/LONG)									
Name	TVD	+N/-S	+E/-W						
Double Stamp 9/8 B2AB Fed Com #1H	15433.70	615.63	-7948.71						
Double Stamp 9/8 B2AB Fed Com #1H	7326.20	639.01	-231.57						
SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	Build 2.0°/100'
1388.59	7.77	28.92	1387.40	23.03	12.73	2.00	28.92	-10.91	5025' Hold
6413.33	7.77	28.92	6365.99	617.75	341.37	0.00	0.00	-292.64	Drop 2.0°/100'
6801.92	0.00	289.83	6753.38	640.78	354.09	2.00	180.00	-303.55	Build 10.0°/100'
7714.53	91.27	289.83	7326.20	639.01	-231.57	10.00	0.00	280.22	7719' Hold
15433.70	91.27	289.83	7155.00	615.63	-7948.71	0.00	0.00	7972.51	TD at 15433.70



Double Stamp 9/8 B2AB Fed Com #1H
SHL: 1300' FNL & 130' FWL
BHL: 660' FNL & 2538' FEL



330' FNL Hard Line
990' FNL Hard Line
100' FWL Hard Line
100' FEL Hard Line



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Double Stamp 9/8 B2AB Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Site:	Seabass - Double Stamp Pad	North Reference:	Grid
Well:	Double Stamp 9/8 B2AB Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	Eddy Co., NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Seabass - Double Stamp Pad				
Site Position:		Northing:	642,388.80 usft	Latitude:	32.765687
From:	Map	Easting:	622,017.40 usft	Longitude:	-104.070862
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Double Stamp 9/8 B2AB Fed Com #1H					
Well Position	+N/-S	0.00 usft	Northing:	642,388.90 usft	Latitude:	32.765687
	+E/-W	0.00 usft	Easting:	622,047.50 usft	Longitude:	-104.070764
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft	Ground Level:	3,507.00 usft
Grid Convergence:	0.14 °					

Wellbore	OH
-----------------	----

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	12/28/2022	7.00	60.42	47,667.00000000

Design	Plan #1
---------------	---------

Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	274.43

Plan Survey Tool Program	Date	12/28/2022			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	15,433.70	Plan #1 (OH)	MWD + HDGM	
				MWD + HDGM - Standard	

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,388.59	7.77	28.92	1,387.40	23.03	12.73	2.00	2.00	0.00	28.92	
6,413.33	7.77	28.92	6,365.99	617.75	341.37	0.00	0.00	0.00	0.00	
6,801.92	0.00	269.83	6,753.38	640.78	354.09	2.00	-2.00	0.00	180.00	
7,714.63	91.27	269.83	7,326.20	639.01	-231.57	10.00	10.00	0.00	0.00	Double Stamp 9/8 E
15,433.70	91.27	269.83	7,155.00	615.63	-7,948.71	0.00	0.00	0.00	0.00	Double Stamp 9/8 E



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Double Stamp 9/8 B2AB Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Site:	Seabass - Double Stamp Pad	North Reference:	Grid
Well:	Double Stamp 9/8 B2AB Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
385.00	0.00	0.00	385.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Salt Top										
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
860.00	0.00	0.00	860.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Salt Base										
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Build 2.0°/100'										
1,045.00	0.90	28.92	1,045.00	0.31	0.17	-0.15	2.00	2.00	0.00	0.00
Yates										
1,100.00	2.00	28.92	1,099.98	1.53	0.84	-0.72	2.00	2.00	0.00	0.00
1,200.00	4.00	28.92	1,199.84	6.11	3.38	-2.89	2.00	2.00	0.00	0.00
1,300.00	6.00	28.92	1,299.45	13.74	7.59	-6.51	2.00	2.00	0.00	0.00
1,388.59	7.77	28.92	1,387.40	23.03	12.73	-10.91	2.00	2.00	0.00	0.00
5025' Hold										
1,400.00	7.77	28.92	1,398.70	24.38	13.47	-11.55	0.00	0.00	0.00	0.00
1,411.40	7.77	28.92	1,410.00	25.73	14.22	-12.19	0.00	0.00	0.00	0.00
Seven Rivers										
1,500.00	7.77	28.92	1,497.79	36.22	20.01	-17.16	0.00	0.00	0.00	0.00
1,600.00	7.77	28.92	1,596.87	48.05	26.55	-22.76	0.00	0.00	0.00	0.00
1,700.00	7.77	28.92	1,695.95	59.89	33.09	-28.37	0.00	0.00	0.00	0.00
1,800.00	7.77	28.92	1,795.03	71.73	39.64	-33.98	0.00	0.00	0.00	0.00
1,900.00	7.77	28.92	1,894.11	83.56	46.18	-39.59	0.00	0.00	0.00	0.00
2,000.00	7.77	28.92	1,993.19	95.40	52.72	-45.19	0.00	0.00	0.00	0.00
2,067.43	7.77	28.92	2,060.00	103.38	57.13	-48.97	0.00	0.00	0.00	0.00
Queen										
2,100.00	7.77	28.92	2,092.27	107.23	59.26	-50.80	0.00	0.00	0.00	0.00
2,200.00	7.77	28.92	2,191.36	119.07	65.80	-56.41	0.00	0.00	0.00	0.00
2,300.00	7.77	28.92	2,290.44	130.91	72.34	-62.01	0.00	0.00	0.00	0.00
2,400.00	7.77	28.92	2,389.52	142.74	78.88	-67.62	0.00	0.00	0.00	0.00
2,461.04	7.77	28.92	2,450.00	149.97	82.87	-71.04	0.00	0.00	0.00	0.00
Grayburg										
2,500.00	7.77	28.92	2,488.60	154.58	85.42	-73.23	0.00	0.00	0.00	0.00
2,600.00	7.77	28.92	2,587.68	166.41	91.96	-78.83	0.00	0.00	0.00	0.00
2,700.00	7.77	28.92	2,686.76	178.25	98.50	-84.44	0.00	0.00	0.00	0.00
2,800.00	7.77	28.92	2,785.85	190.08	105.04	-90.05	0.00	0.00	0.00	0.00
2,900.00	7.77	28.92	2,884.93	201.92	111.58	-95.65	0.00	0.00	0.00	0.00
2,915.21	7.77	28.92	2,900.00	203.72	112.57	-96.51	0.00	0.00	0.00	0.00
San Andres										
3,000.00	7.77	28.92	2,984.01	213.76	118.12	-101.26	0.00	0.00	0.00	0.00
3,100.00	7.77	28.92	3,083.09	225.59	124.66	-106.87	0.00	0.00	0.00	0.00
3,200.00	7.77	28.92	3,182.17	237.43	131.20	-112.48	0.00	0.00	0.00	0.00
3,300.00	7.77	28.92	3,281.25	249.26	137.74	-118.08	0.00	0.00	0.00	0.00
3,400.00	7.77	28.92	3,380.33	261.10	144.28	-123.69	0.00	0.00	0.00	0.00
3,500.00	7.77	28.92	3,479.42	272.94	150.82	-129.30	0.00	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Double Stamp 9/8 B2AB Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Site:	Seabass - Double Stamp Pad	North Reference:	Grid
Well:	Double Stamp 9/8 B2AB Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)
3,600.00	7.77	28.92	3,578.50	284.77	157.36	-134.90	0.00	0.00	0.00
3,700.00	7.77	28.92	3,677.58	296.61	163.90	-140.51	0.00	0.00	0.00
3,800.00	7.77	28.92	3,776.66	308.44	170.44	-146.12	0.00	0.00	0.00
3,900.00	7.77	28.92	3,875.74	320.28	176.98	-151.72	0.00	0.00	0.00
4,000.00	7.77	28.92	3,974.82	332.11	183.52	-157.33	0.00	0.00	0.00
4,100.00	7.77	28.92	4,073.90	343.95	190.06	-162.94	0.00	0.00	0.00
4,200.00	7.77	28.92	4,172.99	355.79	196.60	-168.54	0.00	0.00	0.00
4,204.05	7.77	28.92	4,177.00	356.27	196.87	-168.77	0.00	0.00	0.00
Bone Spring									
4,300.00	7.77	28.92	4,272.07	367.62	203.15	-174.15	0.00	0.00	0.00
4,400.00	7.77	28.92	4,371.15	379.46	209.69	-179.76	0.00	0.00	0.00
4,500.00	7.77	28.92	4,470.23	391.29	216.23	-185.37	0.00	0.00	0.00
4,600.00	7.77	28.92	4,569.31	403.13	222.77	-190.97	0.00	0.00	0.00
4,700.00	7.77	28.92	4,668.39	414.97	229.31	-196.58	0.00	0.00	0.00
4,800.00	7.77	28.92	4,767.47	426.80	235.85	-202.19	0.00	0.00	0.00
4,900.00	7.77	28.92	4,866.56	438.64	242.39	-207.79	0.00	0.00	0.00
5,000.00	7.77	28.92	4,965.64	450.47	248.93	-213.40	0.00	0.00	0.00
5,100.00	7.77	28.92	5,064.72	462.31	255.47	-219.01	0.00	0.00	0.00
5,200.00	7.77	28.92	5,163.80	474.14	262.01	-224.61	0.00	0.00	0.00
5,300.00	7.77	28.92	5,262.88	485.98	268.55	-230.22	0.00	0.00	0.00
5,400.00	7.77	28.92	5,361.96	497.82	275.09	-235.83	0.00	0.00	0.00
5,500.00	7.77	28.92	5,461.04	509.65	281.63	-241.43	0.00	0.00	0.00
5,600.00	7.77	28.92	5,560.13	521.49	288.17	-247.04	0.00	0.00	0.00
5,700.00	7.77	28.92	5,659.21	533.32	294.71	-252.65	0.00	0.00	0.00
5,800.00	7.77	28.92	5,758.29	545.16	301.25	-258.26	0.00	0.00	0.00
5,900.00	7.77	28.92	5,857.37	557.00	307.79	-263.86	0.00	0.00	0.00
6,000.00	7.77	28.92	5,956.45	568.83	314.33	-269.47	0.00	0.00	0.00
6,100.00	7.77	28.92	6,055.53	580.67	320.87	-275.08	0.00	0.00	0.00
6,200.00	7.77	28.92	6,154.61	592.50	327.41	-280.68	0.00	0.00	0.00
6,243.79	7.77	28.92	6,198.00	597.69	330.28	-283.14	0.00	0.00	0.00
1st Bone Spring Sand									
6,300.00	7.77	28.92	6,253.70	604.34	333.95	-286.29	0.00	0.00	0.00
6,400.00	7.77	28.92	6,352.78	616.17	340.49	-291.90	0.00	0.00	0.00
6,413.33	7.77	28.92	6,365.99	617.75	341.37	-292.64	0.00	0.00	0.00
Drop 2.0°/100'									
6,500.00	6.04	28.92	6,452.02	626.87	346.40	-296.96	2.00	-2.00	0.00
6,600.00	4.04	28.92	6,551.63	634.56	350.65	-300.61	2.00	-2.00	0.00
6,700.00	2.04	28.92	6,651.49	639.20	353.22	-302.80	2.00	-2.00	0.00
6,801.92	0.00	269.83	6,753.38	640.78	354.09	-303.55	2.00	-2.00	0.00
Build 10.0°/100'									
6,850.00	4.81	269.83	6,801.41	640.78	352.08	-301.54	10.00	10.00	0.00
6,900.00	9.81	269.83	6,850.99	640.76	345.72	-295.21	10.00	10.00	0.00
6,902.04	10.01	269.83	6,853.00	640.76	345.37	-294.86	10.00	10.00	0.00
2nd Bone Spring Sand									
6,950.00	14.81	269.83	6,899.82	640.73	335.06	-284.59	10.00	10.00	0.00
7,000.00	19.81	269.83	6,947.54	640.68	320.19	-269.76	10.00	10.00	0.00
7,050.00	24.81	269.83	6,993.79	640.62	301.22	-250.85	10.00	10.00	0.00
7,100.00	29.81	269.83	7,038.20	640.55	278.29	-227.99	10.00	10.00	0.00
7,150.00	34.81	269.83	7,080.45	640.47	251.57	-201.36	10.00	10.00	0.00
7,200.00	39.81	269.83	7,120.20	640.38	221.28	-171.17	10.00	10.00	0.00
7,250.00	44.81	269.83	7,157.17	640.28	187.63	-137.63	10.00	10.00	0.00
7,300.00	49.81	269.83	7,191.06	640.17	150.89	-101.01	10.00	10.00	0.00
7,350.00	54.81	269.83	7,221.62	640.05	111.34	-61.58	10.00	10.00	0.00



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Double Stamp 9/8 B2AB Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Site:	Seabass - Double Stamp Pad	North Reference:	Grid
Well:	Double Stamp 9/8 B2AB Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)
7,400.00	59.81	269.83	7,248.62	639.92	69.27	-19.65	10.00	10.00	0.00
7,450.00	64.81	269.83	7,271.85	639.79	25.02	24.46	10.00	10.00	0.00
7,500.00	69.81	269.83	7,291.13	639.65	-21.10	70.43	10.00	10.00	0.00
7,550.00	74.81	269.83	7,306.32	639.50	-68.72	117.90	10.00	10.00	0.00
7,600.00	79.81	269.83	7,317.30	639.36	-117.48	166.50	10.00	10.00	0.00
7,650.00	84.81	269.83	7,323.99	639.21	-167.02	215.88	10.00	10.00	0.00
7,700.00	89.81	269.83	7,326.34	639.05	-216.94	265.64	10.00	10.00	0.00
7,714.63	91.27	269.83	7,326.20	639.01	-231.57	280.22	10.00	10.00	0.00
7719' Hold									
7,800.00	91.27	269.83	7,324.31	638.75	-316.92	365.30	0.00	0.00	0.00
7,900.00	91.27	269.83	7,322.09	638.45	-416.90	464.95	0.00	0.00	0.00
8,000.00	91.27	269.83	7,319.87	638.15	-516.87	564.61	0.00	0.00	0.00
8,100.00	91.27	269.83	7,317.65	637.84	-616.85	664.26	0.00	0.00	0.00
8,200.00	91.27	269.83	7,315.44	637.54	-716.82	763.91	0.00	0.00	0.00
8,300.00	91.27	269.83	7,313.22	637.24	-816.80	863.56	0.00	0.00	0.00
8,400.00	91.27	269.83	7,311.00	636.93	-916.77	963.22	0.00	0.00	0.00
8,500.00	91.27	269.83	7,308.78	636.63	-1,016.75	1,062.87	0.00	0.00	0.00
8,600.00	91.27	269.83	7,306.56	636.33	-1,116.72	1,162.52	0.00	0.00	0.00
8,700.00	91.27	269.83	7,304.35	636.03	-1,216.70	1,262.18	0.00	0.00	0.00
8,800.00	91.27	269.83	7,302.13	635.72	-1,316.67	1,361.83	0.00	0.00	0.00
8,900.00	91.27	269.83	7,299.91	635.42	-1,416.65	1,461.48	0.00	0.00	0.00
9,000.00	91.27	269.83	7,297.69	635.12	-1,516.62	1,561.14	0.00	0.00	0.00
9,100.00	91.27	269.83	7,295.47	634.81	-1,616.60	1,660.79	0.00	0.00	0.00
9,200.00	91.27	269.83	7,293.26	634.51	-1,716.57	1,760.44	0.00	0.00	0.00
9,300.00	91.27	269.83	7,291.04	634.21	-1,816.55	1,860.09	0.00	0.00	0.00
9,400.00	91.27	269.83	7,288.82	633.91	-1,916.52	1,959.75	0.00	0.00	0.00
9,500.00	91.27	269.83	7,286.60	633.60	-2,016.50	2,059.40	0.00	0.00	0.00
9,600.00	91.27	269.83	7,284.38	633.30	-2,116.47	2,159.05	0.00	0.00	0.00
9,700.00	91.27	269.83	7,282.17	633.00	-2,216.45	2,258.71	0.00	0.00	0.00
9,800.00	91.27	269.83	7,279.95	632.69	-2,316.42	2,358.36	0.00	0.00	0.00
9,900.00	91.27	269.83	7,277.73	632.39	-2,416.40	2,458.01	0.00	0.00	0.00
10,000.00	91.27	269.83	7,275.51	632.09	-2,516.37	2,557.67	0.00	0.00	0.00
10,100.00	91.27	269.83	7,273.30	631.79	-2,616.35	2,657.32	0.00	0.00	0.00
10,200.00	91.27	269.83	7,271.08	631.48	-2,716.32	2,756.97	0.00	0.00	0.00
10,300.00	91.27	269.83	7,268.86	631.18	-2,816.30	2,856.63	0.00	0.00	0.00
10,400.00	91.27	269.83	7,266.64	630.88	-2,916.27	2,956.28	0.00	0.00	0.00
10,500.00	91.27	269.83	7,264.42	630.57	-3,016.25	3,055.93	0.00	0.00	0.00
10,600.00	91.27	269.83	7,262.21	630.27	-3,116.22	3,155.58	0.00	0.00	0.00
10,700.00	91.27	269.83	7,259.99	629.97	-3,216.20	3,255.24	0.00	0.00	0.00
10,800.00	91.27	269.83	7,257.77	629.66	-3,316.17	3,354.89	0.00	0.00	0.00
10,900.00	91.27	269.83	7,255.55	629.36	-3,416.14	3,454.54	0.00	0.00	0.00
11,000.00	91.27	269.83	7,253.33	629.06	-3,516.12	3,554.20	0.00	0.00	0.00
11,100.00	91.27	269.83	7,251.12	628.76	-3,616.09	3,653.85	0.00	0.00	0.00
11,200.00	91.27	269.83	7,248.90	628.45	-3,716.07	3,753.50	0.00	0.00	0.00
11,300.00	91.27	269.83	7,246.68	628.15	-3,816.04	3,853.16	0.00	0.00	0.00
11,400.00	91.27	269.83	7,244.46	627.85	-3,916.02	3,952.81	0.00	0.00	0.00
11,500.00	91.27	269.83	7,242.25	627.54	-4,015.99	4,052.46	0.00	0.00	0.00
11,600.00	91.27	269.83	7,240.03	627.24	-4,115.97	4,152.11	0.00	0.00	0.00
11,700.00	91.27	269.83	7,237.81	626.94	-4,215.94	4,251.77	0.00	0.00	0.00
11,800.00	91.27	269.83	7,235.59	626.64	-4,315.92	4,351.42	0.00	0.00	0.00
11,900.00	91.27	269.83	7,233.37	626.33	-4,415.89	4,451.07	0.00	0.00	0.00
12,000.00	91.27	269.83	7,231.16	626.03	-4,515.87	4,550.73	0.00	0.00	0.00
12,100.00	91.27	269.83	7,228.94	625.73	-4,615.84	4,650.38	0.00	0.00	0.00
12,200.00	91.27	269.83	7,226.72	625.42	-4,715.82	4,750.03	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Double Stamp 9/8 B2AB Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Site:	Seabass - Double Stamp Pad	North Reference:	Grid
Well:	Double Stamp 9/8 B2AB Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)
12,300.00	91.27	269.83	7,224.50	625.12	-4,815.79	4,849.69	0.00	0.00	0.00
12,400.00	91.27	269.83	7,222.28	624.82	-4,915.77	4,949.34	0.00	0.00	0.00
12,500.00	91.27	269.83	7,220.07	624.52	-5,015.74	5,048.99	0.00	0.00	0.00
12,600.00	91.27	269.83	7,217.85	624.21	-5,115.72	5,148.65	0.00	0.00	0.00
12,700.00	91.27	269.83	7,215.63	623.91	-5,215.69	5,248.30	0.00	0.00	0.00
12,800.00	91.27	269.83	7,213.41	623.61	-5,315.67	5,347.95	0.00	0.00	0.00
12,900.00	91.27	269.83	7,211.19	623.30	-5,415.64	5,447.60	0.00	0.00	0.00
13,000.00	91.27	269.83	7,208.98	623.00	-5,515.62	5,547.26	0.00	0.00	0.00
13,100.00	91.27	269.83	7,206.76	622.70	-5,615.59	5,646.91	0.00	0.00	0.00
13,200.00	91.27	269.83	7,204.54	622.40	-5,715.57	5,746.56	0.00	0.00	0.00
13,300.00	91.27	269.83	7,202.32	622.09	-5,815.54	5,846.22	0.00	0.00	0.00
13,400.00	91.27	269.83	7,200.11	621.79	-5,915.52	5,945.87	0.00	0.00	0.00
13,500.00	91.27	269.83	7,197.89	621.49	-6,015.49	6,045.52	0.00	0.00	0.00
13,600.00	91.27	269.83	7,195.67	621.18	-6,115.47	6,145.18	0.00	0.00	0.00
13,700.00	91.27	269.83	7,193.45	620.88	-6,215.44	6,244.83	0.00	0.00	0.00
13,800.00	91.27	269.83	7,191.23	620.58	-6,315.42	6,344.48	0.00	0.00	0.00
13,900.00	91.27	269.83	7,189.02	620.28	-6,415.39	6,444.13	0.00	0.00	0.00
14,000.00	91.27	269.83	7,186.80	619.97	-6,515.37	6,543.79	0.00	0.00	0.00
14,100.00	91.27	269.83	7,184.58	619.67	-6,615.34	6,643.44	0.00	0.00	0.00
14,200.00	91.27	269.83	7,182.36	619.37	-6,715.32	6,743.09	0.00	0.00	0.00
14,300.00	91.27	269.83	7,180.14	619.06	-6,815.29	6,842.75	0.00	0.00	0.00
14,400.00	91.27	269.83	7,177.93	618.76	-6,915.27	6,942.40	0.00	0.00	0.00
14,500.00	91.27	269.83	7,175.71	618.46	-7,015.24	7,042.05	0.00	0.00	0.00
14,600.00	91.27	269.83	7,173.49	618.16	-7,115.22	7,141.71	0.00	0.00	0.00
14,700.00	91.27	269.83	7,171.27	617.85	-7,215.19	7,241.36	0.00	0.00	0.00
14,800.00	91.27	269.83	7,169.05	617.55	-7,315.17	7,341.01	0.00	0.00	0.00
14,900.00	91.27	269.83	7,166.84	617.25	-7,415.14	7,440.67	0.00	0.00	0.00
15,000.00	91.27	269.83	7,164.62	616.94	-7,515.12	7,540.32	0.00	0.00	0.00
15,100.00	91.27	269.83	7,162.40	616.64	-7,615.09	7,639.97	0.00	0.00	0.00
15,200.00	91.27	269.83	7,160.18	616.34	-7,715.07	7,739.62	0.00	0.00	0.00
15,300.00	91.27	269.83	7,157.97	616.03	-7,815.04	7,839.28	0.00	0.00	0.00
15,400.00	91.27	269.83	7,155.75	615.73	-7,915.02	7,938.93	0.00	0.00	0.00
15,433.70	91.27	269.83	7,155.00	615.63	-7,948.71	7,972.51	0.00	0.00	0.00
TD at 15433.70									

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
Double Stamp 9/8 B2, - plan hits target center - Point	0.00	0.00	7,155.00	615.63	-7,948.71	643,004.53	614,098.79	32.767430	-104.096618
Double Stamp 9/8 B2, - plan hits target center - Point	0.00	0.01	7,326.20	639.01	-231.57	643,027.91	621,815.93	32.767445	-104.071512



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Double Stamp 9/8 B2AB Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 3535.00usft (Patterson 559)
Site:	Seabass - Double Stamp Pad	North Reference:	Grid
Well:	Double Stamp 9/8 B2AB Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
385.00	385.00	Salt Top				
860.00	860.00	Salt Base				
1,045.00	1,045.00	Yates				
1,411.40	1,410.00	Seven Rivers				
2,067.43	2,060.00	Queen				
2,461.04	2,450.00	Grayburg				
2,915.21	2,900.00	San Andres				
4,204.05	4,177.00	Bone Spring				
6,243.79	6,198.00	1st Bone Spring Sand				
6,902.04	6,853.00	2nd Bone Spring Sand				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
1,000.00	1,000.00	0.00	0.00	Build 2.0°/100'	
1,388.59	1,387.40	23.03	12.73	5025' Hold	
6,413.33	6,365.99	617.75	341.37	Drop 2.0°/100'	
6,801.92	6,753.38	640.78	354.09	Build 10.0°/100'	
7,714.63	7,326.20	639.01	-231.57	7719' Hold	
15,433.70	7,155.00	615.63	-7,948.71	TD at 15433.70	