

**Before the Oil Conservation Division
Examiner Hearing May 2, 2024**

Case No. 24085

Cobra Cobretti BS Federal Com 301H

Cobra Cobretti BS Federal Com 302H

Cobra Cobretti BS Federal Com 552H

Cobra Cobretti BS Federal Com 554H



**Oil Conservation Division
Hearing
Thursday, May 2nd, 2024**

**OCD Case 24085
Marathon Oil Permian LLC**

Hearing Exhibits

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Exhibit A

**Affidavit of Ernest L. Padilla, Attorney
Compulsory Pooling Checklist**

Exhibit B

Affidavit of Ryan Gyllenband, Landman

Exhibit C

Affidavit of Greg Buratowski, Geologist

**Oil Conservation Division
Hearing**

Thursday, May 2, 2024

**OCD Case 24085
Marathon Oil Permian LLC**

Hearing Exhibits

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Exhibit A

Affidavit of Ernest L. Padilla

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MODRALL SPERLING

L A W Y E R S

December 13, 2023

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Deana M. Bennett
505.848.1834
dnb@modrall.com

**Re: APPLICATION OF MARATHON OIL PERMIAN, LLC
FOR A COMPULSORY POOLING AND TO THE EXTENT
NECESSARY APPROVAL OF AN OVERLAPPING SPACING
UNIT, EDDY COUNTY, NEW MEXICO.**

CASE NO. 24085

TO: AFFECTED PARTIES

This letter is to advise you that Marathon Oil Permian, LLC ("Marathon") has filed the enclosed application.

In Case No. 24085, Marathon seeks an order from the Division pooling all uncommitted mineral interests within a standard 800-acre, more or less, Bone Spring horizontal spacing unit underlying the SE/4 of Section 25, the E/2 of Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the Cobra Cobretti BS Federal Com 301H, Cobra Cobretti BS Federal Com 302H, Cobra Cobretti BS Federal Com 551H, Cobra Cobretti BS Federal Com 552H, Cobra Cobretti BS Federal Com 553H, and Cobra Cobretti BS Federal Com 554H wells, to be horizontally drilled. The wells will be drilled at orthodox locations. The completed intervals for Cobra Cobretti BS Federal Com 302H and the Cobra Cobretti BS Federal Com 552H are each expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit. Applicant seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed spacing unit will partially overlap the following existing Bone Spring spacing units:

- a. A 240-acre horizontal well spacing unit comprised of the E/2SE/4 of Section 25 and the E/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #007H well (API 30-015-46201)

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- b. A 240-acre horizontal well spacing unit comprised of the W/2SE/4 of Section 25 and the W/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #004H well (API 30-015-46200)
- c. A 320-acre horizontal well spacing unit comprised of the E/2 of Section 1, Township 25 South, Range 28 East, dedicated to Marathon's Whistle Pig 1 SB Federal Com #005H well (API 30-015-45174).

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

The hearing will be conducted remotely on January 4, 2024 beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>.

As a party who may be affected by this application, we are notifying you of your right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the application. Failure to appear at the hearing may preclude you from any involvement in this case at a later date.

You are further notified that if you desire to appear in this case, then you are requested to file a Pre-Hearing Statement with the Division at least four business days in advance of a scheduled hearing before the Division or the Commission, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date, with a copy delivered to the undersigned.

Sincerely,



Deana M. Bennett

Attorney for Applicant

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

APPLICATION OF MARATHON OIL PERMIAN
LLC FOR COMPULSORY POOLING AND,
TO THE EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT,
EDDY COUNTY, NEW MEXICO.

CASE NO. 24085

APPLICATION

1. Marathon Oil Permian LLC ("Marathon"), OGRID Number 372098, through its undersigned attorneys, hereby submits this application to the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted mineral interests within a standard 800-acre, more or less, Bone Spring horizontal spacing unit comprising the SE/4 of Section 25, the E/2 of Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico to form a standard 800-acre, more or less, Bone Spring spacing unit. Marathon also seeks, to the extent necessary, approval of an overlapping spacing unit. In support of this application, Marathon states as follows:

2. Marathon is an interest owner in the subject lands and has a right to drill a well thereon.

3. Marathon seeks to dedicate the SE/4 of Section 25, the E/2 of Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico to form a standard 800-acre, more or less, Bone Spring spacing unit.

4. Marathon plans to drill the **Cobra Cobretti BS Federal Com 301H, Cobra Cobretti BS Federal Com 302H, Cobra Cobretti BS Federal Com 551H, Cobra Cobretti BS Federal Com 552H, Cobra Cobretti BS Federal Com 553H, and Cobra Cobretti BS Federal**

Com 554H wells to a depth sufficient to test the Bone Spring formation. The wells will be horizontally drilled, and the producing area for the wells is expected to be orthodox.

5. The completed intervals for **Cobra Cobretti BS Federal Com 302H** and the **Cobra Cobretti BS Federal Com 552H** are each expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.

6. Marathon's proposed spacing unit in this case will partially overlap the following existing Bone Spring spacing units:

- A 240-acre horizontal well spacing unit comprised of the E/2SE/4 of Section 25 and the E/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #007H well (API 30-015-46201)
- A 240-acre horizontal well spacing unit comprised of the W/2SE/4 of Section 25 and the W/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #004H well (API 30-015-46200)
- A 320-acre horizontal well spacing unit comprised of the E/2 of Section 1, Township 25 South, Range 28 East, dedicated to Marathon's Whistle Pig 1 SB Federal Com #005H well (API 30-015-45174).

7. Marathon sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

8. The pooling of all interests in the Bone Spring formation underlying the proposed unit and approving, to the extent necessary, the overlapping spacing unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Marathon requests this application be set for hearing before an Examiner of the Oil Conservation Division on January 4, 2024 and after notice and hearing as required by law, the Division enter its order:

- A. Pooling all uncommitted interests in the Bone Spring formation underlying a horizontal spacing unit within the SE/4 of Section 25, the E/2 of Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico;
- B. Approving, to the extent necessary, the proposed overlapping spacing unit;
- C. Designating Marathon as operator of this unit and the wells to be drilled thereon;
- D. Authorizing Marathon to recover its costs of drilling, equipping and completing the wells;
- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: *Deana M. Bennett*

Deana M. Bennett
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
Attorneys for Applicant

CASE NO. 24085 : Application of Marathon Oil Permian LLC for compulsory pooling and, to the extent necessary, approval of an overlapping spacing unit, Eddy County, New Mexico. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a standard 800-acre, more or less, Bone Spring horizontal spacing unit underlying the SE/4 of Section 25, the E/2 of Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the Cobra Cobretti BS Federal Com 301H, Cobra Cobretti BS Federal Com 302H, Cobra Cobretti BS Federal Com 551H, Cobra Cobretti BS Federal Com 552H, Cobra Cobretti BS Federal Com 553H, and Cobra Cobretti BS Federal Com 554H wells, to be horizontally drilled. The wells will be drilled at orthodox locations. The completed intervals for Cobra Cobretti BS Federal Com 302H and the Cobra Cobretti BS Federal Com 552H are each expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit. Applicant seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed spacing unit will partially overlap the following existing Bone Spring spacing units:

- A 240-acre horizontal well spacing unit comprised of the E/2SE/4 of Section 25 and the E/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #007H well (API 30-015-46201)
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- A 320-acre horizontal well spacing unit comprised of the E/2 of Section 1, Township 25 South, Range 28 East, dedicated to Marathon's Whistle Pig 1 SB Federal Com #005H well (API 30-015-45174).

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

Karlene Schuman
 Modrall Sperlberg Roehl Harris & Sisk P.A.
 500 Fourth Street, Suite 1000
 Albuquerque NM 87102

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Type of Mailing: CERTIFIED MAIL
 12/13/2023

Firm Mailing Book ID: 257253

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0115 0893 76	Murehison Oil and Gas, LLC 7250 Dallas Parkway Legacy Tower I, Suite 1400 Plano TX 75024	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
2	9314 8699 0430 0115 0893 83	OXY USA, Inc. 5 Greenway Plaza, Suite 110 Houston TX 77046	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
3	9314 8699 0430 0115 0893 90	Foran Oil Company 5400 LBJ Freeway, Suite 1500 Dallas TX 75240	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
4	9314 8699 0430 0115 0894 06	COG Production LLC 600 W. Illinois Ave. Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
5	9314 8699 0430 0115 0894 13	The Allar Company 735 Elm Street Graham TX 76450	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
6	9314 8699 0430 0115 0894 20	Performance Oil and Gas Company 5400 LBJ Freeway, Suite 1500 Dallas TX 75240	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
7	9314 8699 0430 0115 0894 37	Magnum Hunter Production, Inc. 840 Gessner Road, Suite 1400 Houston TX 77024	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
8	9314 8699 0430 0115 0894 44	Occidental Permian Limited Partnership 5 Greenway Plaza, Suite 110 Houston TX 77046	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
9	9314 8699 0430 0115 0894 51	W.T. Boyle & Company P.O. Box 57 Graham TX 76450	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
10	9314 8699 0430 0115 0894 68	H.M. Bertis, Inc. P.O. Box 1240 Graham TX 76450	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
11	9314 8699 0430 0115 0894 75	Stovall Energy, Ltd. 605 3rd Street Graham TX 76450	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
12	9314 8699 0430 0115 0894 82	OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston TX 77046	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
13	9314 8699 0430 0115 0894 99	COG Operating LLC 600 W. Illinois Ave. Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
14	9314 8699 0430 0115 0895 05	Peter Balog, Trustee of the Balog Family Trust 25812 S. Dartford Drive Sun Lakes AZ 85248	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice
15	9314 8699 0430 0115 0895 12	Riverhill Energy Corporation P.O. Box 316 Wellborn TX 77881	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237, Notice



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16	9314 8699 0430 0115 0895 29	Bearing Service & Supply Company, Inc. 1327 N. Market Street Shreveport LA 71107	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
17	9314 8699 0430 0115 0895 36	CD Ray Exploration, LLC P.O. Box 51608 Midland TX 79710	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
18	9314 8699 0430 0115 0895 43	Levi Oil & Gas, LLC 611 W. Mahone Avenue, Suite D Artesia NM 88210	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
19	9314 8699 0430 0115 0895 50	RealTimeZone II, LLC P.O. Box 40 Cedar Crest NM 87008	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
20	9314 8699 0430 0115 0895 67	DSD Energy Resources, LLC 300 State Street, Unit 92609 Southlake TX 76092	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
21	9314 8699 0430 0115 0895 74	Covey Energy Partners, LP P.O. Box 50938 Midland TX 79710	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
22	9314 8699 0430 0115 0895 81	Hanley Petroleum LLC P.O. Box 1348 Fort Worth TX 76101	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
23	9314 8699 0430 0115 0895 98	Richardson Mineral & Royalty, LLC P.O. Box 2423 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
24	9314 8699 0430 0115 0896 04	COG Acreage LP 600 W. Illinois Ave. Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
25	9314 8699 0430 0115 0896 11	Permian Basin Investment Corporation 4010 Chainhurst Drive Richardson TX 75082	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
26	9314 8699 0430 0115 0896 28	Marks Oil, Inc. 1775 Sherman Street, Suite 2015 Denver CO 80203	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
27	9314 8699 0430 0115 0896 35	RSC Resources, LP P.O. Box 8329 Horseshoe Bay TX 78657	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
28	9314 8699 0430 0115 0896 42	Guinn Family Properties, L.P. 623 Elm Street, Suite 306 Graham TX 76450	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
29	9314 8699 0430 0115 0896 59	Warwick-Artemis, LLC 6608 N. Western Avenue, #417 Oklahoma City OK 73116	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
30	9314 8699 0430 0115 0896 66	Engwall Living Trust 2707 Duval Drive Dallas TX 75211	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice



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31	9314 8699 0430 0115 0896 73	Slash Exploration Limited Partnership 500 N. Main Street, Suite 200 Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
32	9314 8699 0430 0115 0896 80	A. Wayne Davenport and wife, Karen Davenport 2906 Broadway Boulevard NE Albuquerque NM 87107	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
33	9314 8699 0430 0115 0896 97	Candice and Dean Delleney 3643 Canyon Creek Circle Tyler TX 75707	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
34	9314 8699 0430 0115 0897 03	Crump Family Limited Partnership, Ltd. P.O. Box 50820 Midland TX 79710	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
35	9314 8699 0430 0115 0897 10	Collins & Jones Investments, LLC 3824 Cedar Springs Road Dallas TX 75219	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
36	9314 8699 0430 0115 0897 27	I-43 Associates, Inc. 903 Douglas Avenue Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
37	9314 8699 0430 0115 0897 34	Tres Perros, Inc. P.O. Box 6581 Scottsdale AZ 85261	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
38	9314 8699 0430 0115 0897 41	Essayons Properties, LLC 4701 Jim Mitchell Trail West Colleyville TX 76034	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
39	9314 8699 0430 0115 0897 65	Cellar Investments, LLC P.O. Box 880 Justin TX 76247	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
40	9314 8699 0430 0115 0897 72	Bid Group, LLC P.O. Box 5085 Scottsdale AZ 85261	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
41	9314 8699 0430 0115 0897 89	Robin L. Morgan, Personal Representative of the Estate of Frank & Robin Morgan 135 W. Cottonwood Road Artesia NM 88210	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
42	9314 8699 0430 0115 0897 96	Judah Oil, LLC 611 W. Mahone Avenue, Suite D Artesia NM 88210	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
43	9314 8699 0430 0115 0898 02	LHAH Properties, LLC P.O. Box 1348 Fort Worth TX 76101	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
44	9314 8699 0430 0115 0898 19	Stillwater Investments 3703 McGroom Street Dallas TX 75212	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
45	9314 8699 0430 0115 0898 26	M Code LLC 5744 E Joshua Tree Lane Paradise Valley AZ 85253	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice



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46	9314 8699 0430 0115 0898 33	Beachburns Energy, LLC 7920 E. Thompson Peak Parkway, Suite 150 Scottsdale AZ 85255	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
47	9314 8699 0430 0115 0898 40	David W. Cromwell 2008 Country Club Street Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
48	9314 8699 0430 0115 0898 57	H6 Holdings, LLC P.O. Box 1212 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
49	9314 8699 0430 0115 0898 64	Jarvis J. Slade and wife, Pamela Ferrari Slade 535 Madison Avenue, 4th Floor New York NY 10022	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
50	9314 8699 0430 0115 0898 71	TBO Oil & Gas, LLC P.O. Box 10502 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
51	9314 8699 0430 0115 0898 88	The Trustee of Richard & Alice Farrell Living Trust dated 6-2-97, restated 11-2-05 1403 W. Riverside Drive Carlsbad NM 88220	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
52	9314 8699 0430 0115 0898 95	Patricia L. Spurlin a/k/a Patricia Hartly 105 Warren Tucker Drive Carlsbad NM 88220	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
53	9314 8699 0430 0115 0899 01	Ruidoso NM 88345 Alice Ann Farrell 1704 Nora Drive Pantego TX 76013	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
54	9314 8699 0430 0115 0899 18	Richard Gene Farrell, Jr. 303 Logan Lane Stephenville TX 76501	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
55	9314 8699 0430 0115 0899 25	Sitio Permian, LLC 15 Little West 12th Street, 5th Floor New York NY 10014	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
56	9314 8699 0430 0115 0899 32	Llano Natural Resources, LLC 6609 Toledo Avenue, Suite 2 Lubbock TX 79714	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
57	9314 8699 0430 0115 0899 49	Dorchester Minerals, L.P. 3838 Oak Lawn Avenue, Suite 300 Dallas TX 75219	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
58	9314 8699 0430 0115 0899 56	Centennial P.O. Box 1837 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
59	9314 8699 0430 0115 0899 63	Innovations, Inc. 10425 Bissonnet Street Houston TX 77069	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
60	9314 8699 0430 0115 0899 70	James K. Lusk and Martha L. Lusk, Trustees of Lusk Trust UTA dated 4/29/1992 P.O. Box 1310 Wilsonville OR 97070	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice



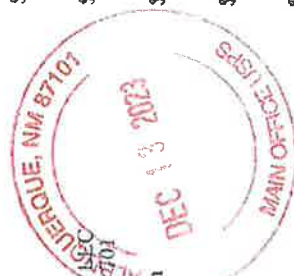
Karlene Schuman
 Modrall Sperleng Roehl Harris & Sisk P.A.
 500 Fourth Street, Suite 1000
 Albuquerque NM 87102

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Type of Mailing: CERTIFIED MAIL
 12/13/2023

Firm Mailing Book ID: 257253

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
61	9314 8699 0430 0115 0899 87	RCB Investments 1509 Latigo Circle Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
62	9314 8699 0430 0115 0899 94	Mitchell Exploration, Inc. 6212 Homestead Boulevard Midland TX 79707	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
63	9314 8699 0430 0115 0900 06	Wing Resources V, LLC 2100 McKinney Avenue, Suite 1540 Dallas TX 75201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
64	9314 8699 0430 0115 0900 13	ROEC, Inc. 528 S. Corona Street Denver CO 80209	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
65	9314 8699 0430 0115 0900 20	Energy Properties Limited, LP P.O. Box 51408 Casper WY 82605	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
66	9314 8699 0430 0115 0900 37	William N. Heiss & Susan Heiss, Co-Trustees of William N. Heiss Profit Sharing Plan P.O. Box 2944 Casper WY 82602	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
67	9314 8699 0430 0115 0900 44	Permian Basin Investment Corporation P.O. Box 2908 Odessa TX 79760	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
68	9314 8699 0430 0115 0900 51	Sam L. Shackelford 1096 Mechem Drive Ruidoso NM 88345	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
69	9314 8699 0430 0115 0900 68	West Bend Energy Partners III, L.P.C. 1320 S. University Drive, Suite 701 Fort Worth TX 76107	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
70	9314 8699 0430 0115 0900 75	Worrall Investment Corporation 500 N. Kentucky Avenue Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
71	9314 8699 0430 0115 0900 82	Roger Bellah 1509 Bryan Circle Carlsbad NM 88220	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
72	9314 8699 0430 0115 0900 99	Fortyniner Ridge, Inc. 4101 Indian School NE, #440, Altura B Albuquerque NM 87110	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
73	9314 8699 0430 0115 0901 05	RealTimeZone, Inc. P.O. Box 1834 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
74	9314 8699 0430 0115 0901 12	North Fork Land Management, LP 1000 W. Wilshire Boulevard, Suite 311 Nichols Hills OK 73116	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
75	9314 8699 0430 0115 0901 29	Hutchings Oil Company 40 First Plaza, Suite 510 Albuquerque NM 87102	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice



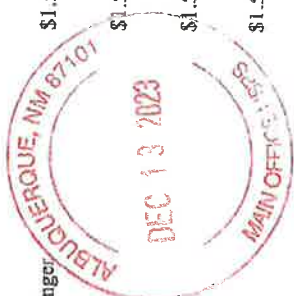
Karlene Schuman
 Modrall Sperling Roehl Harris & Sisk P.A.
 500 Fourth Street, Suite 1000
 Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
 12/13/2023

Firm Mailing Book ID: 257253

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
76	9314 8699 0430 0115 0901 36	JTD Resources 415 W. Wall Street, #1620 Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
77	9314 8699 0430 0115 0901 43	McCulliss Resources Co., Inc. P.O. Box 3248 Littleton CO 80161	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
78	9314 8699 0430 0115 0901 50	McCulliss Oil & Gas, Inc. P.O. Box 221515 Denver CO 80222	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
79	9314 8699 0430 0115 0901 67	Jordan Walterman 1985 Powers Ferr Road SE, Apt. B Marietta GA 30067	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
80	9314 8699 0430 0115 0901 74	Susan S. Murphy, as Trustee of the Susan S. Murphy Marital Trust UTA dated 11/15/2012 1301 N. Sycamore Avenue Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
81	9314 8699 0430 0115 0901 81	Mark B. Murphy, as Trustee of the Mark B. Murphy Irrevocable Trust UTA dated 12/11/2012 1301 N. Sycamore Avenue Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
82	9314 8699 0430 0115 0901 98	Jon Esslinger and Louis J. Esslinger 4125 Shagbark Street Fort Worth TX 76137	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
83	9314 8699 0430 0115 0902 04	Teryn Daley Gonzalez 6102 91st Lubbock TX 79424	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
84	9314 8699 0430 0115 0902 11	Scott Investment Corporation P.O. Box 10502 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
85	9314 8699 0430 0115 0902 28	Zumis Energy, LLC 15 E. 5th Street, Suite 330 Tulsa OK 74103	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
86	9314 8699 0430 0115 0902 35	Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts 15 E. 5th Street, Suite 330 Tulsa OK 74103	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
87	9314 8699 0430 0115 0902 42	Community Minerals, LLC 2925 Richmond Avenue, Suite 1200 Houston TX 77098	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
88	9314 8699 0430 0115 0902 59	Rio Brazos Mineral Company, LLC P.O. Box 2017 Graham TX 76450	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
89	9314 8699 0430 0115 0902 66	Laurence A. Smith and Rhonda Q. Smith, Trustees of L. Smith & R. Smith Family Trust 201 Main Street, Suite 2500 Fort Worth TX 76102	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice



Karlene Schuman
 Madral Sperring Roehl Harris & Sisk P.A.
 500 Fourth Street, Suite 1000
 Albuquerque NM 87102

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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest. Del. Fee	Reference Contents
90	9314 8699 0430 0115 0902 73	Rockwell Energy Resources, LLC P.O. Box 54584 Oklahoma City OK 73154	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
91	9314 8699 0430 0115 0902 80	Ronadero Company, Inc. P.O. Box 746 Big Horn WY 82833	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
92	9314 8699 0430 0115 0902 97	Mark L. Schilder and wife, Mitzi Shidler 11927 Broken Bough Drive Houston TX 77024	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
93	9314 8699 0430 0115 0903 03	Ward N. Adkins, Jr. 5519 Tupper Lake Houston TX 77056	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
94	9314 8699 0430 0115 0903 10	Zeus Petroleum, Inc. P.O. Box 458 Bellaire TX 77402	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
95	9314 8699 0430 0115 0903 27	Carbon Jack, LLC P.O. Box 1433 Chickasha OK 73023	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
96	9314 8699 0430 0115 0903 34	Jeb Corey Honeyman 2890 Forest Drive Celina TX 75009	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
97	9314 8699 0430 0115 0903 41	Brent Jeremy Honeyman 11 Spiceberry Place Spring TX 77382	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
98	9314 8699 0430 0115 0903 58	Strata Production Company 1301 N. Sycamore Avenue Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
99	9314 8699 0430 0115 0903 65	Southwest Petroleum Land Services, LLC 809 Twin Diamond Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
100	9314 8699 0430 0115 0903 72	Jennifer Ann Scott 706 Brazos Street Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
101	9314 8699 0430 0115 0903 89	OXY Y-1 Company P.O. Box 300 Tulsa OK 74102	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
102	9314 8699 0430 0115 0903 96	Newkomet Exploration, Inc. P.O. Box 11330 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
103	9314 8699 0430 0115 0904 02	Angelo Holdings, LLC P.O. Box 50086 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
104	9314 8699 0430 0115 0904 19	Tarpon Industries Corporation P.O. Box 52002 Midland TX 79710	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice



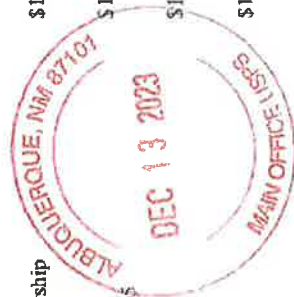
Karlene Schuman
 Modrall Sperlberg Roehl Harris & Sisk P.A.
 500 Fourth Street, Suite 1000
 Albuquerque NM 87102

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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
105	9314 8699 0430 0115 0904 26	I-43 Associates, Inc. 903 Douglas Avenue Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
106	9314 8699 0430 0115 0904 33	Oak Valley Mineral & Land, LP P.O. Box 50820 Midland TX 79710	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
107	9314 8699 0430 0115 0904 40	SM Energy Company 1700 N. Lincoln Street Denver CO 80203	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
108	9314 8699 0430 0115 0904 57	Dragoon Creek Minerals, LLC P.O. Box 470857 Fort Worth TX 76147	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
109	9314 8699 0430 0115 0904 64	Pegasus Resources NM, LLC 2821 W. 7th Street, Suite 500 Fort Worth TX 76107	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
110	9314 8699 0430 0115 0904 71	Chisos Minerals, LLC 2821 W. 7th Street, Suite 500 Fort Worth TX 76107	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
111	9314 8699 0430 0115 0904 88	Innarity Family Minerals, LLC 600 N. Mansfield, Suite 320 Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
112	9314 8699 0430 0115 0904 95	Alan Jochimsen 4209 Cardinal Lane Midland TX 79707	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
113	9314 8699 0430 0115 0905 01	States Royalty Limited Partnership P.O. Box 911 Breckenridge TX 76424	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
114	9314 8699 0430 0115 0905 18	Dutch-Irish Oil, Inc. 4325 Montecito Way, Spt. 3505 Fort Worth TX 76106	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
115	9314 8699 0430 0115 0905 25	E&S, LLC 3007 Riverside Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
116	9314 8699 0430 0115 0905 32	NM&T Resources, LLC P.O. Box 10523 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
117	9314 8699 0430 0115 0905 49	Patricia Blakeney 201 Plum Lane, #41 Carlsbad NM 88220	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
118	9314 8699 0430 0115 0905 56	Glen Blakeney 2727 Wiltshire Boulevard, Apt. 20A Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
119	9314 8699 0430 0115 0905 63	Paula Campbell 2707 Coronado Drive Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice



Karlene Schuman
 Modrall Sperlberg Roehli Harris & Sisk P.A.
 500 Fourth Street, Suite 1000
 Albuquerque NM 87102

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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
120	9314 8699 0430 0115 0905 70	Thomas K. Campbell 7 Rodco Spur Clondcroft NM 88317	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
121	9314 8699 0430 0115 0905 87	Elouise Justice 711 S. Country Club Lane Payson AZ AZ 85541	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
122	9314 8699 0430 0115 0905 94	Nancy Moorhead 1501 Culver Drive Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
123	9314 8699 0430 0115 0906 00	Helen D. Alpers Living Trust 1301 W. Country Club Road, Apt. 19 Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
124	9314 8699 0430 0115 0906 17	GHHunker, LLC P.O. Box 524 Lander WY 82520	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
125	9314 8699 0430 0115 0906 24	MKHM Oil, LLC 3200 N. Tacoma Street Arlington VA 22213	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
126	9314 8699 0430 0115 0906 31	Don Fedric P.O. Box 1837 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
127	9314 8699 0430 0115 0906 48	Michael James Ikard 1404 W. Riverside Carlsbad NM 88220	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
128	9314 8699 0430 0115 0906 55	Timothy Z. Jennings P.O. Box 1797 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
129	9314 8699 0430 0115 0906 62	Patrick J. Morello and Alice M. Morello 3534 Gettysburg Place Jefferson City MO 65109	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
130	9314 8699 0430 0115 0906 79	Norton LLC 60 Beach Avenue S. Darrmouth MA 02748	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
131	9314 8699 0430 0115 0906 86	Gene Shumate P.O. Box 2473 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
132	9314 8699 0430 0115 0906 93	Robert L. Thornton 7928 Vista Ridge Drive North Fort Worth TX 76132	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
133	9314 8699 0430 0115 0907 09	Kenneth D. Trumpfheiler 335 Brenham Pass Georgetown TX 78633	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
134	9314 8699 0430 0115 0907 16	3SD Interests, LLC 221 Doran Road Lovington NM 88260	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice



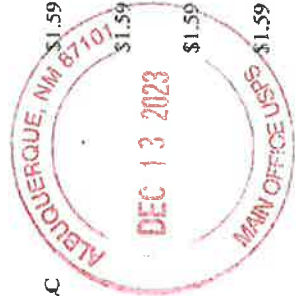
Karlene Schuman
 Modrall Sperling Roehl Harris & Sisk P.A.
 500 Fourth Street, Suite 1000
 Albuquerque NM 87102

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Type of Mailing: CERTIFIED MAIL
 12/13/2023

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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest. Del. Fee	Reference Contents
135	9314 8699 0430 0115 0907 23	Charles J. Kinsolving HC 65 Box 209 Crossroads NM 88114	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
136	9314 8699 0430 0115 0907 30	Ashley Dean Crow P.O. Box 97 Quanah TX 79252	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
137	9314 8699 0430 0115 0907 47	Lynn Medlin P.O. Box 367 Tatum NM 88267	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
138	9314 8699 0430 0115 0907 54	Billy R. Medlin P.O. Box 50086 Majamar NM 88246	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
139	9314 8699 0430 0115 0907 61	Moorhead Cattle Company 6760 W. Pine Lodge Road Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
140	9314 8699 0430 0115 0907 78	Estate of Donald R. Curry, John S. Curry, Executor 721 N. Russell Street Pampa TX 79065	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
141	9314 8699 0430 0115 0907 85	Rannon Hilburn 10003 Savannah Lubbock TX 79424	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
142	9314 8699 0430 0115 0907 92	1979 Royalties, LP 110 N. Mariefeld Street Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
143	9314 8699 0430 0115 0908 08	SMP Patriot Mineral Holdings, LLC 4143 Maple Avenue, Suite 500 Dallas TX 75219	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
144	9314 8699 0430 0115 0908 15	Monty D. McLane P.O. Box 9451 Midland TX 79708	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
145	9314 8699 0430 0115 0908 22	Siere Oil & Gas Corporation P.O. Box 2523 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
146	9314 8699 0430 0115 0908 39	Foran Oil Company 5400 LBJ Freeway, Suite 1500 Dallas TX 75240	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
147	9314 8699 0430 0115 0908 46	Donald E. Wenner and wife, Laurie Wenner 3600 Kessler Place Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
148	9314 8699 0430 0115 0908 53	Louis J. Hoffman 10515 Hartsook Street Houston TX 77034	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
149	9314 8699 0430 0115 0908 60	Eane Bigbie P.O. Box 10502 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice



Karlene Schuman
 Modrall Sperling Roehl Harris & Sisk P.A.
 500 Fourth Street, Suite 1000
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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest. Del. Fee	Reference Contents
150	9314 8699 0430 0115 0908 77	Paisano Partners 1508 Cerros De Morado SE Albuquerque NM 87123	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
151	9314 8699 0430 0115 0908 84	Carl A. Morgan and wife, Gwennetta B. Morgan 1211 E. Castilleberry Road Artesia NM 88210	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
152	9314 8699 0430 0115 0908 91	Long, LLC 215 S. State Street, Suite 100 Salt Lake City UT 84111	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
153	9314 8699 0430 0115 0909 07	The Tapearts Trust P.O. Box 44771 Phoenix AZ 85016	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
154	9314 8699 0430 0115 0909 14	L.T. Capital, LLC P.O. Box 44242 Phoenix AZ 85064	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
155	9314 8699 0430 0115 0909 21	Jim Whitehead Oil & Gas LLC 22403 N. Padaro Drive Sun City West AZ 85375	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
156	9314 8699 0430 0115 0909 38	Catalyst Energy, LLC 4430 N. 29th Street Phoenix AZ 85016	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
157	9314 8699 0430 0115 0909 45	Magic Merlin Energy Investments LLC 30 N. Gould Street, Suite 33183 Sheridan WY 82801	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
158	9314 8699 0430 0115 0909 52	Erik I. Knudson 3440 W. Jasper Drive Chandler AZ 85226	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
159	9314 8699 0430 0115 0909 69	Rewind21, LLC 6929 N. Hayden Road, Suite C-479 Scottsdale AZ 85250	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
160	9314 8699 0430 0115 0909 76	Rockwood Resources LLC 130 E. Mandalay Drive San Antonio TX 78212	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
161	9314 8699 0430 0115 0909 83	Marvin C. Gross P.O. Box 358 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
162	9314 8699 0430 0115 0909 90	David Wingo 7027 S. Golfside Lane Phoenix AZ 85060	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
163	9314 8699 0430 0115 0910 03	LaNeil Joy Honeyman, as Trustee of the Leslie Robert Honeyman Trust 406 Skywood Circle Midland TX 79705	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
164	9314 8699 0430 0115 0910 10	Murphy Petroleum Corporation P.O. Box 2545 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice



Karlene Schuman
 Modrall Sperling Roehl Harris & Sisk P.A.
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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
165	9314 8699 0430 0115 0910 27	Chief Capital II LLC 8111 Westchester Drive, Suite 900 Dallas TX 75225	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
166	9314 8699 0430 0115 0910 34	Huntsman Resources LLC 1415 S Voss, Suite 110-105 Houston TX 77057	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
167	9314 8699 0430 0115 0910 41	SRR Permian LLC 1751 River Run Fort Worth TX 76107	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
168	9314 8699 0430 0115 0910 58	Concho Resources Inc. P.O. Box 7500 Bartlesville OK 74005	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
169	9314 8699 0430 0115 0910 65	Gryphon Delaware CP LLC 910 Louisiana Street, Suite 4010 Houston TX 77002	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
170	9314 8699 0430 0115 0910 72	MEC Petroleum Corp P.O. Box 11265 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
171	9314 8699 0430 0115 0910 89	Murchison Holdings LLC 7250 Dallas Parkway Ste, 1400 Plano TX 75054	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
172	9314 8699 0430 0115 0910 96	Palaeozoic Petroleum LLC 2008 Country Club Drive Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
173	9314 8699 0430 0115 0911 02	Pivotal Permian Basin II LLC 2021 McKinney Ave., Suite 1250 Dallas TX 75201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0237. Notice
Totals:			\$275.07	\$752.55	\$380.60	\$0.00	Grand Total: \$1,408.22



List Number of Pieces Listed by Sender: Total Number of Pieces Received at Post Office: Postmaster: Name of receiving employee: Dated:

Registered No.

1F 5301 0129206

Date Stamp

To Be Completed By Post Office	Reg. Fee	\$3.25	
	Handling Charge	\$20.25	Return Receipt
	Postage	25.65	Restricted Delivery
	Received by	\$0.00	
Customer Must Declare Full Value \$		\$0.00	Domestic insurance up to \$25,000 is included based upon the declared value. International indemnity is limited. (See Reverse).

To Be Completed By Customer (Please Print) All Entries Must Be in Ballpoint or Typed	FROM	Kurlene Schman
		Madrahl Sperling
		600 4th St NW #1000
		Albuquerque, NM 87102
	TO	Hammersmith Realty, Inc.
		220 16011 116 Ave NW
		Edmonton, Alberta Canada
		T-5M3V1

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CANADA

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January 8, 2024, 9:11 am

Arrival at Post Office

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January 8, 2024, 5:46 am

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January 6, 2024, 11:18 pm

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January 4, 2024, 10:26 am

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LOS ANGELES CA NETWORK DISTRIBUTION CENTER
December 31, 2023, 1:30 pm

Arrived at USPS Facility

BELL GARDENS, CA 90205
December 31, 2023, 1:29 pm

Arrived at USPS Regional Facility

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December 31, 2023, 1:29 pm

Processing at USPS Facility

PHOENIX, AZ 85026
December 16, 2023, 12:42 am

Processing at USPS Facility

PHOENIX, AZ 85026
December 16, 2023, 12:38 am

Processing at USPS Facility

ALBUQUERQUE, NM 87101
December 14, 2023, 10:09 pm

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FAQs

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Affidavit of Publication

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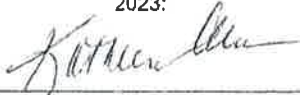
I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements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

12/17/2023

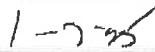


Legal Clerk

Subscribed and sworn before me this December 17, 2023:



State of WI, County of Brown
NOTARY PUBLIC



My commission expires

Ad # 0005867011
PO #: CASE NO. 24085
of Affidavits 1

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KATHLEEN ALLEN
Notary Public
State of Wisconsin

CASE NO. 24085: Notice to all affected parties, as well as heirs and devisees of: Murchison Oil and Gas, LLC; OXY USA, Inc.; Foran Oil Company; COG Production LLC; The Allar Company; Performance Oil and Gas Company; Magnum Hunter Production, Inc.; Occidental Permian Limited Partnership; W.Y. Boyle & Company; H.M. Bettis, Inc.; Stovall Energy, Ltd.; OXY Y-1 Company; COG Operating LLC; Peter Balog, Trustee of the Balog Family Trust dated 8/15/02; Riverhill Energy Corporation; Bearing Service & Supply Company, Inc.; CD Ray Exploration, LLC; Levi Oil & Gas, LLC; DSD Energy Resources, LLC; Covey Energy Partners, LP; Hanley Petroleum LLC; Richardson Mineral & Royalty, LLC; COG Acreage LP; Hammersmith Realty, Inc.; Permian Basin Investment Corporation; Marks Oil, Inc.; RSC Resources, LP; Guinn Family Properties, Ltd.; Warwick-Artemis, LLC; Engwall Living Trust; Slash Exploration Limited Partnership; A. Wayne Davenport and wife Karen Davenport; Candice and Dean Delleney; Crump Family Limited Partnership, Ltd.; Collins & Jones Investments, LLC; I-43 Associates, Inc.; Tres Perros, Inc.; Essayons Properties, LLC; Cellar Investments, LLC; Bid Group, LLC; Robin L. Morgan, Personal representative of the Estate of Frank S. Morgan, deceased, and Robin L. Morgan; Judah Oil, LLC; LHAH Properties, LLC; Stillwater Investments; M Code LLC; Beachburns Energy, LLC; David W. Cromwell; H6 Holdings, LLC; Jarvis J. Slade and wife Pamela Ferrari Slade; TBO Oil & Gas, LLC; The Trustee of the Richard and Alice Farrell Living Trust dated June 2, 1997, restated November 2, 2005; Patricia L. Spurlin a/k/a Patricia Marty; Alice Ann Farrell; Richard Gene Farrell, Jr.; Sitio Permian, LLC; Llano Natural Resources, LLC; Dorchester Minerals, L.P.; Jim Farrell; Vance Farrell; James Oscar Owen; Centennial; Innoventions, Inc.; James K. Lusk and Martha L. Lusk, Trustees of the James K. Lusk and Martha L. Lusk Trust UTA dated 4/29/1992; RCB Investments; Mitchell Exploration, Inc.; Wing Resources V, LLC; ROEC, Inc.; Energy Properties Limited, LP; William N. Heiss and Susan E. Heiss, Co-Trustees of the William N. Heiss Profit Sharing Plan; Sam L. Shackelford; West Bend Energy Partners III, LLC; Worrall Investment Corporation; Roger Bellah; Fortyniner Ridge Inc.; RealTimeZone, Inc.; North Fork Land Management, LP; Hutchings Oil Company; JTD Resources; McCulliss Resources Co., Inc.; McCullis Oil & Gas, Inc.; Jordan Waiterman; Susan S. Murphy, as Trustee of the Susan S. Murphy Marital Trust UTA dated 11/15 2012; Mark B. Murphy, as Trustee of the Mark B. Murphy Irrevocable Trust UTA dated 12/11/2012; Jon Esslinger and Louis J. Esslinger; Teryn Daley Gonzales; Scott Investment Corporation; Zunis Energy, LLC; Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts; Community Minerals, LLC; Rio Brazos Mineral Company, LLC; Laurence A. Smith and Rhonda Q. Smith, Trustees of the Laurence A. Smith and Rhonda Q. Smith Family Trust dated 1/6/1988; Rockwell Energy Resources, LLC; Ronadero Company, Inc.; Mark L. Schidler and wife Mitzi Schidler; Ward N. Adkins, Jr.; Zeus Petroleum Inc.; Carbon Jack, LLC; Jeb Corey Honeyman; Brent Jeremy Honeyman; Strata Production Company; Southwest Petroleum Land Services, LLC; Jennifer Ann Scott; Newkumet Exploration, Inc.; Angelo Holdings, LLC; Tarpon Industries Corporation; I-43 Associates, Inc.; Oak Valley Mineral & Land, LP; SM Energy Company; Dagoon Creek Minerals, LLC; Pegasus Resources NM, LLC; Chisos Minerals, LLC; Innerarity Family Minerals, LLC; Alan Jochimsen; States Royalty Limited Partnership; Dutch-Irish Oil, Inc.; E&S LLC; NM&T Resources, LLC; Patricia Blakeney; Glen Blakeney; Paula Campbell; Thomas K. Campbell; Elouise Justice; Nancy Moorhead; Helen D. Alpers Living Trust; GHHunker, LLC; MKHM Oil, LLC; Don Fedric; Michael James Ikard; Timothy Z. Jennings; Patrick J. Morello and Alice M. Morello; Norton LLC; Gene Shumate; Robert L. Thornton; Kenneth D. Trumpfheiler; 35D Interests, LLC; Charles J. Kinsolving; Ashley Dean Crow; Lynn Medlin; Billy R. Medlin; Moorhead Cattle Company; Estate of Donald R. Curry, John S. Curry, Executor; Ramon Hilburn; 1979 Royalties, LP; SMP Patriot Mineral Holdings, LLC; Monty D. McLane; Slete Oil & Gas Corporation; Foran Oil Company; Donald E. Wenner and wife, Laurie Wenner; Louis J. Hoffman; Bane Bigbie; Paisano Partners; Carl A. Morgan and wife, Gwenetta B. Morgan; Long, LLC; The Tapeats Trust; L.T. Capital, LLC; Jim Whitehead Oil & Gas LLC; Catalyst Energy, LLC; Magic Merlin Energy Investments LLC; Erik I. Knudson; Rewind21, LLC; Rockwood Resources LLC; Marvin C. Gross; David Wingo; LaNell Joy Honeyman, as Trustee of the Leslie Robert Honeyman Trust; Murphy Petroleum Corporation; Chief Capital II LLC; Huntsman Resources LLC; SRR Permian LLC; Concho Resources Inc.; Gryphon Delaware CP LLC; MEC Petroleum Corp; Murchison Holdings LLC; Palozole Petroleum LLC; Pivotal Permian Basin II LLC of the Application of Marathon Oil Permian LLC for compulsory pooling and, to the extent necessary, approval of an overlapping spacing unit, Eddy County, New Mexico. The State of New Mexico through its Oil Conservation Division hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on January 4, 2024 to consider this application. Information about accessing the electronic hearing is posted at "OCD NOTICES" at <https://www.emnrd.nm.gov/ocd/hearing-info/>. Applicant seeks an order from the Division pool-

ing an unconsolidated mineral interests within a spacing unit 800-acre, more or less, Bone Spring horizontal spacing unit underlying the SE/4 of Section 25, the E/2 of Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the Cobra Cobretti BS Federal Com 301H, Cobra Cobretti BS Federal Com 302H, Cobra Cobretti BS Federal Com 551H, Cobra Cobretti BS Federal Com 552H, Cobra Cobretti BS Federal Com 553H, and Cobra Cobretti BS Federal Com 554H wells, to be horizontally drilled. The wells will be drilled at orthodox locations. The completed intervals for Cobra Cobretti BS Federal Com 302H and the Cobra Cobretti BS Federal Com 552H are each expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit. Applicant seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed spacing unit will partially overlap the following existing Bone Spring spacing units:

- A 240-acre horizontal well spacing unit comprised of the E/2SE/4 of Section 25 and the E/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #007H well (API 30-015-46201)

- A 240-acre horizontal well spacing unit comprised of the W/2SE/4 of Section 25 and the W/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #004H well (API 30-015-46200)

- A 320-acre horizontal well spacing unit comprised of the E/2 of Section 1, Township 25 South, Range 28 East, dedicated to Marathon's Whistle Pig 1 SB Federal Com #005H well (API 30-015-45174).

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

5867011, Current Argus, December 17, 2023

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 24085	APPLICANT'S RESPONSE
Date	May 2, 2024
Applicant	Marathon Oil Permian LLC
Designated Operator & OGRID (affiliation if applicable)	Marathon Oil Permian LLC OGRID 372098
Applicant's Counsel:	Padilla Law Firm, P.A.
Case Title:	APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	Coterra Energy Inc. and its subsidiaries, including Cimarex Energy Co.
Well Family	Cobra Cobretti
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring
Pool Name and Pool Code:	Willow Lake; Bone Spring Pool (Code: 64450)
Well Location Setback Rules:	Statewide Rules
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	800-acres
Building Blocks:	40-Acres
Orientation:	North/South
Description: TRS/County	SE/4 of Section 25, the E/2 of Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, N.M.P.M., Eddy County.
Standard Horizontal Well Spacing Unit (Y/N), if No, describe and is approval of non-standard unit requested in this application?	Yes.
Other Situations	
Depth Severance: Y/N. If yes, description	No.
Proximity Tracts: If yes, description	Yes. The completed intervals of the Cobra Cobretti BS Federal Com 301H and the Cobra Cobretti BS Federal Com 552H are each expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.
Proximity Defining Well: if yes, description	Cobra Cobretti BS Federal Com 302H and Cobra Cobretti BS Federal Com 552H
Applicant's Ownership in Each Tract	Exhibit B.3
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1: Cobra Cobretti BS Federal Com 301H	SHL: 276' FSL & 1,722' FEL, Section 1, T-25-S R-28-E FTP: 100' FSL & 1,640' FEL Section 1, T-25-S R-28-E BHL: 2,540' FSL & 1,640' FEL Section 25, T-24-S R-28-E Orientation: North South Completion Target: First Bone Spring Completion Status: Standard TVD: 7,490', MVD: 20,240'
Well #2: Cobra Cobretti BS Federal Com 302H	SHL: 277' FSL & 1,662' FEL, Section 1, T-25-S R-28-E FTP: 100' FSL & 330' FEL Section 1, T-25-S R-28-E BHL: 2,540' FSL & 330' FEL Section 25, T-24-S R-28-E Orientation: North South Completion Target: First Bone Spring Completion Status: Standard TVD: 7,490', MVD: 20,240'
Well #3: Cobra Cobretti BS Federal Com 552H	SHL: 275' FSL & 1,752' FEL, Section 1, T-25-S R-28-E FTP: 100' FSL & 1,640' FEL Section 1, T-25-S R-28-E BHL: 2,540' FSL & 1,640' FEL Section 25, T-24-S R-28-E Orientation: North South Completion Target: Third Bone Spring Completion Status: Standard TVD: 8,825', MVD: 21,576'
Well #4: Cobra Cobretti BS Federal Com 554H	SHL: 276' FSL & 1,692' FEL, Section 1, T-25-S R-28-E FTP: 100' FSL & 330' FEL Section 1, T-25-S R-28-E BHL: 2,540' FSL & 330' FEL Section 25, T-24-S R-28-E Orientation: North South Completion Target: Thlrd Bone Spring Completion Status: Standard TVD: 8,825', MVD: 21,576'
Horizontal Well First and Last Take Points	See above cells and Exhibit B-2 (C-102s)
Completion Target (Formation, TVD and MD)	See above cells and Exhibit B-5 (proposal letter)
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	See Exhibit B Paragraph 25

Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit B-7
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit B-7
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit B-7
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit B-3
Tract List (including lease numbers and owners)	Exhibit B-3
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit B-3
Unlocatable Parties to be Pooled	Exhibit B-3
Ownership Depth Severance (including percentage above & below)	NA
Joinder	
Sample Copy of Proposal Letter	Exhibit B-6
List of Interest Owners (ie Exhibit A of JOA)	Exhibit B-5
Chronology of Contact with Non-Joined Working Interests	Exhibit B-4
Overhead Rates in Proposal Letter	Exhibit B-6
Cost Estimate to Drill and Complete	Exhibit B-7
Cost Estimate to Equip Well	Exhibit B-7
Cost Estimate for Production Facilities	Exhibit B-7
Geology	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibit C-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit C-2
Well Orientation (with rationale)	Exhibit C-15
Target Formation	Exhibits C-3 to C-14
HSU Cross Section	Exhibit C-5; C-9; C-13
Depth Severance Discussion	NA
Forms, Figures and Tables	
C-102	Exhibit B-2
Tracts	Exhibit B-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit B-5
General Location Map (including basin)	Exhibit C-1
Well Bore Location Map	Exhibit C-2
Structure Contour Map - Subsea Depth	Exhibit C-3; C-7; C-11
Cross Section Location Map (including wells)	Exhibit C-4; C-8; C-12
Cross Section (including Landing Zone)	Exhibit C-5; C-9; C-13
Additional Information	

Special Provision for Pooling Order In Case No. 24085

Operator has represented to the Oil Conservation Division ("OCD") that it will apply for its applications for permits to drill ("APDs") based on the surface and subsurface locations and depths of the wellbores as described in the OCD's Compulsory Pooling Checklist attached to this Pooling Order. The Operator acknowledges that the wellbore locations and depths described herein are the result of negotiations entered into with Coterra Energy, Inc. ("Party of Record"), a party of record to the hearing, to address operational concerns, and (1) if any of the APDs applied for by the Operator pursuant to this Pooling Order are rejected or denied by the Issuing agency based on the specifications of the surface locations, subsurface locations or depths of the wellbores described herein such that the specifications have to be changed or altered to cure the APD's rejection or denial, or (2) if the Operator submits any APDs with wellbore surface locations or depths that have been changed or altered from the specifications described in this order, then the Operator shall promptly provide written notice to the Party of Record of the occurrence of (1) (such rejection or denial of any such APD) or (2) (any submission of an APD with wellbore locations or depths changed or altered from the specifications described herein), whichever occurs and applies.

Special Provisions/Stipulations

CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.

Printed Name (Attorney or Party Representative): FRANCIS L. MADOLE

Signed Name (Attorney or Party Representative): [Signature]

Date: 4/29/2024

**Oil Conservation Division
Hearing
Thursday, May 2, 2024**

**OCD Case 24085
Marathon Oil Permian LLC**

Hearing Exhibits

Table of Contents

Exhibit B

Affidavit of Ryan Gyllenband

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2) C-102's	10-17
3) Lease Tract Map	18
4) Chronological Contact	19-22
5) List of Parties Pooled/Summary of Interest	23-27
6) Well Proposal Letters	28-30
7) Authorization for Expenditure	31-38

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

**APPLICATION OF MARATHON OIL PERMIAN
LLC FOR COMPULSORY POOLING AND,
TO THE EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT,
EDDY COUNTY, NEW MEXICO**

CASE NO. 24085

STATE OF TEXAS)
) ss.
COUNTY OF HARRIS)

AFFIDAVIT OF RYAN GYLLENBAND

Ryan Gyllenband, being duly sworn, deposes and states as follows:

1. I am over the age of 18, I am a landman for Marathon Oil Permian LLC (“Marathon”) and have personal knowledge of the matters stated herein.

2. I have previously testified before the Oil Conservation Division (“Division”) and my credentials as an expert petroleum landman were accepted as a matter of record.

3. My area of responsibility at Marathon includes the area Eddy County in New Mexico.

4. I am familiar with the application filed by Marathon in this case, which is attached as **Exhibit B.1.**

5. I am familiar with the status of the lands that are subject to this application.

6. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced application.

7. Marathon seeks an order pooling all uncommitted mineral interests within a 800-acre, more or less, Bone Spring horizontal spacing unit comprising the SE/4 of Section 25, the E/2 of

Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico.

8. Marathon's proposed spacing unit in this case will partially overlap the following existing Bone Spring spacing units:

- A 240-acre horizontal well spacing unit comprised of the E/2SE/4 of Section 25 and the E/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #007H well (API 30-015-46201)
- A 240-acre horizontal well spacing unit comprised of the W/2SE/4 of Section 25 and the W/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #004H well (API 30-015-46200)
- A 320-acre horizontal well spacing unit comprised of the E/2 of Section 1, Township 25 South, Range 28 East, dedicated to Marathon's Whistle Pig 1 SB Federal Com #005H well (API 30-015-45174).

9. This spacing unit will be dedicated to the Cobra Cobretti BS Federal Com 301H, Cobra Cobretti BS Federal Com 302H, Cobra Cobretti BS Federal Com 552H, and Cobra Cobretti BS Federal Com 554H wells, to be horizontally drilled.

10. The completed intervals for Cobra Cobretti BS Federal Com 301H and the Cobra Cobretti BS Federal Com 552H are each expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.

11. Attached as **Exhibit B.2** are the proposed C-102s for the wells.

12. The C-102s identify the proposed surface hole locations and the bottom hole locations, and the first take points. The C-102s also identify the pool and pool code.

13. The wells will develop the Willow Lake; Bone Spring, Pool Code 64450.

14. This pool is an oil pool with 40-acre building blocks.

15. This pool is governed by the state-wide horizontal well rules.

16. The producing areas for the wells is expected to be orthodox.
17. There are no depth severances within the proposed spacing unit.
18. **Exhibit B.3** includes a lease tract map outlining the unit being pooled. Exhibit B.3 also includes the parties being pooled, the nature, and the percent of their interests.
19. I have conducted a diligent search of the public records in the county where the wells are located, and conducted phone directory and computer searches to locate contact information for parties entitled to notification, and mailed the working interest owners well proposals, including an Authorization for Expenditure.
20. In my opinion, Marathon has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.
21. **Exhibit B.4** is a summary of my contacts with the working interest owners.
22. **Exhibit B.5** is a list of the parties being pooled for this case.
23. **Exhibit B.6** is a sample of the well proposal letter that was sent to all working interest owners. The proposal letter identifies the proposed first and last take points and approximate TVD/MD for the wells.
24. **Exhibit B.7** contains the Authorization for Expenditure for the proposed wells. The estimated cost of the wells set forth therein is fair and reasonable, and is comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico.
25. Marathon requests overhead and administrative rates of \$10,000.00/month for drilling a well and \$1,000.00/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 area of Southeastern, New Mexico. Marathon requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
26. Marathon requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

27. Marathon requests that it be designated operator of the wells.
28. The parties Marathon is seeking to pool were notified of this hearing.
29. Marathon seeks to pool overriding royalty interest owners, and they were also provided notice of this hearing.
30. No opposition is expected because the interest owners being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interests in the wells.
31. Marathon provided notice of this hearing to the affected parties in the overlapping spacing units and no objections were submitted.
32. The attachments to this affidavit were prepared by me, or compiled from company business records, or were prepared at my direction.
33. In my opinion, the granting of this application is in the interests of conservation and the prevention of waste.

[Signature page follows]

Dated: April 29, 2024

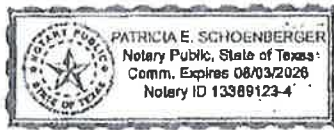
Ryan Gyllenband P.S.
Ryan Gyllenband

State of Texas

County of Harris

This record was acknowledged before me on April 29, 2024, by Ryan Gyllenband.

[Stamp]



Patricia E. Schoenberger
Notary Public in and for the
State of Texas
Commission Number: 13389123-4

My Commission Expires: 8/3/2026

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

APPLICATION OF MARATHON OIL PERMIAN
LLC FOR COMPULSORY POOLING AND,
TO THE EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT,
EDDY COUNTY, NEW MEXICO.

CASE NO. _____

APPLICATION

1. Marathon Oil Permian LLC ("Marathon"), OGRID Number 372098, through its undersigned attorneys, hereby submits this application to the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted mineral interests within a standard 800-acre, more or less, Bone Spring horizontal spacing unit comprising the SE/4 of Section 25, the E/2 of Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico to form a standard 800-acre, more or less, Bone Spring spacing unit. Marathon also seeks, to the extent necessary, approval of an overlapping spacing unit. In support of this application, Marathon states as follows:

2. Marathon is an interest owner in the subject lands and has a right to drill a well thereon.

3. Marathon seeks to dedicate the SE/4 of Section 25, the E/2 of Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico to form a standard 800-acre, more or less, Bone Spring spacing unit.

4. Marathon plans to drill the **Cobra Cobretti BS Federal Com 301H, Cobra Cobretti BS Federal Com 302H, Cobra Cobretti BS Federal Com 551H, Cobra Cobretti BS Federal Com 552H, Cobra Cobretti BS Federal Com 553H, and Cobra Cobretti BS Federal**

Com 554H wells to a depth sufficient to test the Bone Spring formation. The wells will be horizontally drilled, and the producing area for the wells is expected to be orthodox.

5. The completed intervals for **Cobra Cobretti BS Federal Com 302H** and the **Cobra Cobretti BS Federal Com 552H** are each expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.

6. Marathon's proposed spacing unit in this case will partially overlap the following existing Bone Spring spacing units:

- A 240-acre horizontal well spacing unit comprised of the E/2SE/4 of Section 25 and the E/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #007H well (API 30-015-46201)
- A 240-acre horizontal well spacing unit comprised of the W/2SE/4 of Section 25 and the W/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #004H well (API 30-015-46200)
- A 320-acre horizontal well spacing unit comprised of the E/2 of Section 1, Township 25 South, Range 28 East, dedicated to Marathon's Whistle Pig 1 SB Federal Com #005H well (API 30-015-45174).

7. Marathon sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

8. The pooling of all interests in the Bone Spring formation underlying the proposed unit and approving, to the extent necessary, the overlapping spacing unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Marathon requests this application be set for hearing before an Examiner of the Oil Conservation Division on January 4, 2024 and after notice and hearing as required by law, the Division enter its order:

- A. Pooling all uncommitted interests in the Bone Spring formation underlying a horizontal spacing unit within the SE/4 of Section 25, the E/2 of Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico;
- B. Approving, to the extent necessary, the proposed overlapping spacing unit;
- C. Designating Marathon as operator of this unit and the wells to be drilled thereon;
- D. Authorizing Marathon to recover its costs of drilling, equipping and completing the wells;
- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: Deana M. Bennett

Deana M. Bennett
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
Attorneys for Applicant

CASE NO. _____: Application of Marathon Oil Permian LLC for compulsory pooling and, to the extent necessary, approval of an overlapping spacing unit, Eddy County, New Mexico. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a standard 800-acre, more or less, Bone Spring horizontal spacing unit underlying the SE/4 of Section 25, the E/2 of Section 36, Township 24 South, Range 28 East, and the E/2 of Section 1, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the Cobra Cobretti BS Federal Com 301H, Cobra Cobretti BS Federal Com 302H, Cobra Cobretti BS Federal Com 551H, Cobra Cobretti BS Federal Com 552H, Cobra Cobretti BS Federal Com 553H, and Cobra Cobretti BS Federal Com 554H wells, to be horizontally drilled. The wells will be drilled at orthodox locations. The completed intervals for Cobra Cobretti BS Federal Com 302H and the Cobra Cobretti BS Federal Com 552H are each expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit. Applicant seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed spacing unit will partially overlap the following existing Bone Spring spacing units:

- A 240-acre horizontal well spacing unit comprised of the E/2SE/4 of Section 25 and the E/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #007H well (API 30-015-46201)
- A 240-acre horizontal well spacing unit comprised of the W/2SE/4 of Section 25 and the W/2E/2 of Section 36, Township 24 South, Range 28 East, dedicated to Marathon's Southern Comfort 36 SB State #004H well (API 30-015-46200)
- A 320-acre horizontal well spacing unit comprised of the E/2 of Section 1, Township 25 South, Range 28 East, dedicated to Marathon's Whistle Pig 1 SB Federal Com #005H well (API 30-015-45174).

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-6122
District II
411 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1030 Rio Huerfano 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

SPC Number	FEL No.	Foot Name
	64450	WILLOW LAKE: BONE SPRING
Property Code	Property Name	Well Number
	COBRA COBRETTI BS FEDERAL COM	301H
APN No.	Operator Name	Section
372098	MARATHON OIL PERMIAN LLC	2916'

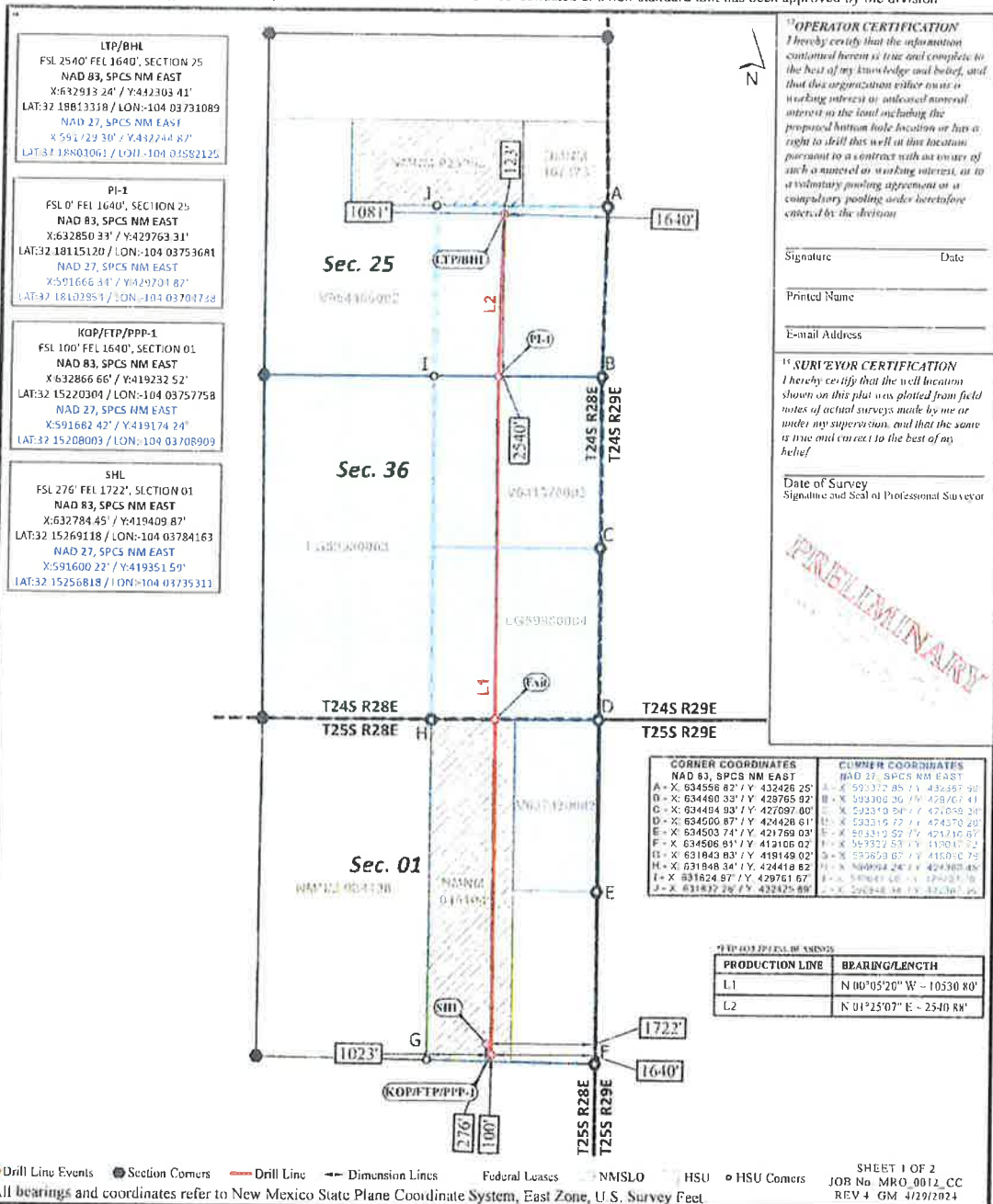
10 Surface Location

Section	Range	Foot Name	Section	Foot Name	County
O	28E	276'	SOUTH	1722'	EDDY

11 Bottom Hole Location If Different From Surface

Section	Range	Foot Name	Section	Foot Name	County
J	28E	2540'	SOUTH	1640'	EDDY
800.08					

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



12 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 an undivided 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 a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

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

Date of Survey _____

Signature and Seal of Professional Surveyor _____

PRELIMINARY

CORNER COORDINATES NAD 83, SPCS NM EAST		CORNER COORDINATES NAD 27, SPCS NM EAST	
A-X	634558.82 / Y 42428.25	A-X	593312.85 / Y 43189.98
B-X	634480.33 / Y 428765.02	B-X	593308.36 / Y 428767.41
C-X	634484.93 / Y 427097.00	C-X	593310.54 / Y 427098.24
D-X	634500.87 / Y 424428.61	D-X	593316.72 / Y 424370.20
E-X	634503.74 / Y 421769.03	E-X	593319.52 / Y 421816.87
F-X	634506.81 / Y 413105.07	F-X	593322.63 / Y 413017.22
G-X	631843.83 / Y 419149.02	G-X	593653.67 / Y 416100.75
H-X	631848.34 / Y 424418.82	H-X	593654.24 / Y 424368.83
I-X	631824.87 / Y 429761.67	I-X	593651.68 / Y 429761.78
J-X	631832.26 / Y 433925.88	J-X	593648.18 / Y 433925.81

Drill Line Events Section Corners Drill Line Dimension Lines Federal Leases NMSLO HSU HSU Corners
All bearings and coordinates refer to New Mexico State Plane Coordinate System, East Zone, U.S. Survey Feet.
Distances/areas relative to NAD 83 grid measurements Combined Scale Factor: 0.99977780 and a Convergence Angle: 0.14126667°

SHEET 1 OF 2
JOB No. MRO_0012_CC
REV 4 GM 4/29/2024

VICINITY MAP



SEC. 1 TWP. 25S RGE. 28E

1" = 1 MILE

SURVEY: N.M.P.M.

COUNTY: EDDY

OPERATOR: MARATHON OIL PERMIAN LLC

DESCRIPTION: 276' FSL & 1722' FEL

ELEVATION: 2916'

LEASE: COBRA COBRETTI FEDERAL COM

U.S.G.S. TOPOGRAPHIC MAP: MALAGA, NM.



SHEET 2 OF 2

PREPARED BY:
 DELTA FIELD SERVICES, LLC
 610 TRENTON STREET, WEST MONROE, LA 71291
 318-323-8900 OFFICE
 JOB No. MRO_0012_CC

FROM THE MARATHON OFFICE AT 4111 TIDWELL, CARLSBAD, NM HEAD SOUTH ON TIDWELL RD TOWARD US HWY 285 N FOR 0.2 MILES. TURN LEFT ONTO US HWY 285 S, HEADING SOUTH, FOR 16.5 MILES TO AN EXISTING LEASE ROAD. TURN LEFT ONTO THE EXISTING LEASE ROAD AND CONTINUE EAST FOR 1.3 MILES TO A BEND IN THE ROAD. FOLLOW THE BEND TO THE RIGHT AND CONTINUE SOUTH FOR ANOTHER 0.5 OF A MILE TO AN EXISTING LEASE ROAD ON THE LEFT. TURN LEFT ONTO THE EXISTING LEASE ROAD AND CONTINUE 0.6 OF A MILE TO AN EXISTING WELL PAD. VEER TO THE RIGHT ONTO THE PROPOSED LEASE ROAD TO THE COBRA COBRETTI WELL PAD LOCATION. CONTINUE ON THE PROPOSED LEASE ROAD FOR 0.22 OF A MILE ENTERING THE NORTHEAST CORNER OF THE PROPOSED WELL PAD.

District I
1625 N French Dr., Hobbs, NM 88240
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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

Well Number 302H	Well Name WILLOW LAKE; BONE SPRING
Property Code 372098	Property Name COBRA COBRETTI BS FEDERAL.COM
Operator Name MARATHON OIL PERMIAN LLC	Well Number 302H
Operator No. 372098	Elevation 2917'

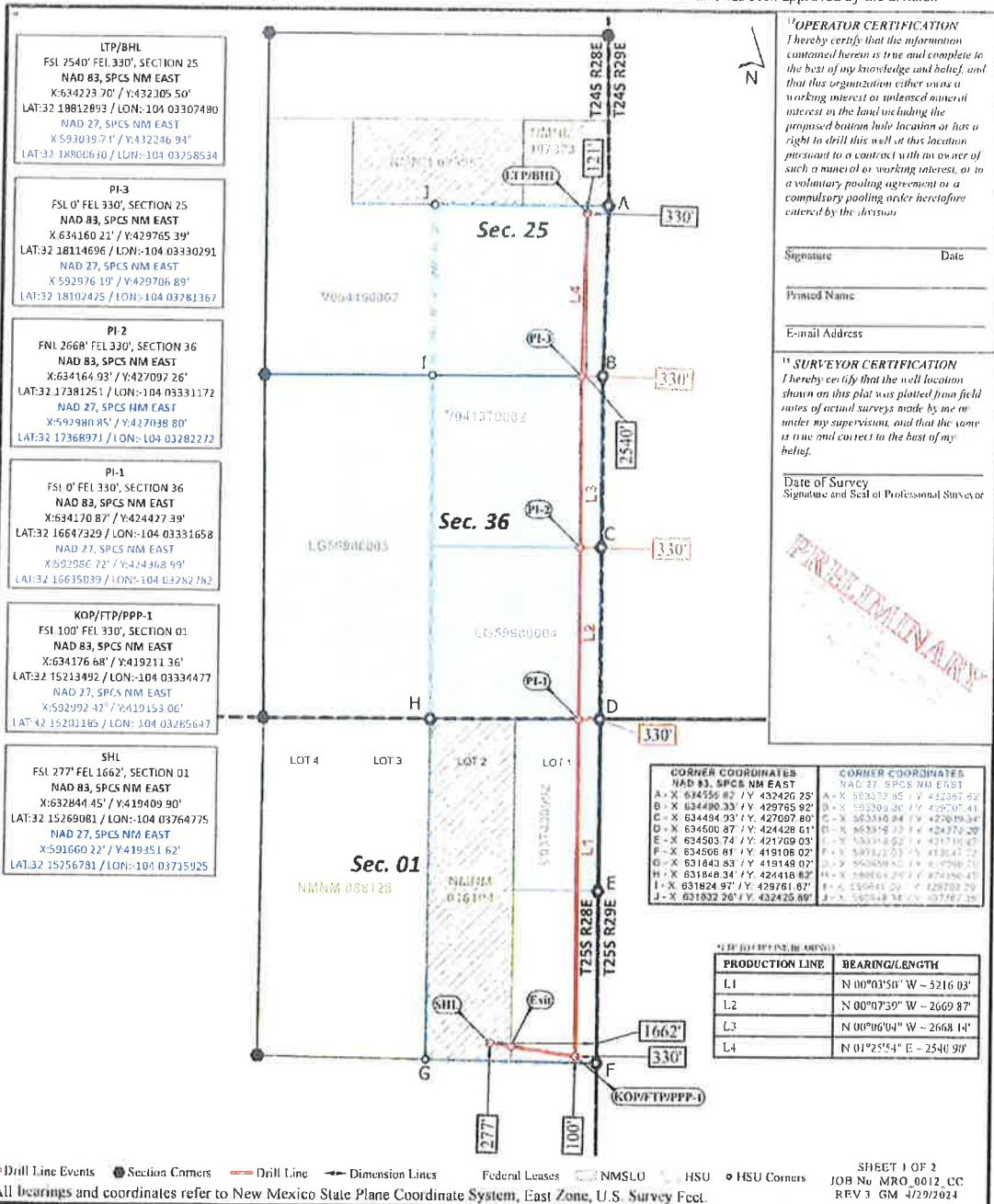
¹⁰ Surface Location

Section 1	Township 25S	Range 28E	Lot 277	Section SOUTH	Feet from the 1662'	East/West line EAST	County EDDY
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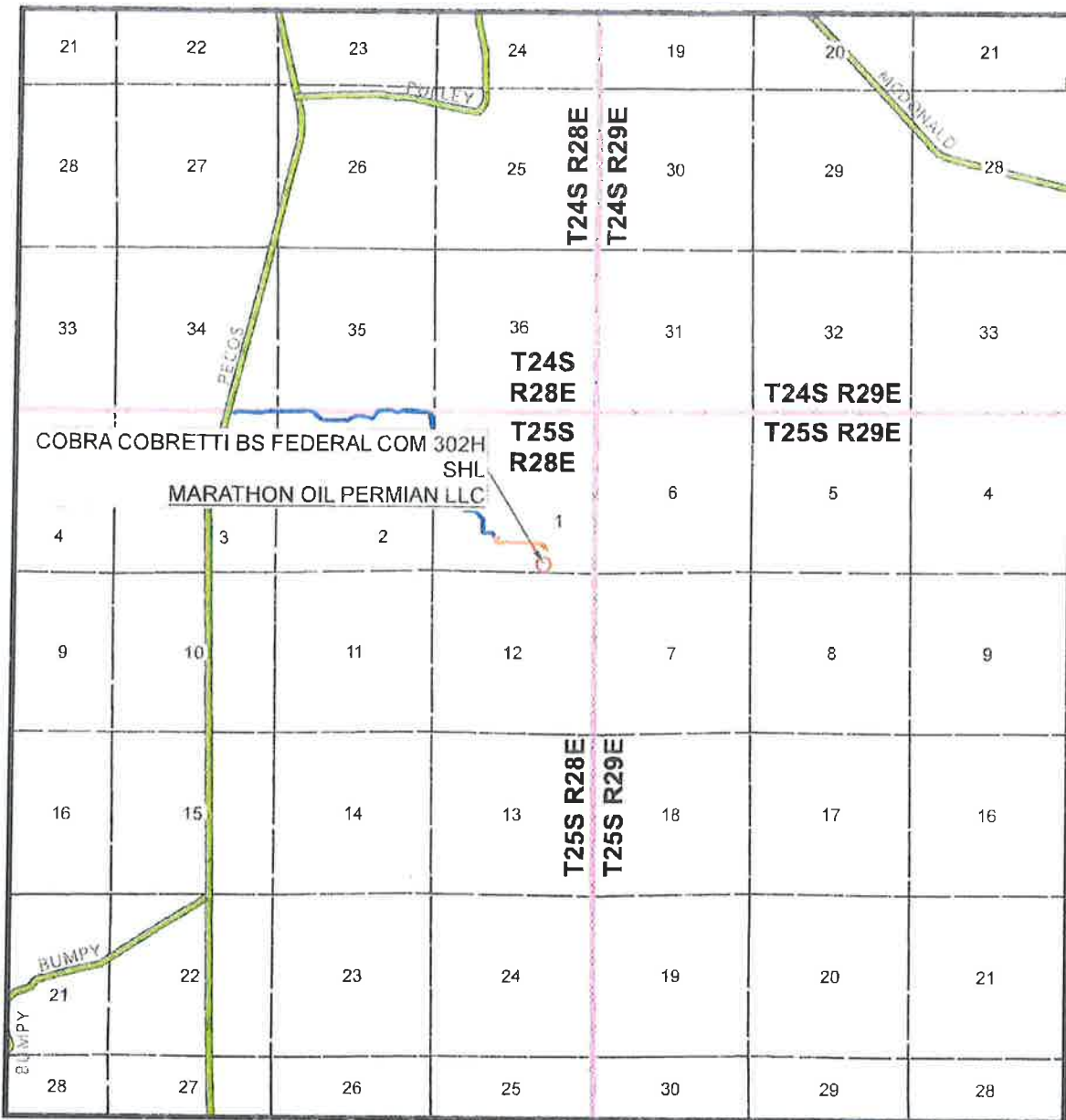
¹¹ Bottom Hole Location If Different From Surface

Section 25	Township 24S	Range 28E	Lot 2540'	Section SOUTH	Feet from the 330'	East/West line EAST	County EDDY
Horizontal Area 800.08	Consolidation Code	Order No.					

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



VICINITY MAP



SEC. 1 TWP. 25S RGE. 28E

1" = 1 MILE

SURVEY: N.M.P.M.

COUNTY: EDDY

OPERATOR: MARATHON OIL PERMIAN LLC

DESCRIPTION: 277' FSL & 1662' FEL

ELEVATION: 2917'

LEASE: COBRA COBRETTI FEDERAL COM

U.S.G.S. TOPOGRAPHIC MAP: MALAGA, NM.



SHEET 2 OF 2

PREPARED BY:
 DELTA FIELD SERVICES, LLC
 610 TRENTON STREET, WEST MONROE, LA 71291
 318-323-6900 OFFICE
 JOB No. MRO_0012_CC

FROM THE MARATHON OFFICE AT 4111 TIDWELL, CARLSBAD, NM HEAD SOUTH ON TIDWELL RD TOWARD US HWY 285 N FOR 0.2 MILES. TURN LEFT ONTO US HWY 285 S, HEADING SOUTH, FOR 16.5 MILES TO AN EXISTING LEASE ROAD. TURN LEFT ONTO THE EXISTING LEASE ROAD AND CONTINUE EAST FOR 1.3 MILES TO A BEND IN THE ROAD. FOLLOW THE BEND TO THE RIGHT AND CONTINUE SOUTH FOR ANOTHER 0.5 OF A MILE TO AN EXISTING LEASE ROAD ON THE LEFT. TURN LEFT ONTO THE EXISTING LEASE ROAD AND CONTINUE 0.6 OF A MILE TO AN EXISTING WELL PAD. VEER TO THE RIGHT ONTO THE PROPOSED LEASE ROAD TO THE COBRA COBRETTI WELL PAD LOCATION. CONTINUE ON THE PROPOSED LEASE ROAD FOR 0.22 OF A MILE ENTERING THE NORTHEAST CORNER OF THE PROPOSED WELL PAD.

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Well Number 64450	Well Name WILLOW LAKE: BONE SPRING
Property Code 372098	Operator Name COBRA COBRETTI BS FEDERAL COM MARATHON OIL PERMIAN LLC
Well Number 552H	Well Depth 2916'

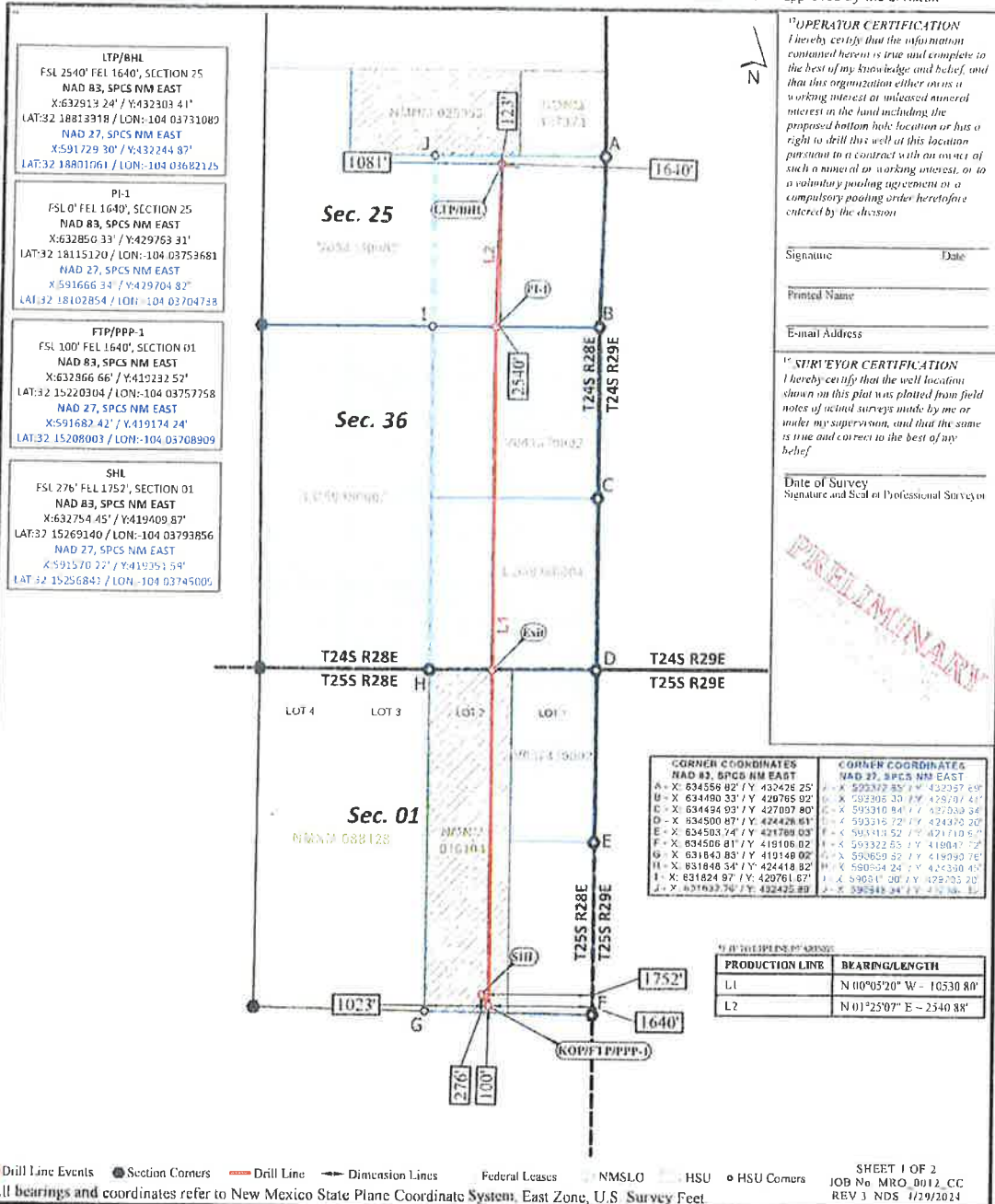
10 Surface Location

Section	Range	East Line	North/South Line	East/West Line	County
O 1	25S 28E	276'	SOUTH	1752'	EDDY

11 Bottom Hole Location If Different From Surface

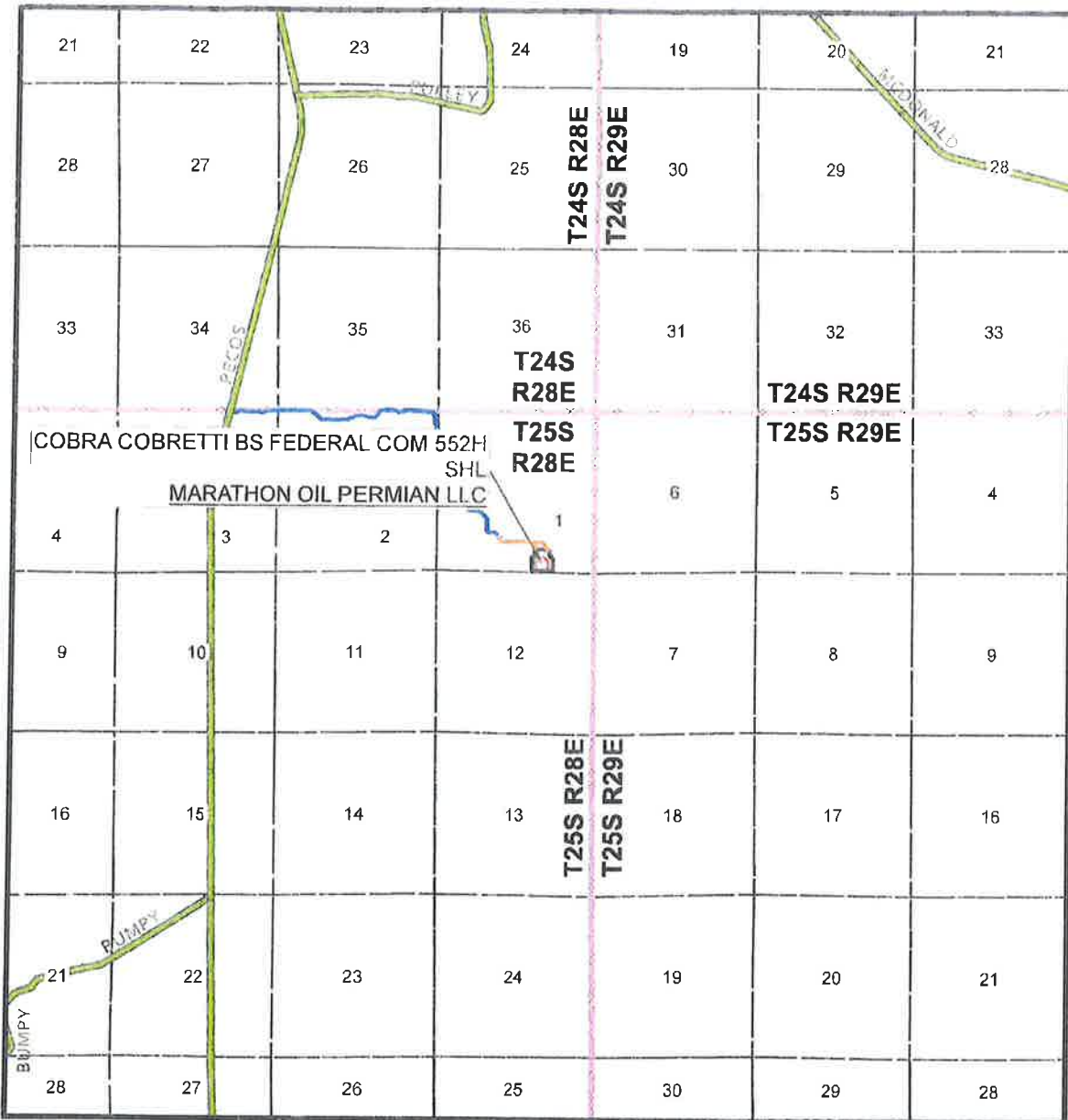
Section	Range	East Line	North/South Line	East/West Line	County
J 25	24S 28E	2540'	SOUTH	1640'	EDDY

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



Distances/areas relative to NAD 83 grid measurements. Combined Scale Factor: 0.99977780 and a Convergence Angle: 0.14126667°

VICINITY MAP



SEC. 1 TWP. 25S RGE. 28E

1" = 1 MILE

SURVEY: N.M.P.M.

COUNTY: EDDY

OPERATOR: MARATHON OIL PERMIAN LLC

DESCRIPTION: 276' FSL & 1752' FEL

ELEVATION: 2916'

LEASE: COBRA COBRETTI FEDERAL COM

U.S.G.S. TOPOGRAPHIC MAP: MALAGA, NM.

PLACEHOLDER FOR DRIVING DIRECTIONS



SHEET 2 OF 2

PREPARED BY:
 DELTA FIELD SERVICES, LLC
 510 TRENTON STREET, WEST MONROE, LA 71291
 318-323-6900 OFFICE
 JOB No. MRO_0012_CC

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Form C-102 Revised August 1, 2011
 Submit one copy to appropriate
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AMENDED REPORT

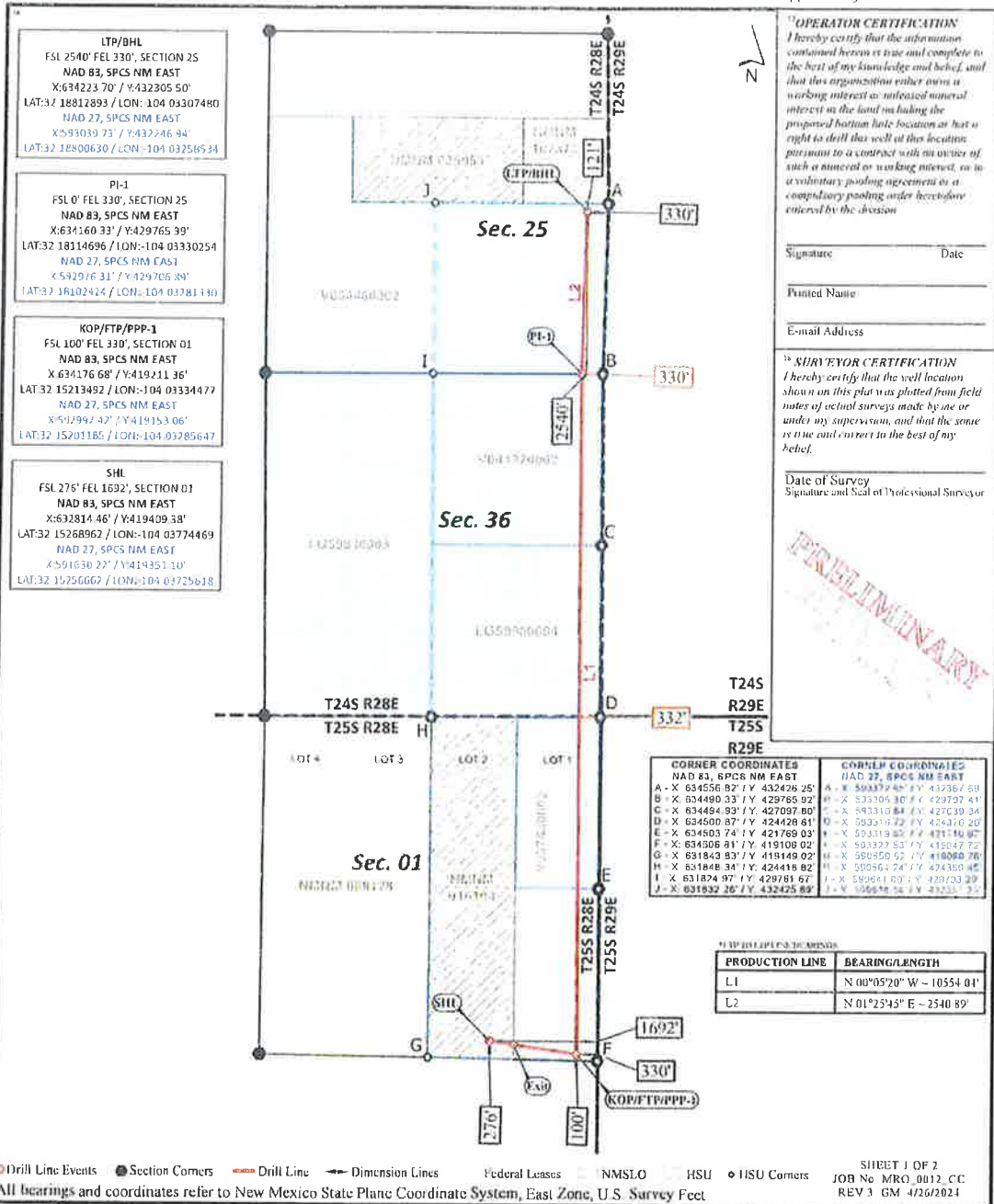
WELL LOCATION AND ACREAGE DEDICATION PLAT

SPS Number	Well Code	Well Name
	64450	WILLOW LAKE: BONE SPRING
Property Code	Property Name	Well Number
	COBRA COBRET II BS FEDERAL.COM	554H
OCRD No.	Operator Name	Depth
372098	MARATHON OIL PERMIAN LLC	2916'

Flow Service	Section	Township	Range	East/West	East/West Line	Feet from the	North/South Line	East/West Line	County
O	I	25S	28E		276'		SOUTH	1692'	EDDY

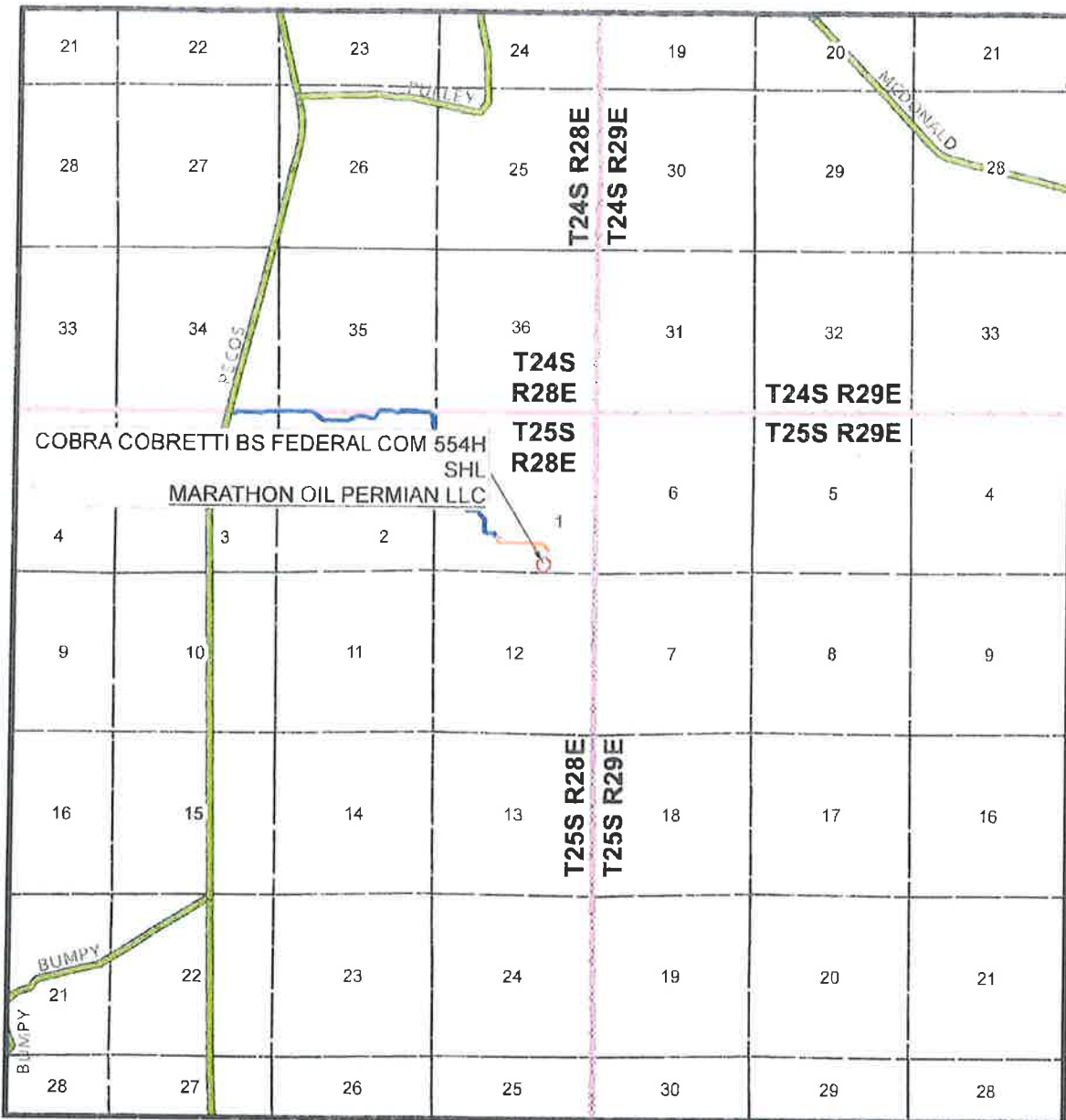
Flow Service	Section	Township	Range	East/West	East/West Line	Feet from the	North/South Line	East/West Line	County
I	25	24S	28E		2540'		SOUTH	330'	EDDY
Dedicated Acres	Joint or Infill	Consolidation Code	Priority No.						
800.08									

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



Distances/areas relative to NAD 83 grid measurements. Combined Scale Factor: 0.99977780 and a Convergence Angle: 0.14126667°

VICINITY MAP



SEC. 1 TWP. 25S RGE. 28E

1" = 1 MILE

SURVEY: N.M.P.M.

COUNTY: EDDY

OPERATOR: MARATHON OIL PERMIAN LLC

DESCRIPTION: 276' FSL & 1692' FEL

ELEVATION: 2916'

LEASE: COBRA COBRETTI FEDERAL COM

U.S.G.S. TOPOGRAPHIC MAP: MALAGA, NM.



SHEET 2 OF 2

PREPARED BY:
 DELTA FIELD SERVICES, LLC
 510 TRENTON STREET, WEST MONROE, LA 71291
 318-323-6900 OFFICE
 JOB No. MRO_0012_CC

FROM THE MARATHON OFFICE AT 4111 TIDWELL, CARLSBAD, NM HEAD SOUTH ON TIDWELL RD TOWARD US HWY 285 N FOR 0.2 MILES. TURN LEFT ONTO US HWY 285 S, HEADING SOUTH, FOR 16.5 MILES TO AN EXISTING LEASE ROAD. TURN LEFT ONTO THE EXISTING LEASE ROAD AND CONTINUE EAST FOR 1.3 MILES TO A BEND IN THE ROAD. FOLLOW THE BEND TO THE RIGHT AND CONTINUE SOUTH FOR ANOTHER 0.5 OF A MILE TO AN EXISTING LEASE ROAD ON THE LEFT. TURN LEFT ONTO THE EXISTING LEASE ROAD AND CONTINUE 0.6 OF A MILE TO AN EXISTING WELL PAD. VEER TO THE RIGHT ONTO THE PROPOSED LEASE ROAD TO THE COBRA COBRETTI WELL PAD LOCATION. CONTINUE ON THE PROPOSED LEASE ROAD FOR 0.22 OF A MILE ENTERING THE NORTHEAST CORNER OF THE PROPOSED WELL PAD.

Exhibit "B.3" Lease Tract Map
Cobra Cobretti Federal Com 301H, 302H, 552H, 554H
SE/4 of Section 25, E/2 of Section 36 - T24S-R28E, & E/2 of Section 1 - T25S-R28E : 800.08 acres

Tr.1	J	I	SE/4 of Section 25-24S-28E
	O	P	
Tr.2	B	A	
	G	H	
			E/2 of Section 36-24S-28E
Tr.4	J	I	
	O	P	
Tr.5	B	A	
			E/2 of Section 1-25S-28E
Tr.6	G	H	
Tr.8	O	P	

- Tract 1: State (160.00 acres)
- Tract 2: State (120.00 acres)
- Tract 3: State (40.00 acres)
- Tract 4: State (160.00 acres)
- Tract 5: Fed (40.06 acres)
- Tract 6: Fed (40.00 acres)
- Tract 7: Fed (40.00 acres)
- Tract 8: Fed (40.00 acres)
- Tract 9: State (40.02 acres)
- Tract 10: State (40.00 acres)
- Tract 11: Fee (80.00 acres)

Exhibit "B.4" Summary of Contacts

Cobra Cobretti Federal Com 301H, 302H, 552H, 554H

SE/4 of Section 25, E/2 of Section 36 - T24S-R28E, & E/2 of Section 1 - T25S-R28E : 800.08 acres

Summary of Contacts

- Marathon conducted extensive title work to determine the working interest owners and other interest owners.
- Marathon searched public records, phone directory, and various types of internet searches.
- Marathon sent well proposal letters to the working interest owners on or around October 26, 2023.
- Marathon proposed general terms of a Joint Operating Agreements (JOA) within the well proposal letters sent to working interest owners.
 - Marathon has discussed the general terms of the JOA, with the intent of finalizing the JOA prior to spud (subject to final approvals), with those working interest owners wishing to execute JOAs
- Marathon had multiple communications with the uncommitted working interest owners, which I have outlined in the chart below.
- Marathon has acquired several parties' working interest in the spacing through commercial transactions
- Marathon filed applications to force pool parties who had not entered into an agreement.
- Marathon's counsel sent notices of the force pooling applications to the addresses of record for the uncommitted interest owners and also for overriding royalty interest owners.
- Marathon also published notice in a newspaper of general circulation in the county where the wells will be located.



**Exhibit "B.4" Summary of Contacts
Cobra Cobretti Federal Com 301H, 302H, 552H, 554H
SE/4 of Section 25, E/2 of Section 36 - T24S-R28E, & E/2 of Section 1 - T25S-R28E : 800.08 acres**

Summary of Contact with Working Interest Owners					Fellow Up
Name	% Interest	Proposal Letter Sent	Proposal Letter Received		
Murchison Oil and Gas LLC	5.689741%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23	
ONY USA, Inc	5.060695%	10/26/2023	11/1/2023	Well proposal sent on 10/26/23 and received on 11/1/23. Reached out to discuss proposal.	
Foran Oil Company	5.002000%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23. Reached out to discuss proposal. Executed JOA	
COG Production LLC	3.998433%	10/26/2023	11/7/2023	Well proposal sent on 10/26/23 and received on 11/7/23. Executed JOA	
The Aljar Company	3.541348%	10/26/2023	11/2/2023	Well proposal sent on 10/26/23 and received on 11/2/23	
Performance Oil and Gas Company	2.501000%	10/26/2023	11/2/2023	Well proposal sent on 10/26/23 and received on 11/2/23. Reached out to discuss proposal. Executed JOA	
Marium Hunter Production, Inc	2.499750%	10/26/2023	10/31/2023	Well proposal sent on 10/26/23 and received on 10/31/23. Reached out to discuss proposal. Executed JOA	
Occidental Permian Limited Partnership	1.209131%	10/26/2023	11/1/2023	Well proposal sent on 10/26/23 and received on 11/1/23. Reached out to discuss proposal.	
W T Boyle & Company	1.057894%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23	
H M Bartis, Inc	1.041596%	10/26/2023	10/31/2023	Well proposal sent on 10/26/23 and received on 10/31/23	
Stovall Energy, Ltd	1.041596%	10/26/2023	10/31/2023	Well proposal sent on 10/26/23 and received on 10/31/23. Provided elections, into the wells.	
ONY T-2 Company	1.000271%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23. Reached out to discuss proposal.	
COG Operating LLC	1.000150%	10/26/2023	10/31/2023	Well proposal sent on 10/26/23 and received on 10/31/23. Executed JOA	
Peter Bidou, Trustee of the Bidou Family Trust dated 8/15/2002	0.999900%	10/26/2023	11/2/2023	Well proposal sent on 10/26/23 and received on 11/2/23	
Iverhill Energy Corporation	0.999900%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23	
Bearing Service & Supply Company, Inc	0.798920%	10/26/2023	11/2/2023	Well proposal sent on 10/26/23 and received on 11/2/23	
CD Ray Exploration, LLC	0.602197%	10/26/2023	11/1/2023	Well proposal sent on 10/26/23 and received on 11/1/23. Reached out to discuss proposal and provided elections, into the wells.	
Levi Oil & Gas, LLC	0.511449%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23	
Bechtel/ImkZone II, LLC	0.418458%	10/26/2023	11/2/2023	Well proposal sent on 10/26/23 and received on 11/2/23	
USO Energy Resources, LLC	0.374963%	10/26/2023	11/2/2023	Well proposal sent on 10/26/23 and received on 11/2/23. Provided elections into the wells.	

Continued on the next page



**Exhibit "B.4" Summary of Contacts
Cobra Cobretti Federal Com 301H, 302H, 552H, 554H
SE/4 of Section 25, E/2 of Section 36 - T24S-R28E, & E/2 of Section 1 - T25S-R28E : 800.08 acres**

Summary of Contact with Working Interest Owners continued				
Robin L. Morgan, Personal Representative of the Estate of Frank S. Morgan, deceased, and Robin L. Morgan	0.074993%	10/26/2023	11/2/2023	Well proposal sent on 10/26/23 and received on 11/2/23.
Judeh Oil, LLC	0.069993%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23.
LHAH Properties, LLC	0.045120%	10/26/2023		Well proposal sent 10/26/23, unable to be delivered, reached out via email and sent proposals. LHAH agreed to count as delivery. Executed the JOA.
Stillwater Investments	0.037597%	10/26/2023		Well proposal sent 10/26/23, unable to be delivered.
M Code LLC	0.033331%	10/26/2023	11/3/2023	Well proposal sent on 10/26/23 and received on 11/3/23. Provided elections into the wells and requested JOA.
Beachburns Energy, LLC	0.033331%	10/26/2023	11/2/2023	Well proposal sent on 10/26/23 and received on 11/2/23. Reached out to discuss proposals and provided elections into the wells.
David W. Cromwell	0.024071%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23. Provided elections into the wells.
H6 Holdings, LLC	0.022551%	10/26/2023	10/31/2023	Well proposal sent on 10/26/23 and received on 10/31/23.
Jarvis J. Slade and wife, Pamela Ferrari Slade	0.022551%	10/26/2023	10/31/2023	Well proposal sent on 10/26/23 and received on 10/31/23.
TBO Oil & Gas, LLC	0.012123%	10/26/2023	10/31/2023	Well proposal sent on 10/26/23 and received on 10/31/23. Provided elections into the wells.
The Trustee of the Richard and Alice Farrell Living Trust dated June 2, 1997, restated November 2, 2005	0.008078%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23.
Patricia L. Spurlin a/k/a Patricia Hartv	0.004972%	10/26/2023	11/10/2023	Well proposal sent on 10/26/23 and received on 11/10/23.
Alice Ann Farrell	0.003418%	10/26/2023	11/3/2023	Well proposal sent on 10/26/23 and received on 11/3/23.
Richard Gene Farrell, Jr.	0.003418%	10/26/2023		Well proposal sent 10/26/23, unable to be delivered.
Sitio Permian, LLC	0.002486%	10/26/2023	10/31/2023	Well proposal sent on 10/26/23 and received on 10/31/23.
Llano Natural Resources, LLC	0.001243%	10/26/2023	11/2/2023	Well proposal sent on 10/26/23 and received on 11/2/23. Provided elections into the wells.
Dorchester Minerals, L.P.	0.001243%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23.
Jim Farrell	0.000209%			Address unknown; researched whereabouts, but unable to locate.
Vance Farrell	0.000207%			Address unknown; researched whereabouts, but unable to locate.
James Oscar Owen	0.000062%			Address unknown; researched whereabouts, but unable to locate.

Exhibit "B" Summary of Contacts
Cobra Cobretti Federal Com 301H, 302H, 552H, 554H
SE14 of Section 25, E/2 of Section 36 - T24S-R28E, & E/2 of Section 1 - T25S-R28E : 800.08 acres

Summary of Contact with Working Interest Owners continued			
Covey Energy Partners, LP	0.274953%	10/26/2023	10/31/2023 Well proposal sent on 10/26/23 and received on 10/31/23. Reached out to discuss proposals and provided elections into wells.
Hartley Petroleum LLC	0.256123%	10/26/2023	10/30/2023 Well proposal sent on 10/26/23 and received on 10/30/23. Executed the JOA.
Richardson Mineral & Royalty, LLC	0.248965%	10/26/2023	10/30/2023 Well proposal sent on 10/26/23 and received on 10/20/23.
COG Acquire LP	0.240389%	10/26/2023	10/31/2023 Well proposal sent on 10/26/23 and received on 10/31/23. Executed JOA.
Hammesmith Realty, Inc	0.239947%	10/26/2023	Well proposal sent 10/26/23, unable to be delivered.
Zerman Basin Investment Corporation	0.239970%	11/20/2023	11/29/2023 Well proposal sent on 10/26/23, went undelivered, resent 11/29/23 and received on 11/22/23. Provided elections into the wells.
Marks Oil, Inc	0.239345%	10/26/2023	11/3/2023 Well proposal sent on 10/26/23 and received on 11/3/23. Provided elections into the wells and requested JOA.
RSC Resources, LP	0.212653%	10/26/2023	11/13/2023 Well proposal sent on 10/26/23 and received on 11/13/23. Provided elections into the wells.
Gulm Family Properties, Ltd	0.168079%	10/26/2023	11/7/2023 Well proposal sent on 10/26/23 and received on 11/7/23. Elected to go non-consent in the wells.
Kerwick-Atrems, LLC	0.203755%	10/26/2023	10/30/2023 Well proposal sent on 10/26/23 and received on 10/30/23. Provided elections into the wells and executed the JOA.
Edgwell Living Trust	0.159530%	10/26/2023	10/30/2023 Well proposal sent on 10/26/23 and received on 10/30/23. Elected to go non-consent in the wells.
Slah Exploration Limited Partnership	0.159985%	10/26/2023	10/30/2023 Well proposal sent on 10/26/23 and received on 10/30/23.
A. Wayne Davernport and wife, Karen Davernport	0.139588%	10/26/2023	10/30/2023 Well proposal sent on 10/26/23 and received on 10/30/23.
Caridice and Dean DeLaney	0.159985%	10/26/2023	10/31/2023 Well proposal sent on 10/26/23 and received on 10/31/23.
Cump Family Limited Partnership, Ltd	0.126573%	10/26/2023	10/31/2023 Well proposal sent on 10/26/23 and received on 10/31/23.
Collins & Jones Investments, LLC	0.147615%	10/26/2023	Well proposal sent on 10/26/23 and received on 10/30/23. Reached out to discuss proposals and provided elections into the wells and executed the JOA.
413 Associates, Inc	0.118140%	10/26/2023	10/30/2023 Well proposal sent on 10/26/23 and received on 10/30/23.
Trer Perros, Inc	0.104165%	10/26/2023	11/6/2023 Well proposal sent on 10/26/23 and received on 11/6/23. Provided elections into the wells.
Stavros Properties, LLC	0.093201%	10/26/2023	10/30/2023 Well proposal sent on 10/26/23 and received on 10/30/23. Reached out to discuss proposals and provided elections into the wells.
Chalr Investments, LLC	0.093211%	10/26/2023	11/10/2023 Well proposal sent on 10/26/23 and received on 11/10/23. Provided elections into the wells.
Bld Group, LLC	0.083328%	10/26/2023	11/9/2023 Well proposal sent on 10/26/23 and received on 11/9/23. Provided elections into the wells.

Continued on the next page.

**Exhibit "B.5" Summary of Interests
Cobra Cobretti Federal Com 301H, 302H, 552H, 554H
SE/4 of Section 25, E/2 of Section 36 - T24S-R28E, & E/2 of Section 1 - T25S-R28E : 800.08 acres**

Committed Working Interest Owners	
Marathon Oil Permian LLC	69.313636%
Foran Oil Company	55.403457%
COG Production LLC	5.002000%
Performance Oil and Gas Company	3.998435%
COG Operating LLC	2.501000%
Hanley Petroleum LLC	1.000150%
COG Acreage LP	0.356423%
MEC Petroleum Corp.	0.340389%
Warwick-Artemis, LLC	0.315228%
Collins & Jones Investments, LLC	0.203758%
LHAH Properties, LLC	0.147675%
	0.045120%
	30.661029%
Uncommitted Working Interest Owners	
Murchison Oil and Gas, LLC	5.689741%
OXY USA, Inc.	5.060695%
The Allar Company	3.541346%
Magnum Hunter Production, Inc.	2.499750%
Occidental Permian Limited Partnership	1.203131%
W. T. Boyie & Company	1.057894%
H. M. Bettis, Inc.	1.041596%
Stovall Energy, Ltd.	1.041596%
OXY V-1 Company	1.000275%
Peter Balog, Trustee of the Balog Family Trust dated 8/15/2002	0.999900%
Riverhill Energy Corporation	0.999900%
Bearing Service & Supply Company, Inc.	0.799920%
CD Ray Exploration, LLC	0.602197%
Levi Oil & Gas, LLC	0.511449%
RealTimeZone II, LLC	0.418458%
DSD Energy Resources, LLC	0.374963%
Covey Energy Partners, LP	0.374963%
Richardson Mineral & Royalty, LLC	0.34965%
HammerSmith Realty, Inc.	0.299970%
Permian Basin Investment Corporation	0.299970%
Marks Oil, Inc.	0.283314%

Continued on the next page

Exhibit "B.5" Summary of Interests
Cobra Cobretti Federal Com 301H, 302H, 552H, 554H
SE/4 of Section 25, E/2 of Section 36 - T24S-R28E, & E/2 of Section 1 - T25S-R28E : 800.08 acres

Uncommitted Working Interest Owners Continued	
RSC Resources, LP	0.212653%
Guinn Family Properties, Ltd.	0.208079%
Engwall Living Trust	0.199980%
Slash Exploration Limited Partnership	0.199980%
A. Wayne Davenport and wife, Karen Davenport	0.199980%
Candice and Dean Dellehey	0.199980%
Crump Family Limited Partnership, Ltd.	0.165737%
I-43 Associates, Inc.	0.118140%
Tres Perros, Inc.	0.104160%
Essayons Properties, LLC	0.093741%
Cellar Investments, LLC	0.093741%
Bid Group, LLC	0.083328%
Robin L. Morgan, Personal Representative of the Estate of Frank S. Morgan, deceased, and Robin L. Morgan	0.074993%
Judith Oil, LLC	0.069993%
Stillwater Investments	0.037597%
M Code LLC	0.03331%
Beachburns Energy, LLC	0.03331%
David W. Cromwell	0.024071%
H6 Holdings, LLC	0.022551%
Jarvis J. Slade and wife, Pamela Ferrari Slade	0.022551%
TBO Oil & Gas, LLC	0.012123%
Unleased Mineral Owners	
The Trustee of the Richard and Alice Farrell Living Trust dated June 2, 1997, restated November 2, 2005	0.025334%
Patricia L. Spurlin a/k/a Patricia Harry	0.008078%
Alice Ann Farrell	0.004972%
Richard Gene Farrell, Jr.	0.003418%
Sitio Pernian, LLC	0.003418%
Llano Natural Resources, LLC	0.002486%
Dorchester Minerals, L.P.	0.001243%
Jim Farrell	0.001243%
Vance Farrell	0.000209%
James Oscar Owen	0.000207%
	0.000062%

Exhibit "B.5" Summary of Interests
 Cobra Cobretti Federal Com 301H, 302H, 552H, 554H
 SE/4 of Section 25, E/2 of Section 36 - T24S-R28E, & E/2 of Section 1 - T25S-R28E : 800.08 acres

ORRI Owners		
1979 Royalties, LP	Ieb Corey Honeyman	Pegasus Resources NM, LLC
3SD Interests, LLC	Jennifer Ann Scott	Performance Oil and Gas Company
Aian Jochimsen	Jim Whitehead Oil & Gas LLC	Permian Basin Investment Corporation
Angelo Holdings, LLC	Jon Esslinger and Louis J. Esslinger	Ramon Hillburn
Ashley Dean Crow	Jordan Walkeman	RCB Investments
Bane Bible	JTD Resources	RealTimeZone, Inc.
Billy R. Medlin	Kenneth D. Trunghelliar	Rewind21, LLC
Bren Jeremy Honeyman	L.T. Capital, LLC	Rio Brazos Mineral Company, LLC
Carton Jack, LLC	LaNeil Joy Honeyman, as Trustee of the Leslie Robert Honeyman Trust	Robert L. Thornton
Carl A. Morgan and wife, Gwenetta B. Morgan	Laurence A. Smith and Rhonda Q. Smith, Trustees of the Laurence A. Smith and Rhonda Q. Smith Family Trust dated 3/6/1988	Robin L. Morgan, Personal Representative of the Estate of Frank S. Morgan, deceased, and Robin L. Morgan
Catalyst Energy, LLC	Levi Oil & Gas, LLC	Rockwell Energy Resources, LLC
CD Ray Exploration, LLC	Ulando Natural Resources, LLC	Rockwood Resources LLC
Centennial	Long, LLC	ROEC, Inc.
Charles J. Kinzolving	Louis J. Hoffman	Roger Bellah
Chisos Minerals, LLC	Lynn Medlin	Rondero Company, Inc.
Community Minerals, LLC	Magic Merlin Energy Investments LLC	Sam L. Shakerford
David Wingo	Mark B. Murphy, as Trustee of the Mark B. Murphy Irrevocable Trust UTA dated 12/11/2012	Scott Investment Corporation
Don Fedric	Mark L. Schidler and wife, Mizzi Shidler	Siere Oil & Gas Corporation
Donald E. Wenner and wife, Laurie Wenner	Marvin C. Gross	SM Energy Company
Dargoon Creek Minerals, LLC	McCulliss Oil & Gas, Inc.	SMP Patriot Mineral Holdings, LLC
Dutch-Insh Oil, Inc.	McCulliss Resources Co., Inc.	Southwest Petroleum Land Services, LLC
E&S, LLC	Michael James Kard	States Royalty Limited Partnership
Etouise Justice	Mitchell Exploration, Inc.	Stillwater Investments
Energy Properties Limited, LP	IMKHM Oil, LLC	Strata Production Company
Enk I. Knudson	Monty D. McLane	Susan S. Murphy, as Trustee of the Susan S. Murphy Marital Trust UTA dated 11/15/2012
Estate of Donald R. Curry, John S. Curry, Executor	Moorhead Cattle Company	Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts
Foran Oil Company	Murphy Petroleum Corporation	Tarpon Industries Corporation
Fortyniner Ridge, Inc.	Nancy Moorhead	Teyn Daley Gonzalez
Fortyniner Ridge, LLC	Newkumet Exploration, Inc.	The Tapeats Trust
Gene Shumate	MM&T Resources, LLC	Thomas K. Campbell
GHHunker, LLC	North Fork Land Management, LP	Timothy Z. Jennings
Glen Blakeney	Norton LLC	Ward N. Adkins, Jr.
Helen D. Alpers Living Trust	Oak Valley Mineral & Land, LP	West Bend Energy Partners III, LLC
Hutchings Oil Company	OXY V-1 Company	William N. Heiss and Susan E. Heiss, Co-Trustees of the William N. Heiss Profit Sharing Plan
I-43 Associates, Inc.	Palisano Partners	Wing Resources V, LLC
Immerparty Family Minerals, LLC	Patricia Blakeney	Worral Investment Corporation
Innovations, Inc.	Patrick J. Morello and Alice M. Morello	Zeus Petroleum, Inc.
James K. Lusk and Martha L. Lusk, Trustees of the James K. Lusk and Martha L. Lusk Trust UTA dated 4/29/1992	Paula Campbell	Zunis Energy, LLC

**Exhibit "B.5" Summary of Interests
Cobra Cobretti Federal Com 301H, 302H, 552H, 554H
SE/4 of Section 25, E/2 of Section 36 - T24S-R28E, & E/2 of Section 1 - T25S-R28E : 800.08 acres**

Committed Working Interest Owners - Tract Ownership Breakdown												
Interest Owner	Tract											
	1 WI	2 WI	3 WI	4 WI	5 WI	6 WI	7 WI	8 WI	9 WI	10 WI	11 WI	
Marathon Oil Permian LLC	8.7770835%	79.000000%	80.500000%	59.337523%	45.000000%	45.000000%	45.000000%	45.000000%	90.000000%	90.000000%	79.054508%	69.313636%
Foran Oil Company					33.933333%	33.333333%	33.333333%				55.402457%	
COG Production LLC	18.994175%										5.000000%	
Performance Oil and Gas Company					16.666667%						3.998435%	
COG Operating LLC			5.000000%								2.501000%	
Nashley Petroleum LLC	1.782295%										1.000150%	
COG Acquire LP	1.782295%										0.356423%	
MEC Petroleum Corp	1.702115%										0.318228%	
MarrickArtemis, LLC	1.576300%										0.209258%	
Collins & Jones Investments, LLC				1.018891%							1.476899%	
JMH Properties, LLC	0.225625%										0.147675%	0.045120%
Uncommitted Working Interest Owners - Tract Ownership Breakdown												
	30.686364%											
	Interest Owner											
Murchison Oil and Gas, LLC	Tract 1 WI	Tract 2 WI	Tract 3 WI	Tract 4 WI	Tract 5 WI	Tract 6 WI	Tract 7 WI	Tract 8 WI	Tract 9 WI	Tract 10 WI	Tract 11 WI	Unit WI
JOY USA, Inc	78.451550%											5.689741%
The Albar Company	25.306009%			17.708504%								5.060583%
Metallum Hunter Production, Inc								50.000000%				3.541346%
Occidental Permian Limited Partnership	6.016255%											2.499750%
M. T. Boyle & Company				5.290000%								1.209131%
J. M. Berets, Inc				5.208500%								1.057864%
Stoell Energy Ltd				5.208500%								1.041586%
OKY V-1 Company									10.000000%	10.000000%		1.000272%
Peter Balog, Trustee of the Balog Family Trust dated 8/15/2002												0.999900%
Riverhill Energy Corporation		2.500000%	2.500000%	2.500000%	5.000000%	5.000000%	5.000000%	5.000000%				0.999900%
Operating Service & Supply Company, Inc		4.000000%	4.000000%									0.999900%
CO River Exploration LLC	0.617180%											0.798213%
ew Oil & Gas, LLC	2.557500%											0.602197%
Shell Permian II, LLC	2.092500%											0.511449%
OSO Energy Resources, LLC												0.418458%
Covey Energy Partners, LP												0.374953%
												0.374953%

Continued on the next page



Exhibit "B.1" Summary of Interests
 Cobra Cobretti Federal Com 301H, 302H, 552H, 554H
 SE/4 of Section 25, E/2 of Section 36 - T24S-R28E, & E/2 of Section 1 - T25S-R28E : 800.08 acres

Uncommitted Working Interest Owners Continued													
	Interest Owner	Tract 1 WI	Tract 2 WI	Tract 3 WI	Tract 4 WI	Tract 5 WI	Tract 6 WI	Tract 7 WI	Tract 8 WI	Tract 9 WI	Tract 10 WI	Tract 11 WI	Unit WI
	Richardson Mineral & Royalty, LLC		2.000000%	1.000000%									0.245655%
	Hammerly Realty, Inc		1.500000%	1.500000%									0.299709%
	Permian Basin Investment Corporation		1.500000%	1.500000%									0.299709%
	Marx Oil, Inc				1.41572%								0.283334%
	HSC Resources, LP											2.125740%	0.212653%
	Sullivan Family Properties, Ltd				1.040500%								0.208079%
	Ergeval Living Trust		1.000000%	1.000000%									0.199980%
	Blair Exploration Limited Partnership		1.000000%	1.000000%									0.199980%
	A. Wayne Davenport and wife, Karen Davenport		1.000000%	1.000000%									0.199980%
	Carolee and Dean Delaney		1.000000%	1.000000%									0.199980%
	Gunn Family Limited Partnership, Ltd.												0.199980%
	43 Associates, Inc											1.657535%	0.165737%
	Trea Perrot, Inc											1.181519%	0.118140%
	Essayan Properties, LLC				0.520950%								0.104160%
	Cellar Investments, LLC											0.937500%	0.093741%
	2nd Group, LLC				0.416889%								0.084328%
	Robin L. Morgan, Personal Representative of the Estate of Frank S. Morgan, deceased, and Robin L. Morgan		0.500000%										0.074993%
	Judah Oil, LLC	0.350000%											0.069993%
	Stillwater Investments	0.188000%											0.037997%
	M Code LLC				0.166672%								0.033831%
	Blackburn Energy, LLC				0.166672%								0.033831%
	3rd W. Cromwell	0.120365%											0.024071%
	HIS Holdings, LLC	0.112765%											0.022851%
	David L. Stude and wife, Pamela Ferrin Stude	0.112765%											0.022851%
	IBO Oil & Gas, LLC	0.022515%											0.012123%
	The Trustee of the Richard and Alice Farrell Living Trust dated June 2, 1997, restated November 2, 2005												0.080790%
	Patricia L. Spurlin aka Patricia Harv												0.004972%
	Alice Ann Farrell												0.004972%
	Richard Gene Farrell, Jr.												0.004972%
	Solo Permian, LLC	0.112765%											0.002486%
	Lance Natural Resources, LLC												0.012430%
	Decker Mineral, LP												0.001243%
	Don Farrell												0.000709%
	Yance Farrell												0.000709%
	Jenny Oat Owen												0.000620%



Ryan Gyllenband
Staff Land Professional
Permian

Marathon Oil Company
990 Town & Country Blvd.
Houston, TX 77024
Telephone 713.296.2453
mrgyllenband@marathonoil.com

DELIVERED VIA CERTIFIED MAIL
Tracking #:

October 26, 2023

Interest Owner
Address 1
Address 2

Re: Cobra Cobretti BS Federal Com 301H, 551H, 552H, 302H, 553H & 554H (the
"Wells")
Participation Proposal
SE/4 Section 25, E/2 Section 36, T24S-R28E, & E/2 Section 1, T25S-28E
Eddy County, New Mexico

Dear Sir/Madam:

Marathon Oil Permian LLC ("Marathon") proposes the drilling, completion, and equipping of the Wells to test the Bone Spring formation, at a legal location in SE/4 of Section 25, & E/2 of Section 36, Township 24 South, Range 28 East and E/2 of Section 1, Township 25 South, Range 28 East, Eddy County, New Mexico (the "Subject Lands), as follows:

Well Name	First Take Point		Last Take Point		TVD	MD	Target Interval
Cobra Cobretti BS Federal Com 301H	2,310' FEL Section 1	100' FSL Section 1	2,310' FEL Section 25	2,540' FNL Section 25	7,490'	20,240'	1st Bone Spring
Cobra Cobretti BS Federal Com 551H	2,310' FEL Section 1	100' FSL Section 1	2,310' FEL Section 25	2,540' FNL Section 25	9,175'	21,925'	3rd Bone Spring
Cobra Cobretti BS Federal Com 552H	1,640' FEL Section 1	100' FSL Section 1	1,640' FEL Section 25	2,540' FNL Section 25	9,175'	21,925'	3rd Bone Spring
Cobra Cobretti BS Federal Com 302H	1,000' FEL Section 1	100' FSL Section 1	1,000' FEL Section 25	2,540' FNL Section 25	7,490'	20,240'	1st Bone Spring
Cobra Cobretti BS Federal Com 553H	990' FEL Section 1	100' FSL Section 1	990' FEL Section 25	2,540' FNL Section 25	9,175'	21,925'	3rd Bone Spring
Cobra Cobretti BS Federal Com 554H	330' FEL Section 1	100' FSL Section 1	330' FEL Section 25	2,540' FNL Section 25	9,175'	21,925'	3rd Bone Spring

Authority for Expenditure (AFEs)

Enclosed with this letter is an Authority for Expenditure ("AFE") for each of the proposed Wells. Please be aware that the enclosed AFEs are only an estimate of costs to be incurred,

and by electing to participate, you shall be responsible for your proportionate share of all actual costs incurred.

Voluntary Agreement of Compulsory Pooling

Marathon will provide, upon request, a proposed Joint Operating Agreement ("JOA") for development of the Subject Lands that will include the following basic terms:

- Marathon Oil Permian LLC to be named as Operator
- Contract Area begin the Subject Lands
- As a charge for the risk involved in drilling the well, 300% of the above costs
- \$10,000 per month drilling overhead rates and \$1,000 per month producing overhead rates, adjusted annually pursuant to Section III.1.A.3 of COPAS form titled "Accounting Procedure-Joint Operations."

If you would like to discuss a farmout, an assignment of interest, an acreage trade or other form of agreement for your interests in the Subject Lands, please contact the undersigned. If Marathon is unable to reach a voluntary agreement for the development of the Subject Lands with all the interest owners in the proposed spacing unit, Marathon will file an application with the New Mexico Oil Conservation Division for an order pooling the Subject Lands.

Election Instructions

Please use the attached ballot to indicate your desire to participate in each of the proposed wells and return a signed AFE for each well in which you elect to participate. If we do not receive a response from you within thirty (30) days, we will proceed with the necessary proceedings to pool your interests in the proposed spacing unit for the initial wells.

Should you have any questions regarding the above, please do not hesitate to contact me at the information provided at the top of this letter.

Best Regards,
Marathon Oil Permian LLC

Ryan Gyllenband

Ryan Gyllenband
Staff Land Professional

PARTICIPATION BALLOT

Interest Owner hereby elects to:

Participate in the **Cobra Cobretti BS Federal Com 301H Well** by paying its proportionate share of all actual costs.

Not to participate in the **Cobra Cobretti BS Federal Com 301H Well**.

Participate in the **Cobra Cobretti BS Federal Com 551H Well** by paying its proportionate share of all actual costs.

Not to participate in the **Cobra Cobretti BS Federal Com 551H Well**.

Participate in the **Cobra Cobretti BS Federal Com 552H Well** by paying its proportionate share of all actual costs.

Not to participate in the **Cobra Cobretti BS Federal Com 552H Well**.

Participate in the **Cobra Cobretti BS Federal Com 302H Well** by paying its proportionate share of all actual costs.

Not to participate in the **Cobra Cobretti BS Federal Com 302H Well**.

Participate in the **Cobra Cobretti BS Federal Com 553H Well** by paying its proportionate share of all actual costs.

Not to participate in the **Cobra Cobretti BS Federal Com 553H Well**.

Participate in the **Cobra Cobretti BS Federal Com 554H Well** by paying its proportionate share of all actual costs.

Not to participate in the **Cobra Cobretti BS Federal Com 554H Well**.

By: _____

Title: _____

Print Name: _____

Date: _____

MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 10/1/2023
 DRILLING & LOCATION PREPARED BY COURT NELSON
 COMPLETION PREPARED BY KRISTEN DRAIN
 FACILITIES PREPARED BY HARSHA OISSANAYAKE
 ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE

Asset Team: PERMIAN
 Field: Eddy Co. FORMATION: BS WILDCAT EXPLORATION
 Well Name: Cobra Cobretti BS Federal Com 301H DEVELOPMENT RECOMPLETION
 Location: SE/4 Sec. 25 & E/2 Sec. 36, 245-28E,
 Prospect: E/2 Sec. 1, 255-28E X EXPLOITATION WORKOVER
 Est Total Depth: 20,240' Est Drilling Days: 25,552 Est Completion Days: #

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	171,000
7001250	Land Broker Fees and Services	114,000
		0
	TOTAL LOCATION COST - INTANGIBLE	\$285,000

DRILLING COST - TANGIBLE

7001270	Conductor Pipe	51,921
7012050	Surface Casing	35,307
7012050	Intermediate Casing 1	107,997
7012050	Intermediate Casing 2	-
7012050	Production Casing	539,983
7012550	Dwg Liner Hanger, Tieback Eq & Csg Accessories	51,921
7011840	Drilling Wellhead Equipment	49,845
7290503	Casing & Tubing Access	114,377
	Miscellaneous MRO Materials	10,384
		-
	TOTAL DRILLING - TANGIBLE	\$961,586

DRILLING COST - INTANGIBLE

7290002	Drilling Rig Mob/Demob	134,996
7290002	Drilling Rig - day work/footage	839,051
7019040	Directional Drilling Services	278,714
7019020	Cement and Cementing Service-Surface	31,153
7019020	Cement and Cementing Service-Intermediate 1	51,921
7019020	Cement and Cementing Service-Intermediate 2	-
7019020	Cement and Cementing Service-Production	311,520
7019140	Mud Fluids & Services	130,216
7012310	Solids Control equipment	75,515
7012020	Bits	245,221
7019010	Casing Crew and Services	11,074
7016350	Fuel (Rig)	170,053
7019140	Fuel (Mud)	62,106
7001460	Water (non potable)	51,921
7012350	Water (potable)	10,384
7019000	Well Logging Services	-
7019150	Mud Logging/geosteering	23,209
7019250	Stabilizers, Hole Openers, Underreamers (Diagnostics)	22,690
7019110	Casing Inspection/cleaning	31,153
7019110	Drill pipe/collar inspection services	20,769
7016180	Freight - truck	51,921
7001460	Water hauling and disposal (includes soil farming)	124,612
7001160	Contract Services - Disposal/Non-hazardous Waste	166,145
7001440	Vacuum Trucks	20,769
7000330	Contract Labor - General	62,305
7000010	Contract Labor - Operations	6,231
7001200	Contract Services - Facilities	20,769
7019300	Well Services - Well Control Services	40,447
7019350	Well Services - Well/Wellhead Services	20,769
7290003	Rental Tools and Equipment (surface rentals)	20,976
7260001	Rig Equipment and Misc.	167,810
7001110	Telecommunications Services	10,384
7001120	Consulting Services	176,201
7001400	Safety and Environmental	58,744
7330002	Rental Buildings (trailers)	20,976
7019310	Coring (sidewalls & analysis)	-
7011010	2% Contingency & Taxes	361,481
	TOTAL DRILLING - INTANGIBLE	\$3,918,414

TOTAL DRILLING COST

\$4,880,000

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012040	Tubing Accessories (nipple, valve line entry)	-
7012550	Wellhead Equip	15,000
7012560	Partners - Completion Equipment	-
		-
	TOTAL COMPLETION - TANGIBLE	\$15,000

COMPLETION - INTANGIBLE

7021270	Location and Access (drill location after rig move, set anchors)	11,700
7290002	Drilling Rig During Completion	-
7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	183,858
7019240	Snubbing Services	-

7019270	Pulling/Swab Units	-
7016350	Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	346,252
7190002	Fracturing Services	4,810,232
7019320	Perforating	-
7019360	Wireline Services	216,503
7001460	Water Handling & Disposal (frac fluids)	-
7016180	Freight - Truck (haul pipe, drlg & comp)	259,637
7190091	BOP Rental & Testing	-
7290003	Rental Tools and Equipment (incl drlg light/ent/holes-walk)	-
7290003	CT Downhole Rental Equipment (ie. 8", BHA)	54,322
7290009	Contract Labor - general	-
7000030	Telecommunications Services	41,786
7001110	Safety and Environmental	-
7001400	Consulting Services	109,897
7001120	Zipper Manifold	164,442
7019300	Frack Stack Rentals	142,072
7016180	Freight (Transportation Services)	8,023
7260001	Equipment Rental (w/o operator, frac tanks, light/parts)	212,544
7130002	Panel Building, Trailers	-
7000030	Contract Labor - Pumping (pump-down pumps)	41,786
7011010	8% Contingency & Taxes	-
TOTAL COMPLETION - INTANGIBLE		\$6,605,053

TOTAL COMPLETION COST \$6,620,053

SURFACE EQUIPMENT - TANGIBLE

7012350	Misc. Piping, Fittings & Valves	159,015
7005640	Company Labor & Burden	-
7000030	Contract Labor - General	172,698
7001110	Telecommunication equip (Telemetry)	-
7012410	Line Pipe & Accessories	46,035
7012270	Miscellaneous Materials (containment system)	47,921
7008060	SCADA	15,170
7016180	Freight - truck	15,859
7001180	Contract Engineering	9,824
7012290	Maintaining and instrumentation	269,097
7012290	IEE Materials	157,845
7012200	Gas Treating	-
7012200	Dehydration	-
7012010	Compressor	10,262
7012350	Power	-
7011610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	255,150
7012500	Tanks	44,912
7012100	Heater Treater	182,741
7012640	Flare & Accessories	19,282
7000010	Electrical Labor	87,218
7000010	Mechanical Labor	188,608
7012480	Prod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	35,332
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$1,675,000

TOTAL SURFACE EQUIPMENT COST \$ 1,675,000

ARTIFICIAL LIFT

7000030	Contract Labor	3,000
7001120	Consultant	7,000
7008230	Time Writing/Overhead	1,000
7012180	Artificial Lift Equipment	152,000
7012350	Materials & Supplies	1,200
7012550	Production Tree	1,000
7012580	Tubing	63,000
7016190	Freight	3,000
7018150	Rentals	3,600
7019130	Kill Fluid	1,200
7019220	Well Services & A/c	16,400
TOTAL ARTIFICIAL LIFT		255,000

TOTAL ARTIFICIAL LIFT COST \$ 255,000

SUMMARY OF ESTIMATED DRILLING WELL COSTS TOTAL COST

TOTAL LOCATION COST	\$ 285,000
TOTAL DRILLING COST	\$ 4,880,000
TOTAL COMPLETIONS COST	\$ 6,620,053
TOTAL SURFACE EQUIPMENT COST	\$ 1,675,000
TOTAL ARTIFICIAL LIFT COST	\$ 255,000
GRAND TOTAL COST	\$13,715,053

MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 10/1/2013
 DRILLING & LOCATION PREPARED BY COURT NELSON
 COMPLETION PREPARED BY KRISTEN DRAIN
 FACILITIES PREPARED BY HARSHA DISSANAYAKE
 ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE

Asset Team PERMIAN
 Field Eddy Co. FORMATION: BS
 Well Name Cobra Cobretti BS Federal Com 302H WILDCAT EXPLORATION
 Location SE/4 Sec. 25 R/E/2 Sec. 36, 245-28E DEVELOPMENT RECOMPLETION
 Prospect E/2 Sec. 1, 255-28E X EXPLOITATION WORKOVER
 Est Total Depth 20,240' Est Drilling Days 25.552 Est Completion Days 8

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	171,000
7001250	Land Broker Fees and Services	114,000
		0
	TOTAL LOCATION COST - INTANGIBLE	\$285,000

DRILLING COST - TANGIBLE

7001270	Conductor Pipe	51,921
7012050	Surface Casing	35,307
7012050	Intermediate Casing 1	107,997
7012050	Intermediate Casing 2	-
7012050	Production Casing	539,983
7012050	Dig Liner Hanger, Tieback Eq. & Csg Accessories	51,921
7012550	Drilling Wellhead Equipment	49,845
7012040	Casing & Tubing Access	119,227
7290003	Miscellaneous MRO Materials	10,384
		-
	TOTAL DRILLING - TANGIBLE	\$961,586

DRILLING COST - INTANGIBLE

7290002	Drilling Rig Mob/Disemb	134,896
7290002	Drilling Rig - day work/footage	839,051
7019040	Directional Drilling Services	278,714
7019020	Cement and Cementing Serv: Surface	31,153
7019020	Cement and Cementing Serv: Intermediate 1	51,921
7019020	Cement and Cementing Serv: Intermediate 2	-
7019020	Cement and Cementing Serv: Production	311,529
7012310	Mud Fluids & Services	130,219
7013020	Solids Control equipment	75,555
7019010	Blts	249,223
7016350	Casing Crew and Services	83,074
7019140	Fuel (Rig)	180,053
7001460	Fuel (Mud)	62,306
7012350	Water (non potable)	51,921
7019000	Water (potable)	10,384
7019150	Well Logging Services	-
7019250	Mud Logging/steering	23,209
7019110	Stabilizers, Hole Openers, Underreamers (Oit rentals)	73,690
7019110	Casing Inspection/cleaning	31,153
7016180	Drill pipe/collar inspection services	20,769
7001460	Freight - truck	51,921
7001360	Water hauling and disposal (includes soil farming)	124,612
7001440	Contract Services - Disposal/Non-hazardous Waste	166,149
7000030	Vacuum Trucks	20,769
7000010	Contract Labor - general	62,306
7001200	Contract Labor - Operations	6,231
7019300	Contract Services - Facilities	20,759
7019350	Well Services - Well Control Services	40,447
7290003	Well Services - Well/Wellhead Services	20,769
7260001	Rental Tools and Equipment (surface rentals)	20,976
7001110	Rig Equipment and Misc.	167,810
7001400	Telecommunications Services	10,384
7330002	Consulting Services	176,201
7019310	Safety and Environmental	58,734
7011010	Rental Buildings (trailers)	20,976
	Coring (oldwalls & analysis)	-
	4% Contingency & Taxes	361,491
	TOTAL DRILLING - INTANGIBLE	\$3,918,414

TOTAL DRILLING COST \$4,880,000

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012040	Tubing Accessories (nipple, wireline entry)	-
7012550	Wellhead Equip	15,000
7012560	Packers - Completion Equipment	-
		-
	TOTAL COMPLETION - TANGIBLE	\$15,000

COMPLETION - INTANGIBLE

7001270	Location and Access (direct location after rig move, set anchors)	11,700
7290002	Drilling Rig During Completion	-
7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	183,858
7019240	Snubbing Services	-

7019270	Pulling/Swab Lines	-
7016350	Fuel (from dril)	-
7019010	Coring Crew and Services	-
7019020	Concrete and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	346,257
7390002	Fracturing Services	4,610,232
7019330	Perforating	218,503
7019360	Wireline Services	-
7001450	Water Hauling & Disposal (frac fluids)	259,637
7016180	Freight - Truck (haul piping/drill & compl)	-
7290003	BOF Rental & Testing	-
7290003	Rental Tools and Equipment (haul dril, lightplant,hydra-walk)	-
7290003	CT Downhole Rental Equipment (ie. BH, BH/A)	54,322
7290003	Contract Labor - general	-
7000030	Telecommunications Services	41,786
7001110	Safety and Environmental	-
7001400	Consulting Services	109,897
7001120	Zipper Manifolds	164,442
7019900	Frack Stack Rentals	142,072
7016180	Freight (Transportation Services)	8,023
7300001	Equipment Rental (w/o operator, frac tanks, lightplants)	212,544
7330002	Rental Buildings (trailers)	-
7000030	Contract Labor - Pumping (pump-down pumps)	41,786
7011010	0% Contingency & Taxes	-
TOTAL COMPLETION - INTANGIBLE		\$6,605,053

TOTAL COMPLETION COST \$6,620,053

SURFACE EQUIPMENT - TANGIBLE

7012350	Misc. Piping, Fittings & Valves	159,015
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	172,698
7001110	Telecommunication equip (Telemetry)	-
7012410	Line Pipe & Accessories	46,035
7012270	Miscellaneous Materials (contaminant system)	47,952
7008060	SCADA	-
7016180	Freight - truck	15,170
7001190	Contract Engineering	15,859
7012280	Material and Instrumentation	9,824
7012280	I/E Materials	269,097
7012200	Gas Treating	157,845
7012100	Dehydration	-
7012010	Compressor	18,262
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	255,150
7012500	Tanks	44,912
7012100	Heater Treater	192,741
7012640	Flare & Accessories	19,282
7000010	Electrical Labor	87,218
7000010	Mechanical Labor	188,608
7012480	Rod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	35,332
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$1,675,000

TOTAL SURFACE EQUIPMENT COST \$ 1,675,000

ARTIFICIAL LIFT

7000030	Contract Labor	3,000
7001120	Consultant	2,400
7008230	Time Writing/Overhead	3,000
7012180	Artificial Lift Equipment	157,200
7012350	Materials & Supplies	1,200
7012550	Production Tree	3,000
7012580	Tubing	63,000
7016190	Freight	3,000
7018150	Rentals	3,600
7019130	Kill Fluid	1,200
7019220	Well Services & Rig	14,400
TOTAL ARTIFICIAL LIFT		255,000

TOTAL ARTIFICIAL LIFT COST \$ 255,000

SUMMARY OF ESTIMATED DRILLING WELL COSTS	TOTAL COST
TOTAL LOCATION COST	\$ 285,000
TOTAL DRILLING COST	\$ 4,880,000
TOTAL COMPLETION COST	\$ 6,620,053
TOTAL SURFACE EQUIPMENT COST	\$ 1,675,000
TOTAL ARTIFICIAL LIFT COST	\$ 255,000
GRAND TOTAL COST	\$13,715,053

MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 10/1/2023
 DRILLING & LOCATION PREPARED BY COURT NELSON
 COMPLETION PREPARED BY KRISTEN DRAIN
 FACILITIES PREPARED BY HARSHA DISSANAYAKE
 ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE

Asset Team PERMIAN
 Field Eddy Co. FORMATION: BS WILDCAT EXPLORATION
 Well Name Cobra Cobretti BS Federal Com 552H DEVELOPMENT RECOMPLETION
 SE/4 Sec. 25 & E/2 Sec. 36, 245-28E.
 Location E/2 Sec. 1, 255-28E X EXPLOITATION WORKOVER
 Prospect Malaga

Est Total Depth 21,925' Est Drilling Days 25.552 Est Completion Days 0

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	171,000
7001250	Land Broker Fees and Services	114,000
		0
	TOTAL LOCATION COST - INTANGIBLE	\$285,000

DRILLING COST - TANGIBLE

7001270	Conductor Pipe	51,921
7012050	Surface Casing	85,807
7012050	Intermediate Casing 1	107,997
7012050	Intermediate Casing 2	-
7012050	Production Casing	539,983
7012050	Only liner hanger, tieback Eq. & Crg Accessories	51,921
7012550	Drilling Wellhead Equipment	49,845
7012040	Casing & Tubing Access	114,227
7290003	Miscellaneous MRO Materials	10,384
		-
	TOTAL DRILLING - TANGIBLE	\$961,586

DRILLING COST - INTANGIBLE

7190003	Drilling Rig Mob./Demob	134,996
7290002	Drilling Rig - day work/footage	839,051
7019040	Directional Drilling Services	278,714
7019020	Cement and Cementing Serv. Surface	31,153
7019020	Cement and Cementing Serv. Intermediate 1	51,921
7019020	Cement and Cementing Serv. Intermediate 2	-
7019020	Cement and Cementing Serv. Production	311,529
7019140	Mud Fluids & Services	130,219
7012310	Solids Control equipment	75,515
7012020	Bits	249,223
7019010	Casing Crew and Services	83,074
7016350	Fuel (Hij)	130,053
7019140	Fuel (Mud)	62,308
7001460	Water (non potable)	51,921
7012350	Water (potable)	10,384
7019000	Well Logging Services	-
7019150	Mud Logging/geo-steering	23,209
7019250	Stabilizers, Hole Openers, Underreamers (OH rentals)	72,620
7019110	Casing Inspection/cleaning	21,151
7019110	Drill pipe/collar inspection services	20,769
7016180	Freight - truck	51,921
7001460	Water hauling and disposal (includes soil fertility)	124,612
7001160	Contract Services - Disposal/Non-Hazardous Waste	164,148
7001440	Vacuum Trucks	70,769
7000030	Contract Labor - general	62,306
7000010	Contract Labor - Operations	6,731
7001200	Contract Services - Facilities	20,769
7019300	Well Services - Well Control Services	46,447
7019350	Well Services - Well/Wellhead Services	20,769
7290001	Rental Tools and Equipment (surface rentals)	20,976
7260001	Rig Equipments and Attr.	167,810
7001110	Telecommunications Services	10,384
7001120	Consulting Services	176,201
7001400	Safety and Environmental	58,734
7340002	Rental Buildings (trailers)	20,676
7019310	Coring (sidewalk & analysis)	-
7011010	8% Contingency & Taxes	361,481
	TOTAL DRILLING - INTANGIBLE	\$3,918,444

TOTAL DRILLING COST \$4,880,000

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012040	Tubing Accessories (dipole, wireline entry)	-
7012550	Wellhead Equip	15,000
7012580	Packers - Completion Equipment	-
		-
	TOTAL COMPLETION - TANGIBLE	\$15,000

COMPLETION - INTANGIBLE

7001270	Location and Access (dress location after rig move, set anchors)	11,700
7290002	Drilling Rig During Completion	-
7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	183,858
7019240	Snubbing Services	-

7019270	Pulling/Swab Units	-
7016350	Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	146,252
7350002	Fracturing Services	4,810,232
7019930	Perforating	218,503
7019360	Wireline Services	-
7001460	Water Hauling & Disposal (frac fluids)	259,637
7016180	Freight - Truck (haul pipe, drlg & comp)	-
7290003	BOP Rental & Testing	-
7290003	Rental Tools and Equipment (incl drlg, light plant, hydro-walk)	-
7290003	CI Downhole Rental Equipment (w. ho, BHA)	54,322
7290003	Contract Labor - general	-
7000030	Telecommunications Services	41,786
7001110	Safety and Environmental	-
7001400	Consulting Services	109,897
7001120	Zipper Manifold	164,447
7019300	Frack Stack Rentals	147,072
7016180	Freight (Transportation Services)	8,023
7260001	Equipment Rental (w/o operator, frac tanks, lightplants)	212,544
7390002	Rental Buildings (trailers)	-
7000030	Contract Labor - Pumping (ramp-down pumps)	43,786
7011010	Inc Contingency & Taxes	-
TOTAL COMPLETION - INTANGIBLE		\$6,605,053

TOTAL COMPLETION COST \$6,620,053

SURFACE EQUIPMENT - TANGIBLE

7012350	Misc. Piping, Fittings & Valves	159,015
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	172,698
7001110	Telecommunication equip (telemetry)	-
7012410	Line Pipe & Accessories	46,035
7012270	Miscellaneous Materials (containment system)	47,952
7008060	SCADA	15,170
7016180	Freight - truck	15,859
7001190	Contract Engineering	9,814
7012290	Metering and Instrumentation	269,097
7012290	I&E Materials	357,845
7012200	Gas Treating	-
7012200	Dehydration	-
7012010	Compressor	18,262
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	255,150
7012500	Tanks	44,912
7012100	Heater Treater	192,741
7012640	Flare & Accessories	19,282
7000010	Electrical Labor	87,218
7000010	Mechanical Labor	388,608
7012490	Rod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	35,332
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$1,675,000

TOTAL SURFACE EQUIPMENT COST \$ 1,675,000

ARTIFICIAL LIFT

7000040	Contract Labor	3,000
7001120	Consultant	2,400
7008230	Time Wbring/Overhead	3,000
7012180	Artificial lift Equipment	157,200
7012350	Materials & Supplies	1,200
7012550	Production Tree	3,000
7012580	Tubing	63,000
7016190	Freight	3,000
7018150	Rentals	3,600
7019130	Kill Fluid	1,200
7019220	Well Services & Rig	16,400
TOTAL ARTIFICIAL LIFT		255,000

TOTAL ARTIFICIAL LIFT COST \$ 255,000

SUMMARY OF ESTIMATED DRILLING WELL COSTS TOTAL COST

TOTAL LOCATION COST	\$ 285,000
TOTAL DRILLING COST	\$ 4,880,000
TOTAL COMPLETIONS COST	\$ 6,620,053
TOTAL SURFACE EQUIPMENT COST	\$ 1,675,000
TOTAL ARTIFICIAL LIFT COST	\$ 255,000
GRAND TOTAL COST	\$13,715,053

MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 10/1/2023

DRILLING & LOCATION PREPARED BY COURT NELSON
 COMPLETION PREPARED BY KRISTEN DRAIN
 FACILITIES PREPARED BY HARSHA DISSANAYAKE
 ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE

Asset Team	PERMIAN		
Field	Eddy Co. FORMATION: BS	WILDCAT	EXPLORATION
Well Name	Cobra Cobretti BS Federal Com 554H	DEVELOPMENT	RECOMPLETION
Location	SE/4 Sec. 25 & E/2 Sec. 36, 24S-28E,	X EXPLOITATION	WORKOVER
Prospect	E/2 Sec. 1, 25S-28E		
	Melago		
Est Total Depth	21,925'	Est Drilling Days	25.552
		Est Completion Days	8

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	171,000
7001250	Land Broker Fees and Services	114,000
		0
TOTAL LOCATION COST - INTANGIBLE		\$285,000

DRILLING COST - TANGIBLE

7001270	Conductor Pipe	51,921
7012050	Surface Casing	35,307
7012050	Intermediate Casing 1	107,997
7012050	Intermediate Casing 2	-
7012050	Production Casing	539,983
7012050	Dlg Liner Hanger, Tieback Eq & Csg Accessories	51,921
7012550	Drilling Wellhead Equipment	49,845
7012040	Casing & Tubing Access	314,227
7390003	Miscellaneous MRO Materials	10,384
TOTAL DRILLING - TANGIBLE		\$961,586

DRILLING COST - INTANGIBLE

7290002	Drilling Rig Job/Demob	134,996
7290002	Drilling Rig - day work/footage	839,051
7019040	Directional Drilling Services	278,714
7019020	Cement and Cementing Service Surface	31,153
7019020	Cement and Cementing Service Intermediate 1	51,921
7019020	Cement and Cementing Service Intermediate 2	-
7019020	Cement and Cementing Service Production	311,529
7019140	Mud Fluids & Services	130,219
7012310	Solids Control equipment	75,515
7011020	Bits	249,223
7019010	Casing Crew and Services	83,074
7016350	Fuel (Rig)	130,053
7019140	Fuel (Mud)	62,306
7001460	Water (non potable)	53,921
7012350	Water (potable)	10,384
7019000	Well Logging Services	-
7019150	Mud Logging/geo-steering	23,203
7019250	Stabilizers, Hole Openers, Underreamers (Oil rentals)	22,690
7019110	Casing Inspection/cleaning	31,153
7019110	Dill pipe/collar inspection services	20,769
7018180	Freight - truck	51,921
7001460	Water hauling and disposal (includes soil farming)	124,612
7001160	Contract Services - Disposal/Non-Hazardous Waste	166,148
7001440	Vacuum Trucks	20,769
7000030	Contract Labor - general	62,306
7000010	Contract Labor - Operations	5,231
7001200	Contract Services - Facilities	20,769
7019300	Well Services - Well Control Services	40,447
7019350	Well Services - Well/Wellhead Services	20,769
7290003	Rental Tools and Equipment (surface rentals)	20,976
7260001	Rig Equipment and Misc.	167,810
7001110	Telecommunications Services	10,384
7001120	Consulting Services	176,201
7001400	Safety and Environmental	58,734
7330002	Rental Buildings (trailers)	20,976
7019310	Coring (sidewalls & analysis)	-
7011010	3% Contingency & Taxes	361,483
TOTAL DRILLING - INTANGIBLE		\$3,918,414

TOTAL DRILLING COST \$4,880,000

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012040	Tubing Accessories (nipples, wireline entry)	-
7012550	Wellhead Equip	15,000
7012560	Packers - Completion Equipment	-
TOTAL COMPLETION - TANGIBLE		\$15,000

COMPLETION - INTANGIBLE

7001270	Location and Access (dress location after rig move, set anchors)	11,700
7290002	Drilling Rig During Completion	-
7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	183,858
7019240	Snubbing Services	-

7019270	Pulling/Swab Units	-
7016350	Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	146,352
7390002	Fracturing Services	4,810,432
7019330	Perforating	218,303
7019360	Wellbore Services	-
7001460	Water Hauling & Disposal (frac fluids)	259,637
7016180	Freight - Truck (haul pipe, drlg & equip)	-
7290003	ROP Rental & Testing	-
7290003	Rental Tools and Equipment (incl drlg, lightplant, hydra-walk)	-
7290003	CT Downhole Rental Equipment (ie. BH, BHA)	54,322
7290003	Contract Labor - general	-
7000030	Telecommunications Services	41,786
7001110	Safety and Environmental	-
7001400	Consulting Services	109,897
7001120	Zipper Manifolds	164,442
7019300	Track Stack Rentals	142,072
7016180	Freight (transportation Services)	8,023
7260001	Equipment Rental (w/o operator, frac tanks, lightplants)	212,544
7330002	Rental Buildings (trailers)	-
7000030	Contract Labor - Pumping (pump, down pumps)	41,786
7011010	3% Contingency & Taxes	-
TOTAL COMPLETION - INTANGIBLE		\$6,605,053

TOTAL COMPLETION COST \$6,620,053

SURFACE EQUIPMENT - TANGIBLE

7012350	Misc. Piping, Fittings & Valves	159,015
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	172,698
7001110	Telecommunication equip (telemetry)	-
7012410	Line Pipe & Accessories	46,035
7012270	Miscellaneous Materials (containment system)	47,952
7008060	SCADA	15,170
7016180	Freight - truck	15,859
7001190	Contract Engineering	9,824
7012290	Metering and instrumentation	269,097
7012290	ISE Materials	157,845
7012200	Gas Treating	-
7012200	Dehydration	-
7012010	Compressor	10,262
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	255,150
7012500	Tanks	44,912
7012100	Heater Treater	192,741
7012640	Flare & Accessories	19,282
7000010	Electrical Labor	87,218
7000010	Mechanical Labor	188,608
7012480	Rod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	35,332
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$1,675,000

TOTAL SURFACE EQUIPMENT COST \$ 1,675,000

ARTIFICIAL LIFT

7000030	Contract Labor	3,000
7001120	Consultant	2,400
7009230	Time Writing/Overhead	3,000
7012160	Artificial Lift Equipment	157,200
7012350	Materials & Supplies	1,200
7012550	Production tree	3,000
7012580	Tubing	63,000
7016190	Freight	3,000
7018150	Rentals	3,600
7019130	Kill Fluid	1,200
7019220	Well Services & Rig	14,400
TOTAL ARTIFICIAL LIFT		255,000

TOTAL ARTIFICIAL LIFT COST \$ 255,000

SUMMARY OF ESTIMATED DRILLING WELL COSTS	TOTAL COST
TOTAL LOCATION COST	\$ 285,000
TOTAL DRILLING COST	\$ 4,880,000
TOTAL COMPLETION COST	\$ 6,620,053
TOTAL SURFACE EQUIPMENT COST	\$ 1,675,000
TOTAL ARTIFICIAL LIFT COST	\$ 255,000
GRAND TOTAL COST	\$13,715,053

**Oil Conservation Division
Hearing
Thursday, May 2, 2024**

**OCD Case 24085
Marathon Oil Permian LLC**

Hearing Exhibits

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Exhibit C

Affidavit of Greg Buratowski

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

APPLICATION OF MARATHON OIL PERMIAN
LLC FOR COMPULSORY POOLING AND,
TO THE EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT,
EDDY COUNTY, NEW MEXICO

CASE NO. 24085

STATE OF TEXAS)
) ss.
COUNTY OF HARRIS)

AFFIDAVIT OF GREG BURATOWSKI

Greg Buratowski, being duly sworn, deposes and states as follows:

1. I am over the age of 18, I am a geologist for Marathon Oil Permian, LLC (“Marathon”), and have personal knowledge of the matters stated herein. I have previously testified before the Oil Conservation Division (“Division”) and my credentials as an expert petroleum geologist were accepted by the Division as a matter of record.

2. My area of responsibility at Marathon includes the area of Eddy County in New Mexico.

3. I am familiar with the application filed by Marathon in this case.

4. **Exhibit C.1** is a locator map showing the approximate location of the proposed unit in relation to the Capitan Reef.

5. **Exhibit C.2** is a wellbore schematic showing Marathon’s development plan.

6. **Exhibits C.3 through C.6** are the geology study I prepared for the **Cobra Cobretti BS Federal Com 301H and Cobra Cobretti BS Federal Com 302H wells**, which will target the First Bone Spring formation.

7. **Exhibit C.3** is a structure map of the First Bone Spring formation. The proposed spacing unit is identified by a black-dashed line box. The Cobra Cobretti BS Federal Com 301H and Cobra Cobretti BS Federal Com 302H wells proposed in this case are identified by the red line. The contour interval used in this exhibit is 25 feet. This exhibit shows that the structure dips gently to the east.

8. **Exhibit C.4** is a cross-section reference map that identifies three wells in the vicinity of the proposed wells, shown by a line of cross-section running from A to A'.

9. **Exhibit C.5** is a stratigraphic cross-section, and the wells shown on the cross-section give a representative sample of the First Bone Spring formation in the area. The target zone is identified by green shading.

10. **Exhibit C.6** is a Gross Interval Isochore map of the First Bone Spring formation. Exhibit C.6 identifies the unit by a black-dashed line box and the Cobra Cobretti BS Federal Com 301H and Cobra Cobretti BS Federal Com 302H wells are identified by a red line. The gross interval thickness increases to the east of the unit.

11. **Exhibits C.7 through C.10** are the geology study I prepared for the **Cobra Cobretti BS Federal Com 552H and Cobra Cobretti BS Federal Com 554H wells**, which will target the Third Bone Spring Carbonate formation.

12. **Exhibit C.7** is a structure map of the Third Bone Spring Carbonate formation. The proposed spacing unit is identified by a black-dashed line box. The Cobra Cobretti BS Federal Com 552H and Cobra Cobretti BS Federal Com 554H wells proposed in this case are identified

by the red line. The contour interval used in this exhibit is 25 feet. This exhibit shows that the structure dips gently to the east.

13. **Exhibit C.8** is a cross-section reference map that identifies three wells in the vicinity of the proposed wells, shown by a line of cross-section running from A to A'.

14. **Exhibit C.9** is a stratigraphic cross-section, and the wells shown on the cross-section give a representative sample of the Third Bone Spring Carbonate formation in the area. The target zone is identified by green shading.

15. **Exhibit C.10** is a Gross Interval Isochore map of the Third Bone Spring Carbonate formation. Exhibit C.6 identifies the unit by a black-dashed line box and the Cobra Cobretti BS Federal Com 552H and Cobra Cobretti BS Federal Com 554H wells are identified by a red line. The gross interval thickness in the Third Bone Spring Carbonate has a consistent thickness across the proposed unit.

16. I conclude from the geology studies referenced above that:

- a. The horizontal spacing unit is justified from a geologic standpoint.
- b. There are no structural impediments or faulting that will interfere with horizontal development.
- c. Each quarter-quarter section in the proposed unit will contribute more or less equally to production.

17. **Exhibit C.11** provides an overview of the stress orientation in the area based on the 2018 Snee-Zoback paper.

18. The preferred well orientation in this area is either north/south or east/west, nearly orthogonal to S_{Hmax} , optimal for induced fracture propagation. This is because the S_{Hmax} is at approximately 45 degrees ENE in this area of Eddy County.

19. In my opinion, the granting of Marathon's application is in the interests of conservation and the prevention of waste.

20. The attachments to this affidavit were prepared by me, or compiled from company business records, or were prepared at my direction.

[Signature page follows]

Dated: April 29th, 2024

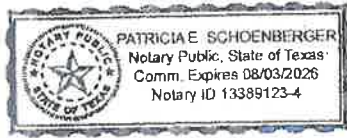
Greg Buratowski
Greg Buratowski

State of Texas

County of Harris

This record was acknowledged before me on April 29, 2024, by Greg Buratowski.

[Stamp]

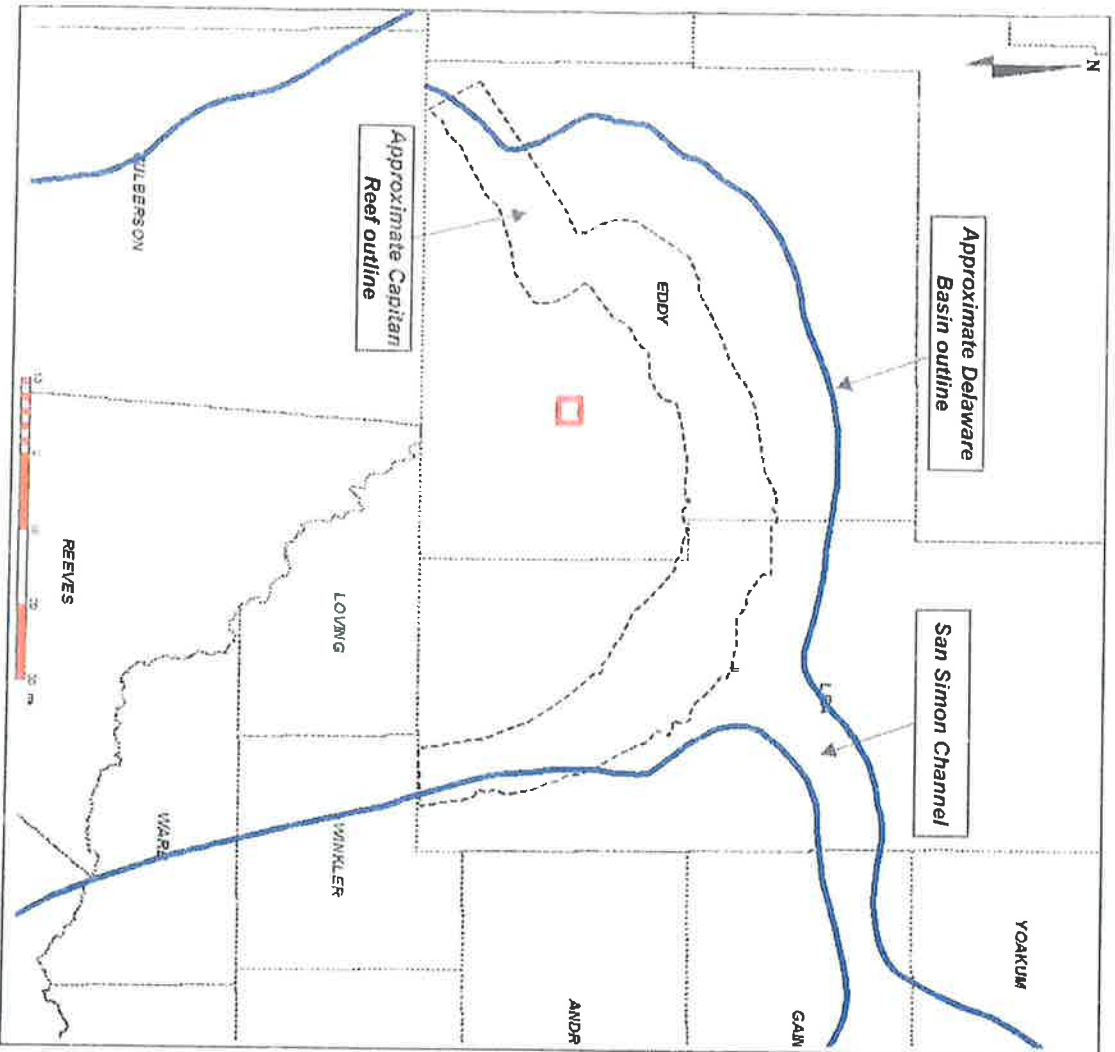


Patricia E. Schoenberger
Notary Public in and for the
State of Texas
Commission Number: 13389123-4

My Commission Expires: 8/3/2026

Cobra Cobretti Federal Com Unit

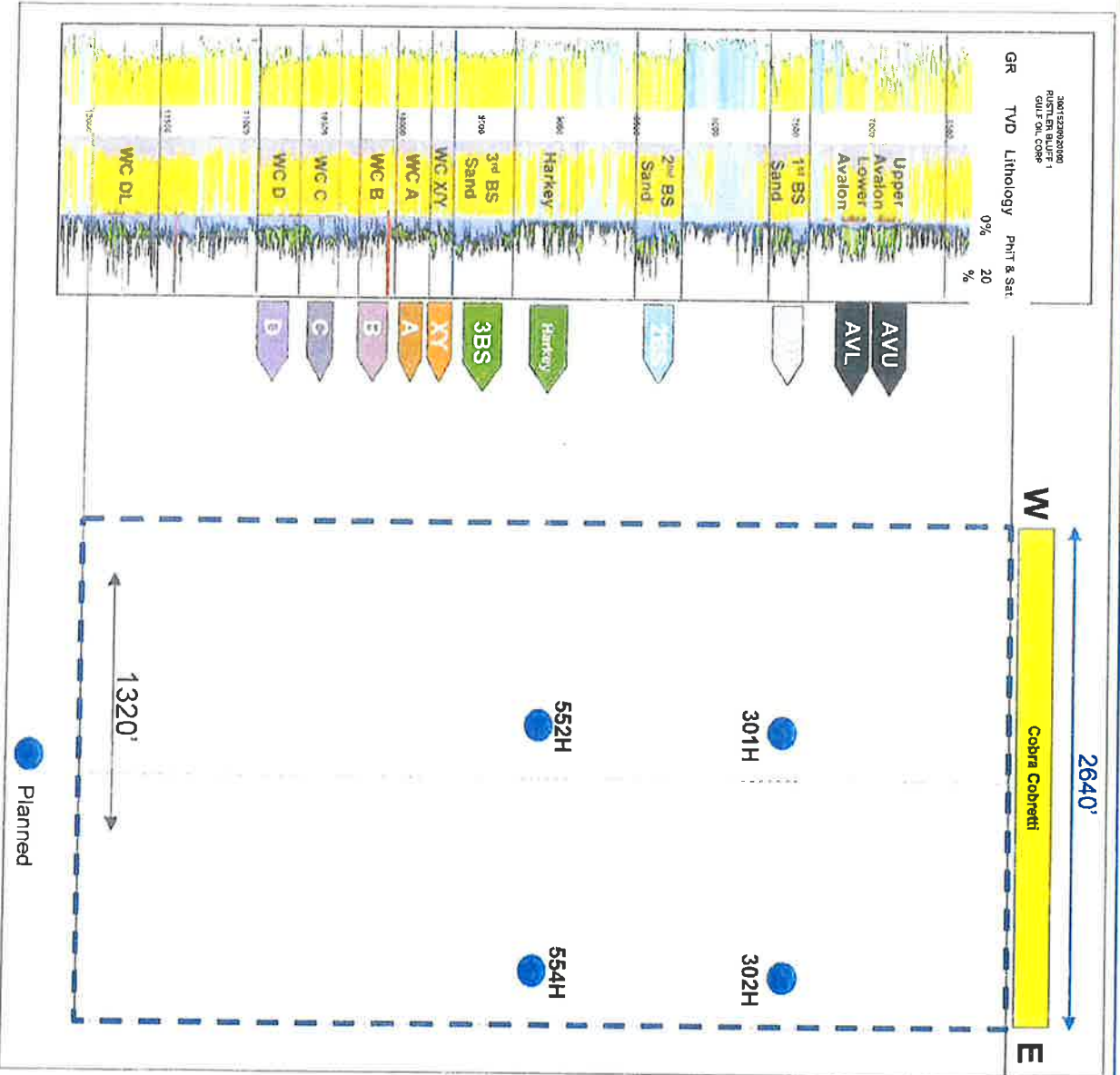
Locator Map



- Approximate location of proposed Cobra Cobretti Federal Com well locations shown with red box
- Located outside of the Capitan Reef
- Mid-eastern Eddy County

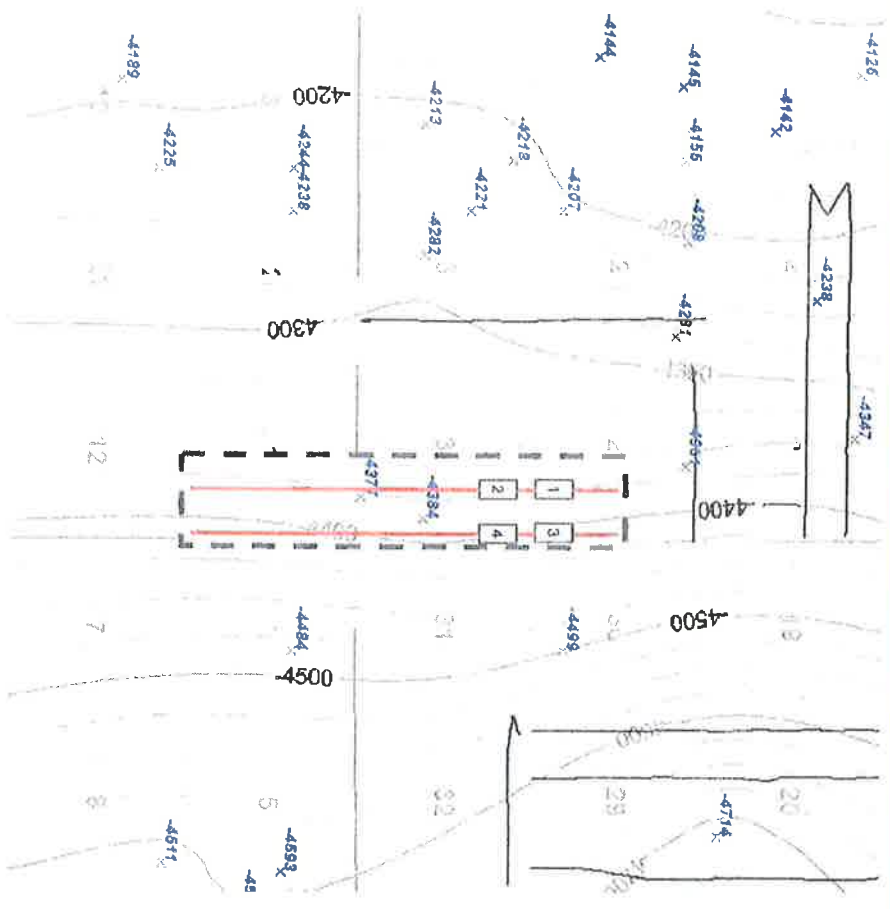
Cobra Cobretti Federal Com Unit

Wellbore Schematic



Cobra Cobretti Federal Com Unit

Structure Map – Top of First Bone Spring Sand (TVDS)



- | | |
|---|---------------------------------|
| 1 | Cobra Cobretti Federal Com 301H |
| 2 | Cobra Cobretti Federal Com 552H |
| 3 | Cobra Cobretti Federal Com 302H |
| 4 | Cobra Cobretti Federal Com 554H |

C.I. = 25'

1 mile

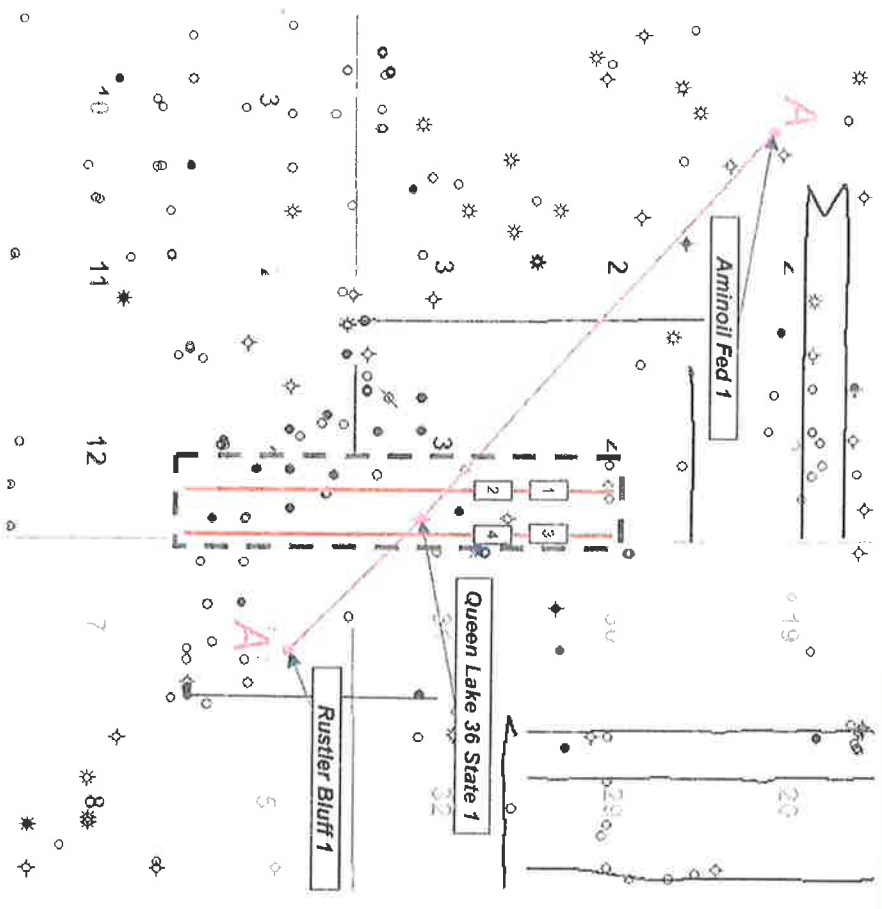
- Map Legend***
- Proposed Wells
 - Existing FBS Wells

The top of the First Bone Spring dips towards the east.

MRO Acreage Project Area

Cobra Cobretti Federal Com Unit

Reference Map for Cross Section



- | | |
|---|---------------------------------|
| 1 | Cobra Cobretti Federal Com 301H |
| 2 | Cobra Cobretti Federal Com 552H |
| 3 | Cobra Cobretti Federal Com 302H |
| 4 | Cobra Cobretti Federal Com 554H |

Map Legend*

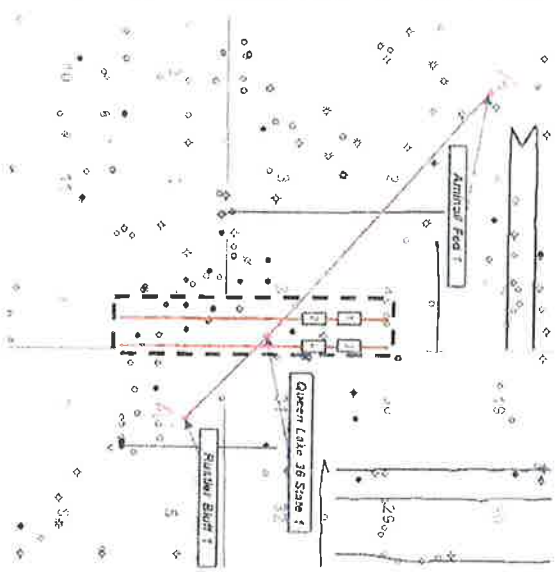
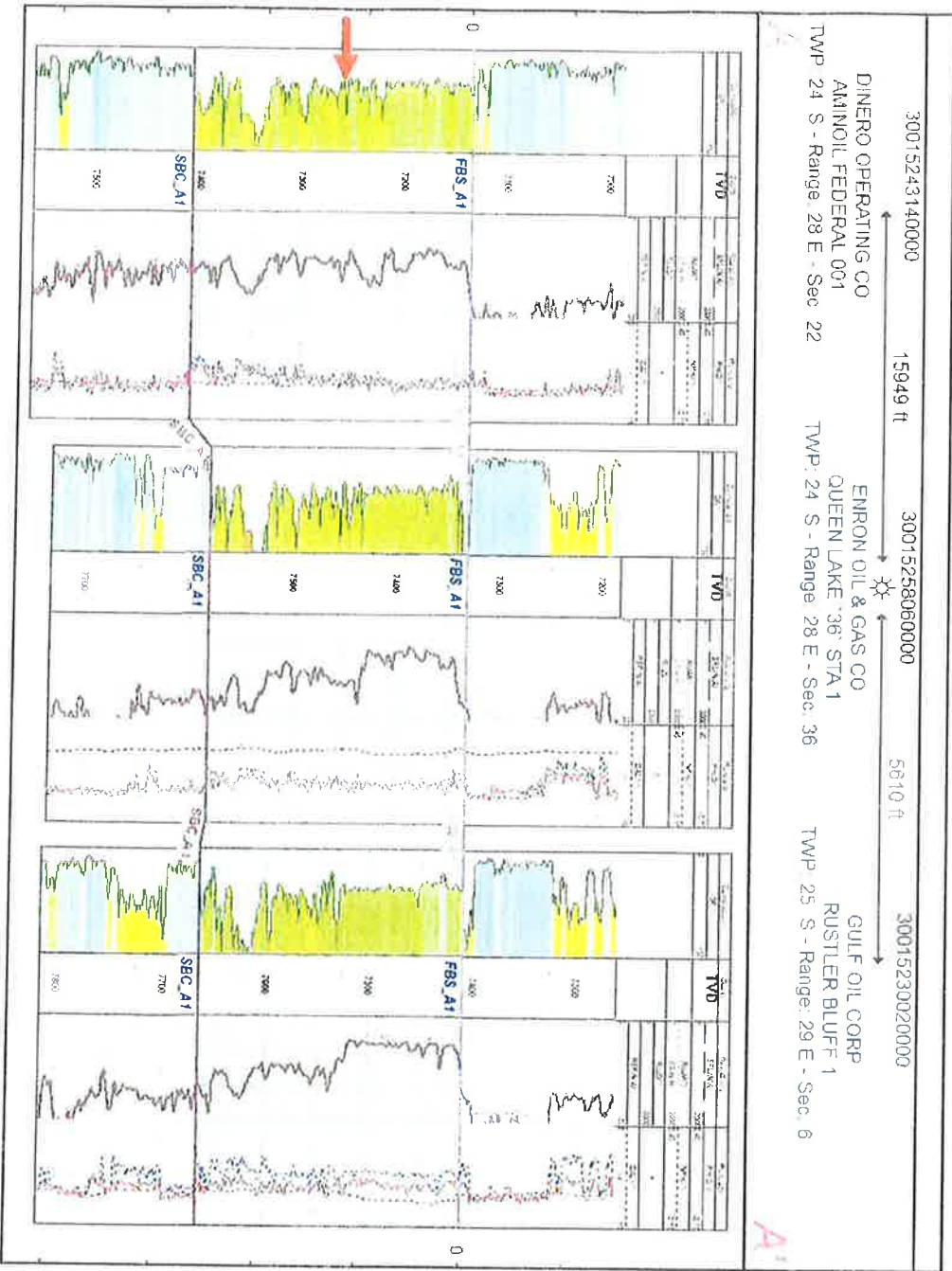
- Proposed Wells
- Existing FBS & TBC (Harkey) Wells
- MRO Acreage Project Area

C.I. = 25'

1 mile

Cobra Cobretti Federal Com Unit

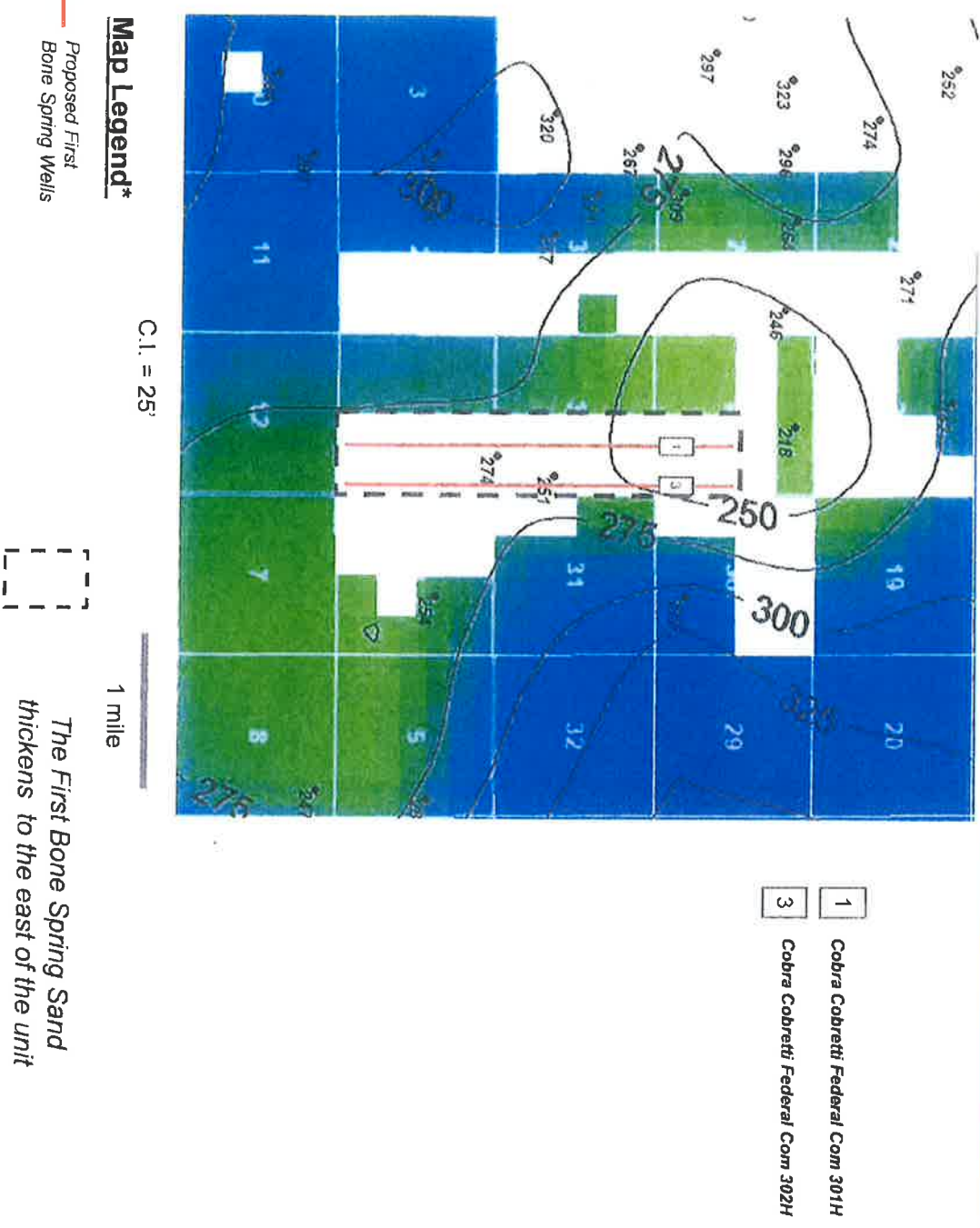
Stratigraphic Cross Section (Top First Bone Spring Datum)



Producing Zone – First Bone Spring

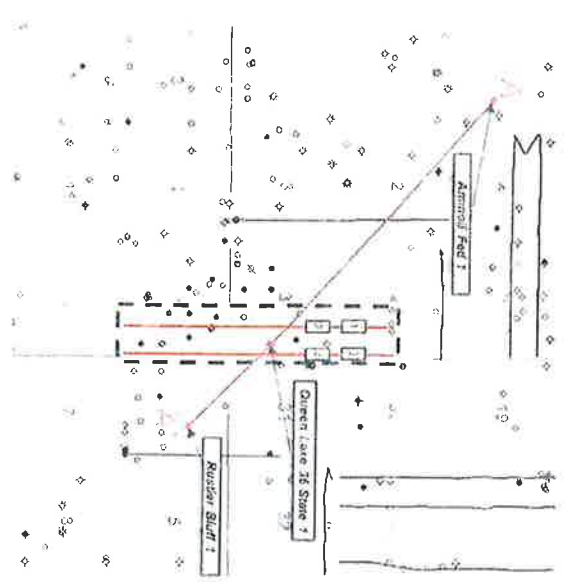
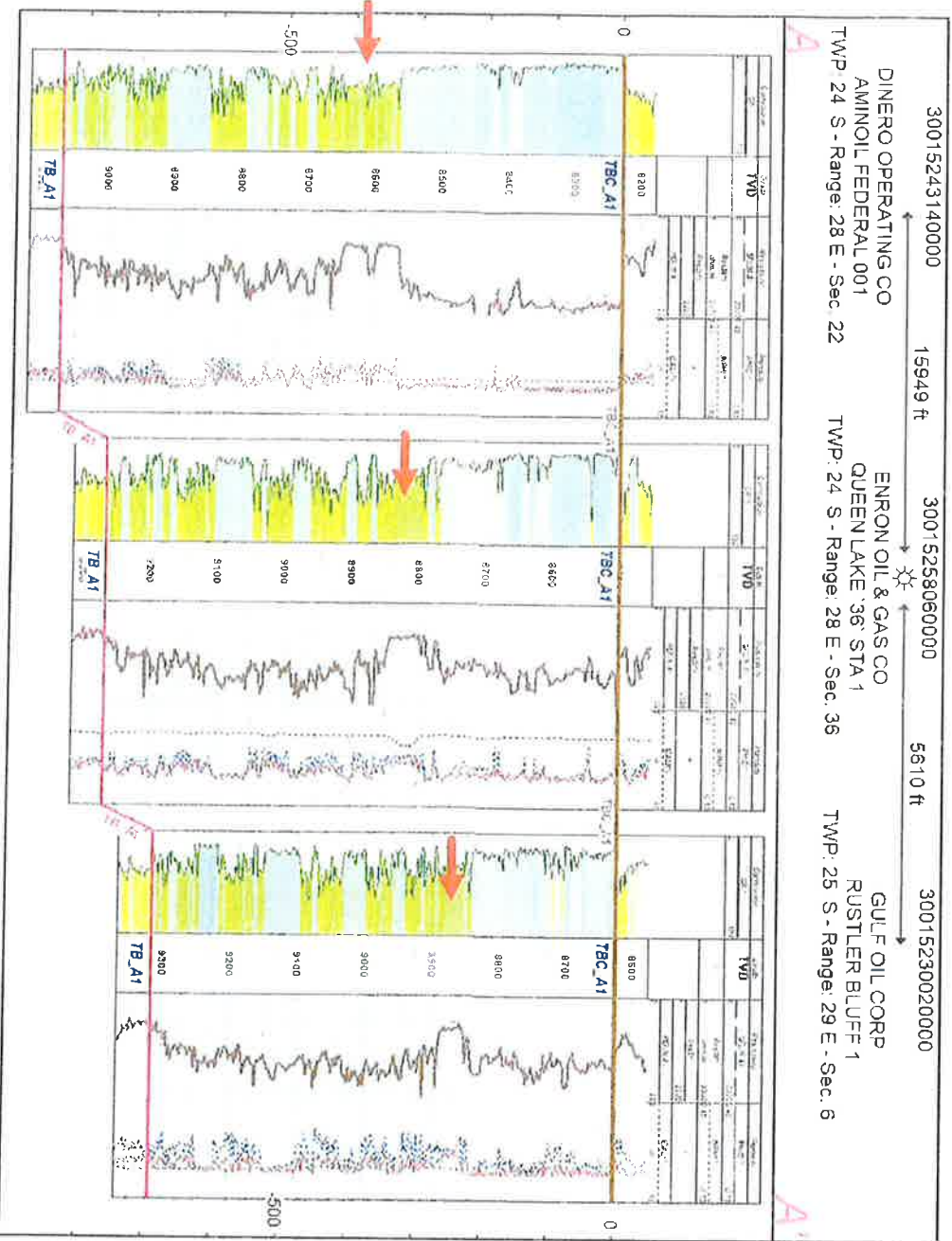
Cobra Cobretti Federal Com Unit

Gross Interval Isochore – Top First Bone Spring to Top Second Bone Spring Carbonate



Cobra Cobretti Federal Com Unit

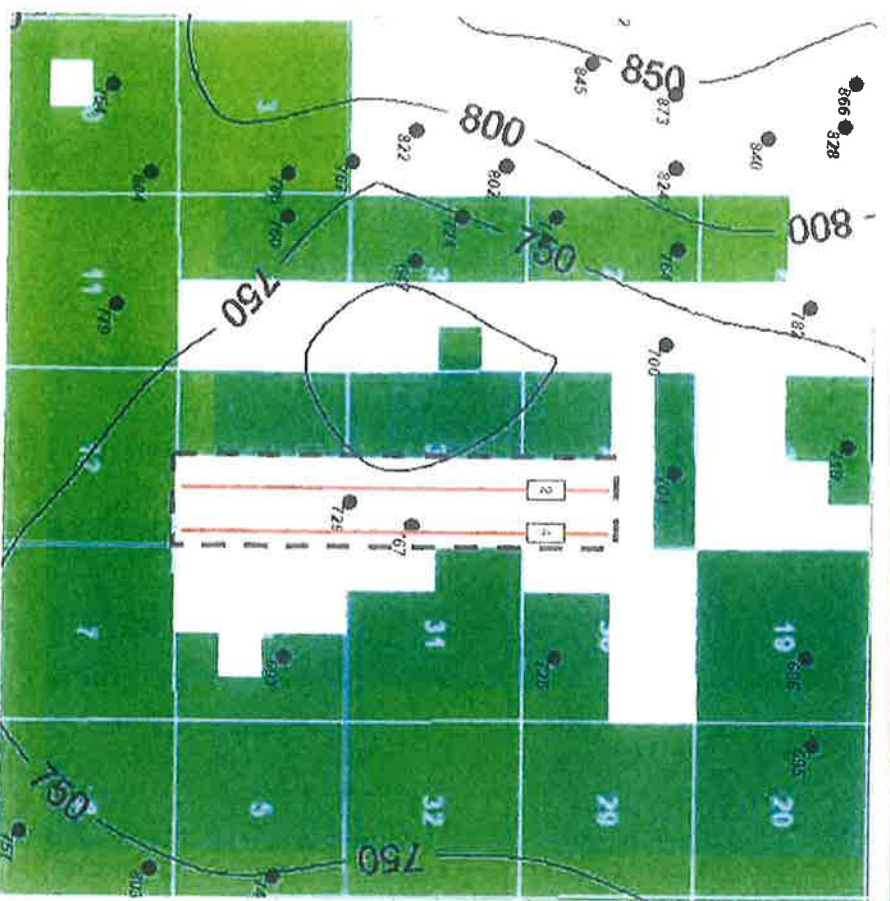
Stratigraphic Cross Section (Top Third Bone Spring Carbonate Datum)



Producing Zone – Harkey (Third Bone Spring Carbonate)

Cobra Cobretti Federal Com Unit

Gross Interval Isochore – Top Third Bone Spring Carbonate to Top Third Bone Spring Sand



- 2 Cobra Cobretti Federal Com 552H
- 4 Cobra Cobretti Federal Com 554H

Map Legend*

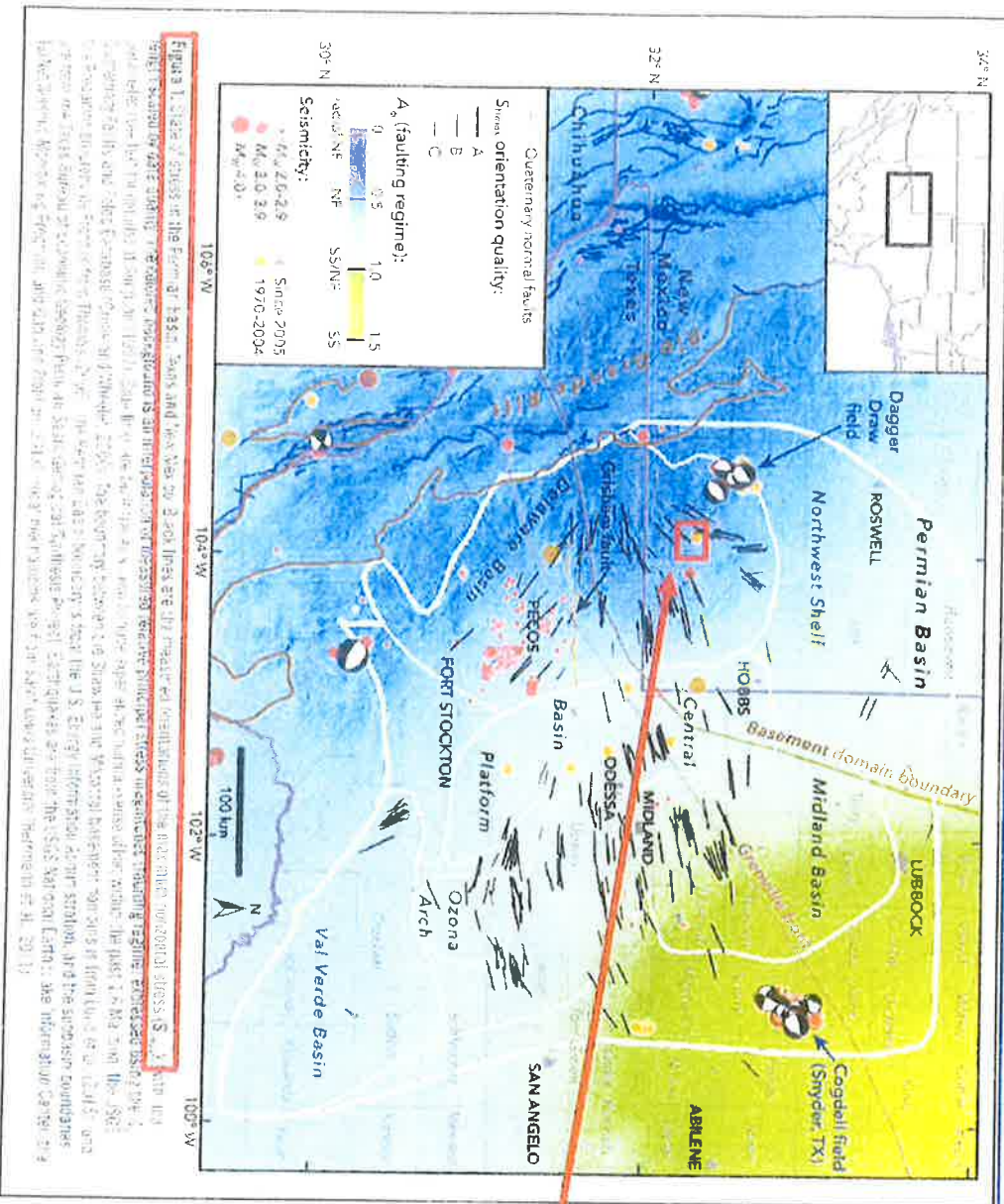
- Proposed Harkey Wells
- MRO Acreage
- Project Area
- The Third Bone Spring Carbonate has a consistent thickness across the proposed unit

C.I. = 50'

1 mile

Cobra Cobretti Federal Com Unit

Preferred Well Orientation - SHmax



Preferred well orientation is either N/S or EW

As outlined in Snee & Zoback (2018), SHmax is at approximately 45° in this part of Eddy County. As a result, hydraulic fractures will prefer to propagate outwards at 45° regardless if wells are oriented N/S or EW.

Source:
 Snee, J.L. & M.D. Zoback, 2018, State of stress in the Permian Basin, Texas and New Mexico: Implications for induced seismicity: The Leading Edge, 810-819, <https://doi.org/10.1190/le37020810.1>.