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May 9, 2024

Gregory Chakalian
Hearing Examiner
Oil Conservation Division
1220 South St. Francis Drive, 3rd Floor
Santa Fe, NM 87505

Re: Supplemental Filing—Case 24085

Dear Mr. Chakalian,

Attached hereto is a revised Exhibit B showing tabulation tables in an upright position rather than a landscape horizontal format.

The reasons for the filing is that Mr. McClure, the technical examiner, raised the issue of which ORRI owners were being pooled. A tabulation of ORRI ownership at Page B-25 now shows that all ORRI owners on the tabulation are being pooled.

The second reason for this filing is that Mr. Savage, based on the testimony of Marathon's land expert witnesses felt that the special provision that had been negotiated by the parties needed further clarification. Following the hearing, the parties added further language to the special provision to satisfy the issue raised by Mr. Savage. The special provision, as amended, is attached hereto.

Please let us know if you have any questions.

Very truly yours,

/s/ **Ernest L. Padilla**

ERNEST L. PADILLA

ELP:jbg

Enclosures as indicated

C: Dean McClure
Darin Savage, Esq.
Sheila Apodaca
Trey Tchantz

Oil Conservation Division
Hearing
Thursday, May 2, 2024

OCD Case 24085
Marathon Oil Permian LLC

Hearing Exhibits

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Exhibit B

Affidavit of Ryan Gyllenband

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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 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

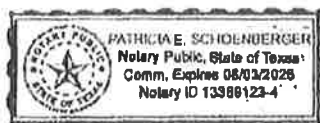
Ryan Gyllenband P.S.
Ryan Gyllenband

State of Texas

County of Harris

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

[Stamp]



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

My Commission Expires: 8/3/2028

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Page 1 of 4

**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**

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Ex.B-6

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Page 2 of 4

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:

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Page 3 of 1

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

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Page 4 of 4

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.

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1625 N. French Dr., Hobbs, NM 88240
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District II
1111 S. First St., Artesia, NM 88210
Phone: (505) 748-1281 Fax: (505) 748-9720
District III
1010 Rio Huerfano Road, Aztec, NM 87410
Phone: (505) 331-6178 Fax: (505) 331-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 176-3460 Fax: (505) 176-3462

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

APN/Tract No.	Tract No.	Well Name
372098	64450	WILLOW LAKE, BONE SPRING
Tract No.	Property Name	Tract No.
372098	COBRA COBRETTE BS FEDERAL COM	30111
	MARATHON OIL PERMIAN LLC	2916

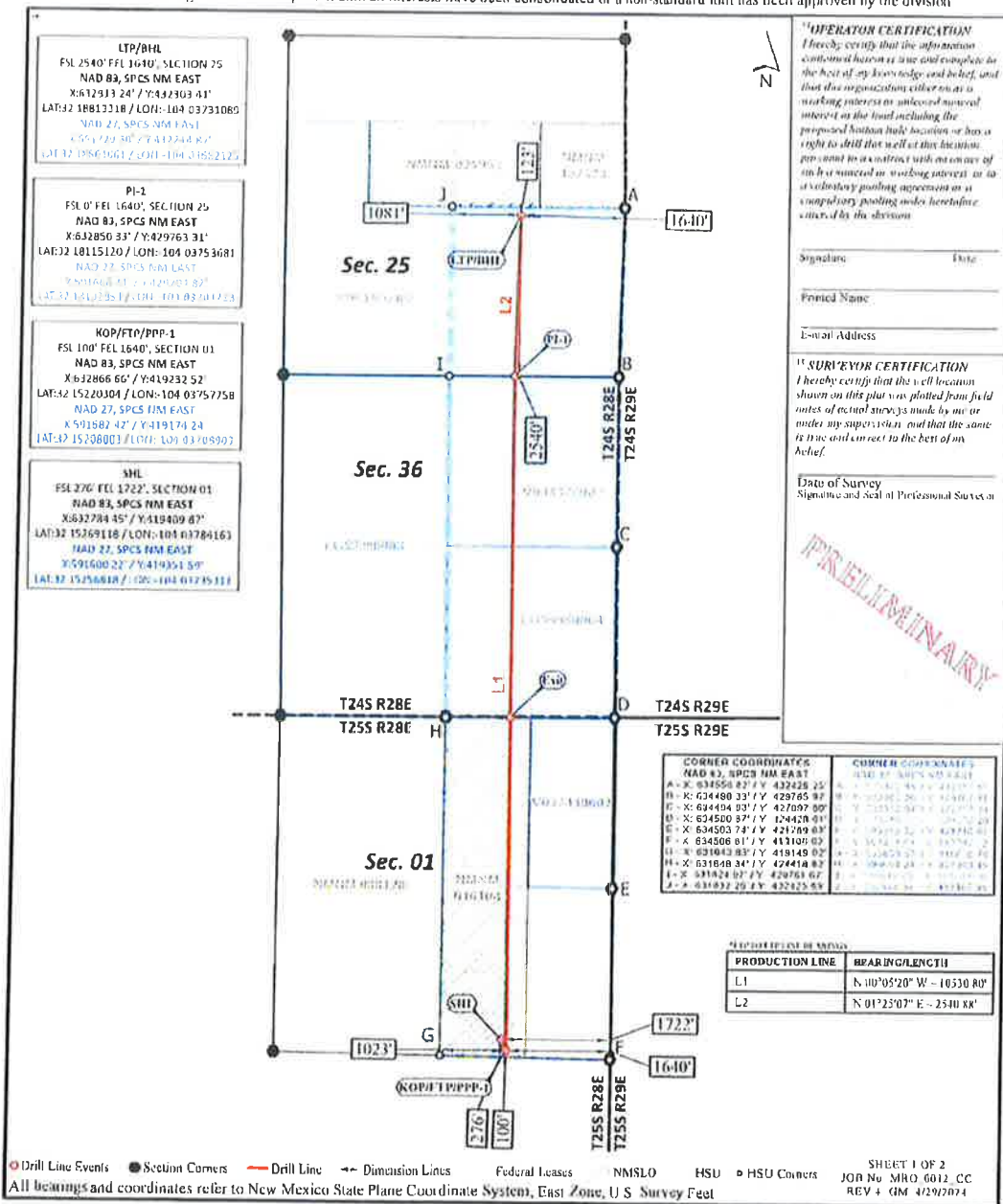
¹⁰ Surface Location

Section	Range	County	Section	Range	County	Section	Range	County
O	1	25S	276'	SOUTH	1722'	EAST	EDDY	

¹¹ Bottom Hole Location If Different From Surface

Section	Range	County	Section	Range	County	Section	Range	County
J	25	24S	281'	SOUTH	1640'	EAST	EDDY	
Tract No.	Tract No.	Tract No.	Tract No.	Tract No.	Tract No.	Tract No.	Tract No.	Tract No.
800.08								

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



The map displays a grid of sections within Townships 24S and 25S, Ranges 28E and 29E. Section numbers are provided for each grid cell. A blue line traces a path through sections 3, 2, 1, and 12. A red circle is located in section 12, with a line pointing to the text 'COBRA COBRETTI BS FEDERAL COM 301H SHL MARATHON OIL PERMIAN LLC'. Road labels 'BUMPY' and 'MEDICAL' are visible along the edges of the grid. Township and Range labels are placed vertically between the grid columns.

1" = 1 MILE

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.

FROM THE MARATHON OFFICE AT 4111 TIOWELL, CARLSBAD, NM HEAD SOUTH ON TIOWELL 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 INTO THE EXISTING LEASE ROAD AND CONTINUE EAST FOR 1.3 MILES TO A BEND IN THE ROAD. FOLLOW THE BEND TO THE RIGHT, TURN LEFT ONTO THE PROPOSED LEASE ROAD 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 CORE ITI WELL PAD LOCATION. CONTINUE ON THE PROPOSED LEASE ROAD FOR 0.22 OF A MILE ENTERING THE NORTHEAST CORNER OF THE PROPOSED WELL PAD.



SHEET 2 OF 2

PREPARED BY:
DELTA FIELD SERVICES, LLC
610 TRENTON STREET, WEST MONROE, LA 71281
318-323-3900 OFFICE
JOB No. MRO_0012_CC

District I
1425 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6720
District II
811 S. First St., Artesia, NM 88210
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District III
1000 Rio Brazos Road, Aztec, NM 87510
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

APN Number	64450	Well Name	WILLOW LAKE, BONE SPRING
Tract Code	COBRA COBRETTI BS FEDERAL COM	Well Number	302H
Section No.	MARATHON OIL PERMIAN LLC	Section	2917'

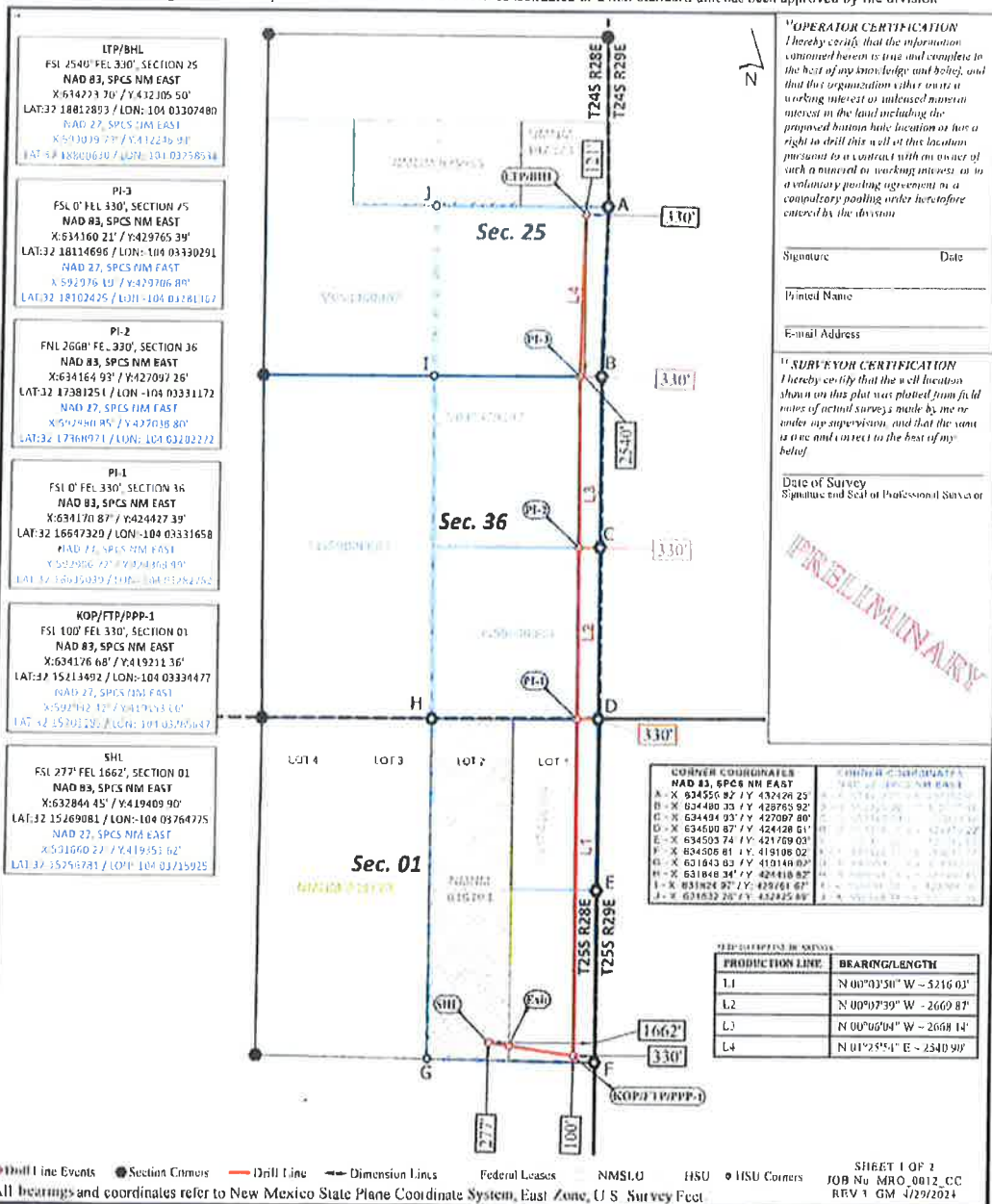
10 Surface Location

Section	25S	Range	28E	Foot from the North/South line	277'	Foot from the East/West line	1662'	County	EDDY
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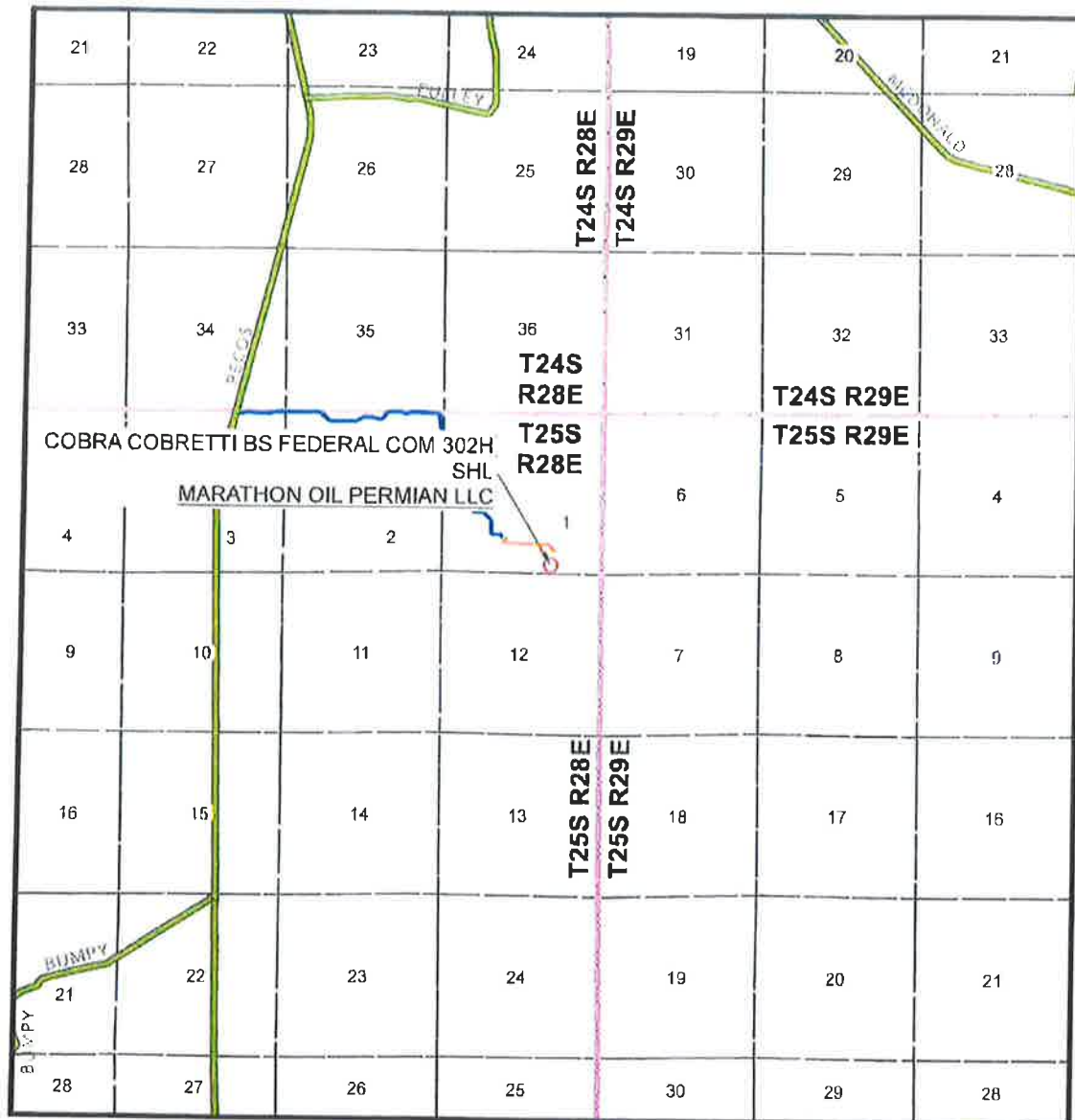
11 Bottom Hole Location If Different From Surface

Section	25	Range	28E	Foot from the North/South line	2540'	Foot from the East/West line	330'	County	EDDY
Section No.	800.08	Section No.	24S	Range	28E	Foot from the North/South line	2540'	Foot from the East/West line	330'

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



VICINITY MAP



SEC. 1 TWP. 25S RGE. 28E
 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.

1" = 1 MILE



SHEET 2 OF 2

PREPARED BY:
 DELTA FIELD SERVICES, LLC
 610 TRENTON STREET, WEST MONROE, LA 71291
 318-323-6800 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 16.6 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.

Ex.B-13

District I
1625 N. French Dr. Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
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District III
1000 Rio Hachos Road, Aztec, NM 87410
Phone: (505) 334-6179 Fax: (505) 334-6170
District IV
1210 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3162

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
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Well Number 372098	Tract No. 64450	Tract Name WILLOW LAKE, BONE SPRING
Operator Name COBRA COBRETTE BS FEDERAL.COM	Well Number 55211	
Operator Name MARATHON OIL PERMIAN LLC	Well Number 2916	

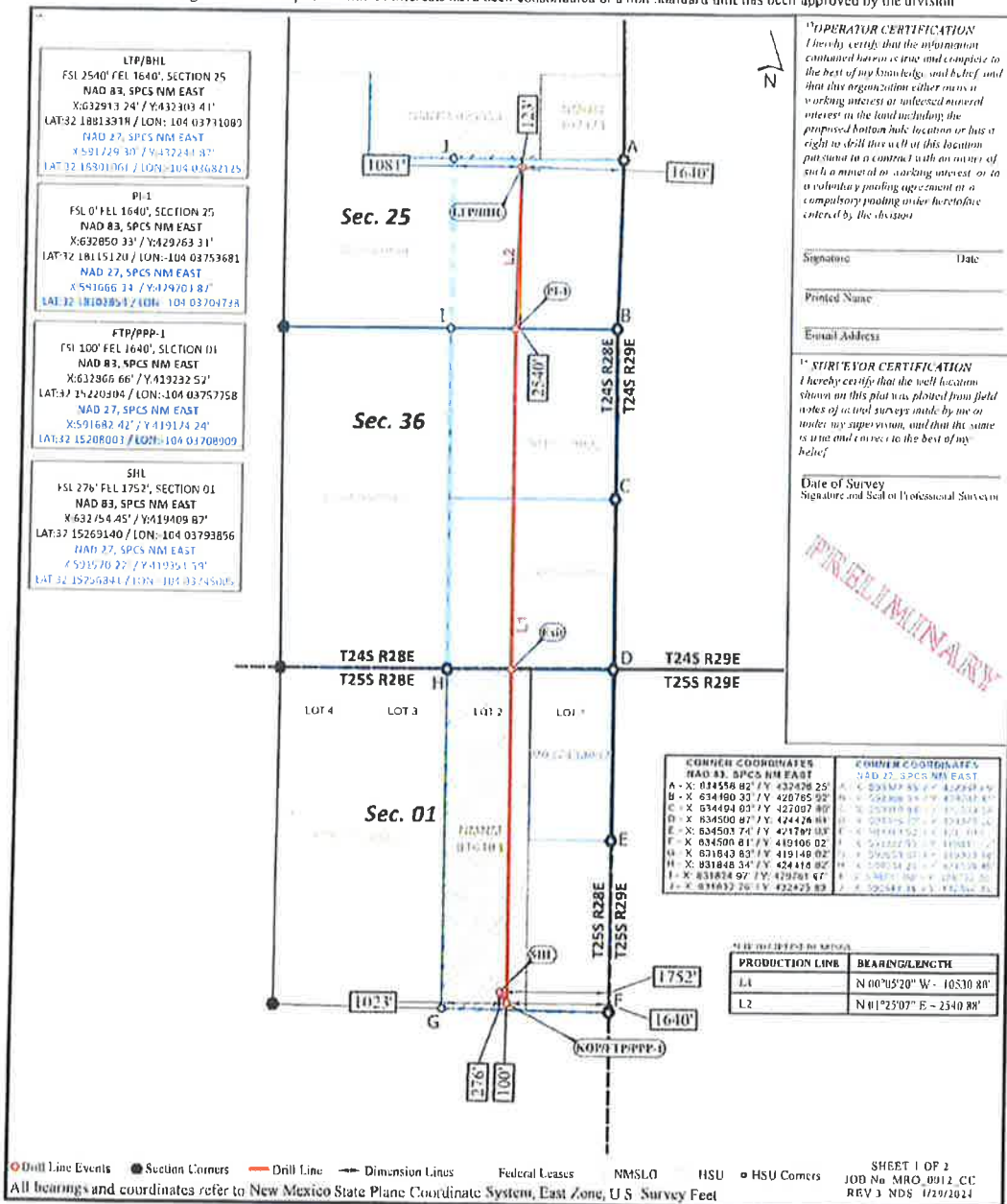
¹⁰ Surface Location

Tract No. O	Section I	Township 25S	Range 28E	Tract No. 276	Tract Name SOUTH	Tract No. 1752	Tract Name EAST	County EDDY
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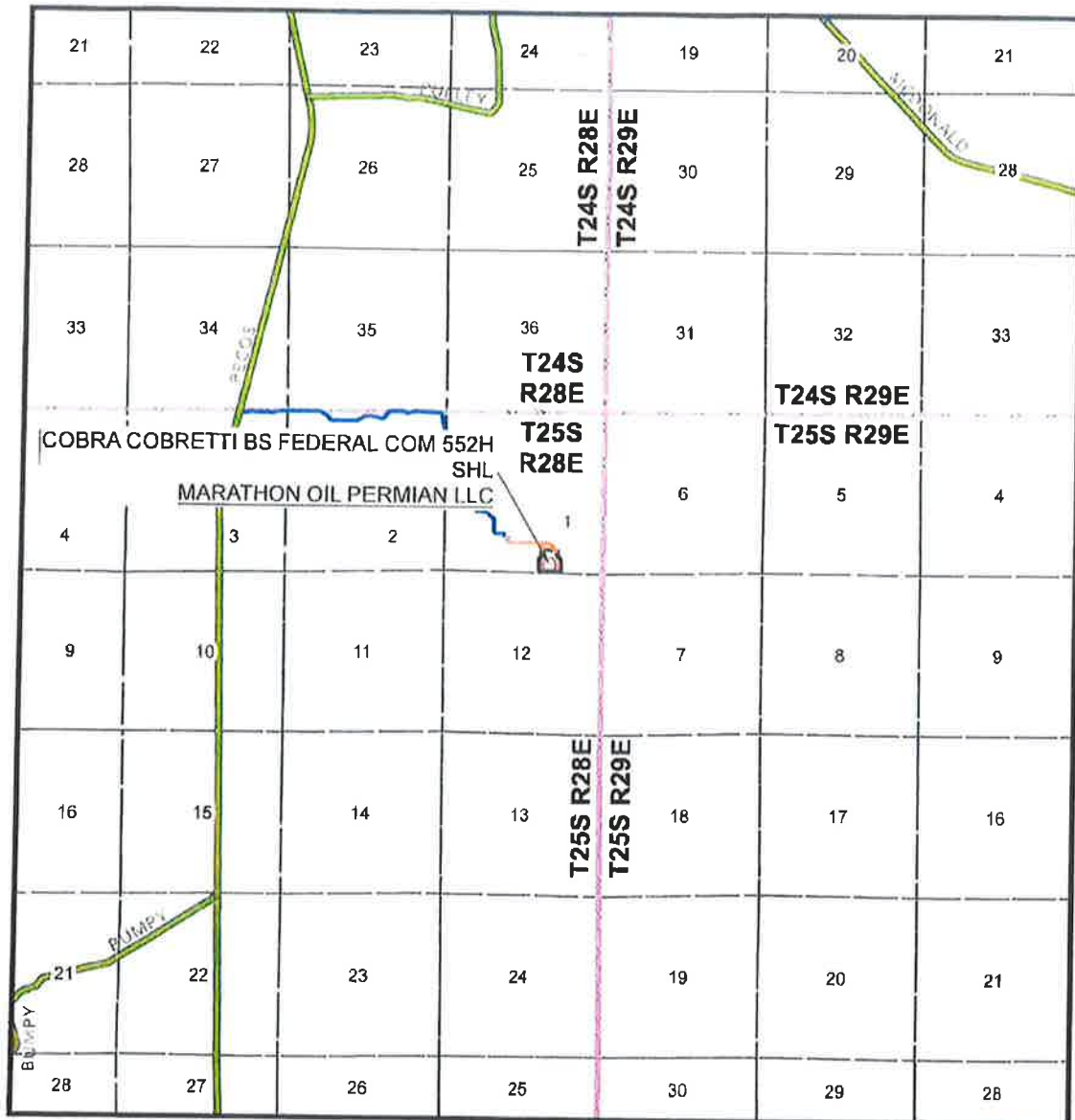
¹¹ Bottom Hole Location If Different From Surface

Tract No. J	Section 25	Township 24S	Range 28E	Tract No. 2540	Tract Name SOUTH	Tract No. 1640	Tract Name EAST	County EDDY
Well Number 800.08								

No allowance 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
 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
 318-323-8800 OFFICE
 JOB No. MRO_0012_CC

Ex.B-15

District I
1625 N. French Dr., Hobbs, NM 88240
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District II
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District IV
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
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1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 st Section	2 nd Section	3 rd Section
64450	64450	WILLOW LAKE; HONE SPRING
4 th Section	5 th Section	6 th Section
COBRA COBRETTI BS FEDERAL COM	COBRA COBRETTI BS FEDERAL COM	COBRA COBRETTI BS FEDERAL COM
7 th Section	8 th Section	9 th Section
MARATHON OIL PERMIAN L.L.C.	MARATHON OIL PERMIAN L.L.C.	MARATHON OIL PERMIAN L.L.C.
10 th Section	11 th Section	12 th Section
372098	372098	372098
13 th Section	14 th Section	15 th Section
55411	55411	55411
16 th Section	17 th Section	18 th Section
2916	2916	2916

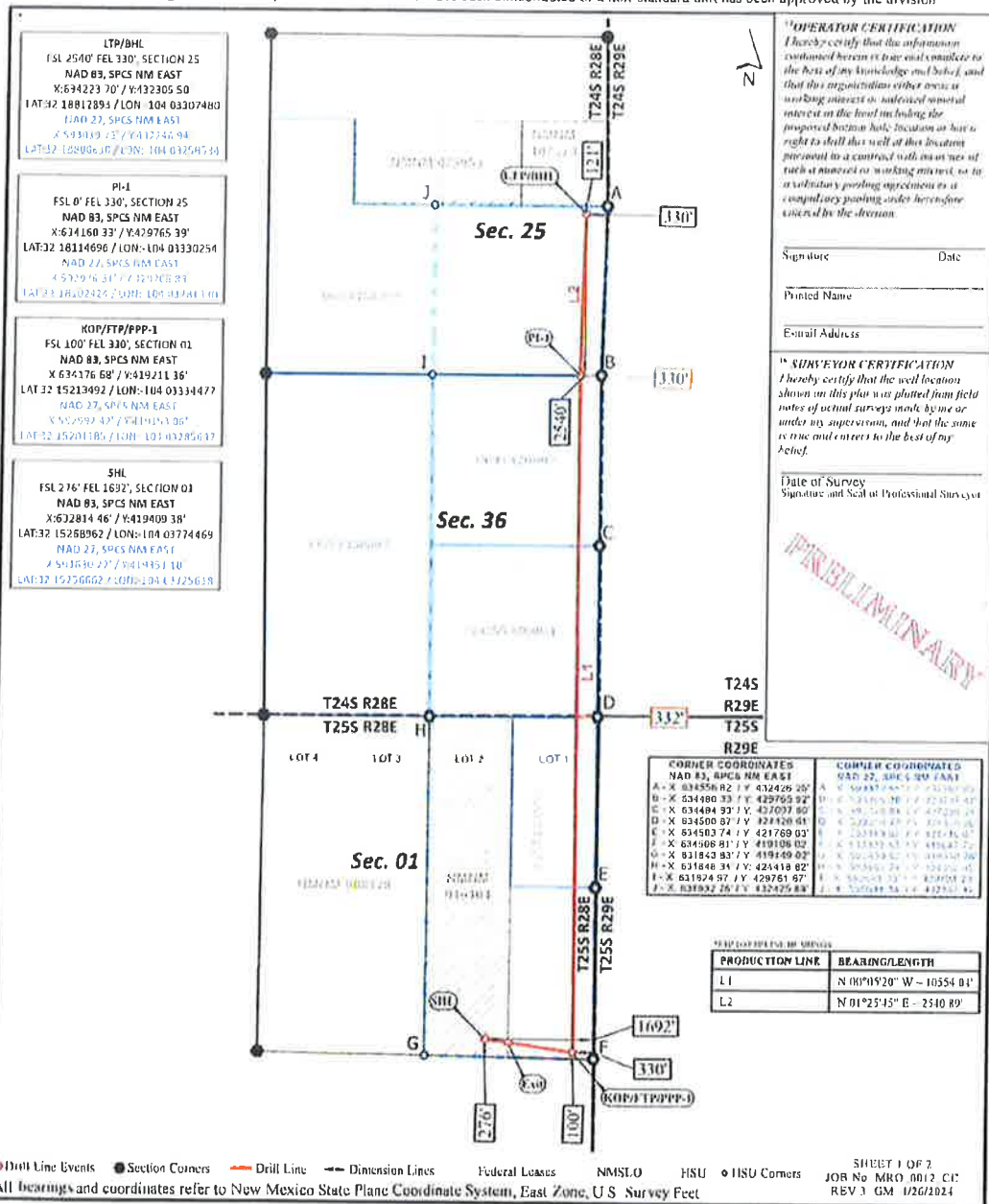
10 Surface Location

1 st Section	2 nd Section	3 rd Section	4 th Section	5 th Section	6 th Section	7 th Section	8 th Section	9 th Section	10 th Section
O	I	25S	28E	276'	SOUTH	1692'	EAST	EDDY	

11 Bottom Hole Location If Different From Surface

1 st Section	2 nd Section	3 rd Section	4 th Section	5 th Section	6 th Section	7 th Section	8 th Section	9 th Section	10 th Section
I	25	24S	28E	2540'	SOUTH	330'	EAST	EDDY	
11 th Section	12 th Section	13 th Section	14 th Section	15 th Section	16 th Section	17 th Section	18 th Section	19 th Section	20 th Section
800.08	800.08	800.08	800.08	800.08	800.08	800.08	800.08	800.08	800.08

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



[illegible]

1" = 1 MILE

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.

FROM THE MARATHON OFFICE AT 4111 TIDWELL, CARLSBAD, NM HEAD SOUTH ON TIDWELL RD TOWARD US HWY 285 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 CORRA CORRETI WELL PAD LOCATION. CONTINUE ON THE PROPOSED LEASE ROAD FOR 0.22 OF A MILE ENTERING THE NORTHEAST CORNER OF THE PROPOSED WELL PAD.



SHEET 2 OF 2

PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON STREET, WEST MONROE, LA 71291
318-323-8800 OFFICE
JOB No. MRO_0012_CC

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	E/2 of Section 36-24S-28E
	G	H	
Tr. 4	J	I	E/2 of Section 1-25S-28E
	O	P	
Tr. 5	B	A	
Tr. 6	G	H	
Tr. 7	J	I	
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				
Name	% Interest	Proposal Letter Sent	Proposal Letter Received	Follow Up
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.
OXY 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 proposals.
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 proposals. Executed JOA.
COG Production LLC	3.998435%	10/26/2023	11/7/2023	Well proposal sent on 10/26/23 and received on 11/7/23. Executed JOA.
The Allar Company	3.541346%	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 proposals. Executed JOA.
Magnum 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 ask various questions regarding the well proposals.
Occidental Permian Limited Partnership	1.203131%	10/26/2023	11/1/2023	Well proposal sent on 10/26/23 and received on 11/1/23. Reached out to discuss proposals.
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 Bettis, 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.
OXY Y-1 Company	1.000275%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23. Reached out to discuss proposals.
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 Balog, Trustee of the Balog Family Trust dated 8/15/2002	0.999900%	10/26/2023	11/3/2023	Well proposal sent on 10/26/23 and received on 11/3/23.
Riverhill 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.	0.799920%	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 proposals 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.
RealTimeZone II, LLC	0.418458%	10/26/2023	11/1/2023	Well proposal sent on 10/26/23 and received on 11/1/23.
DSD 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.
Judah 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.
Beachbums 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 Harty	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.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		69.313636%
Marathon Oil Permian LLC		55.403457%
Foran Oil Company		5.002000%
COG Production LLC		3.998435%
Performance Oil and Gas Company		2.501000%
COG Operating LLC		1.000150%
Hanley Petroleum LLC		0.356423%
COG Acreage LP		0.340389%
MEC Petroleum Corp.		0.315228%
Warwick-Artemis, LLC		0.203758%
Collins & Jones Investments, LLC		0.147675%
LHAH Properties, LLC		0.045120%
Uncommitted Working Interest Owners		30.661029%
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. Boyle & Company		1.057894%
H.M Bettis, Inc.		1.041596%
Stovall Energy, Ltd.		1.041596%
OXY Y-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		0.349965%
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**

Committed Working Interest Owners - Tract Ownership Breakdown												69.313636%
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
Marathon Oil Permian LLC	8.777085%	79.000000%	80.500000%	59.337323%	45.000000%	45.000000%	45.000000%	45.000000%	90.000000%	90.000000%	79.054508%	55.403457%
Foran Oil Company					33.333333%	33.333333%	33.333333%					5.007000%
COG Production LLC	19.994175%											3.998435%
Performance Oil and Gas Company					16.666667%	16.666667%	16.666667%					2.501000%
COG Operating LLC		5.000000%	5.000000%									1.000150%
Hanley Petroleum LLC	1.382295%											0.256423%
COG Acreage LP	1.702115%											0.340389%
MEC Petroleum Corp.	1.576309%											0.315228%
Warwick-Artemis, LLC				1.018891%								0.203758%
Collins & Jones Investments, LLC											1.476899%	0.147675%
LHAH Properties, LLC	0.225625%											0.045120%
Uncommitted Working Interest Owners - Tract Ownership Breakdown												30.686364%
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
Murchison Oil and Gas, LLC	28.451550%											5.689741%
OXY USA, Inc.	25.306000%											5.060695%
The Allar Company				17.708500%								3.541346%
Magnum Hunter Production, Inc.								50.000000%				2.499710%
Occidental Permian Limited Partnership	6.016755%											1.203111%
W.T. Boyle & Company				5.395000%								1.057894%
H.M Bettis, Inc.				5.208500%								1.041586%
Stovall Energy, Ltd.				5.208500%								1.041586%
OXY Y-1 Company									10.000000%	10.000000%		1.000275%
Peter Balog, Trustee of the Balog Family Trust dated 8/15/2002		2.500000%	2.500000%	2.500000%								0.999000%
Riverhill Energy Corporation					5.000000%	5.000000%	5.000000%	5.000000%				0.999000%
Bearing Service & Supply Company, Inc.		4.000000%	4.000000%									0.799320%
CD Ray Exploration, LLC	0.612180%										4.798213%	0.602197%
Levi Oil & Gas, LLC	2.557500%											0.511440%
RealTimeZone II, LLC	2.092500%											0.418458%
DSD Energy Resources, LLC											3.750000%	0.274063%
Covey Energy Partners, LP											3.750000%	0.274063%

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 Delleney	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%
Judah Oil, LLC	0.069993%
Stillwater Investments	0.037597%
M Code LLC	0.033331%
Beachbums Energy, LLC	0.033331%
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	
	0.025334%
The Trustee of the Richard and Alice Farrell Living Trust dated June 2, 1997, restated November 2, 2005	0.008078%
Patricia L. Spurlin a/k/a Patricia Harty	0.004972%
Alice Ann Farrell	0.003418%
Richard Gene Farrell, Jr.	0.003418%
Sitio Permian, LLC	0.002486%
Llano Natural Resources, LLC	0.001243%
Dorchester Minerals, L.P.	0.001243%
Jim Farrell	0.000209%
Vance Farrell	0.000207%
James Oscar Owen	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**

To be Pooled (Yes/No)		To be Pooled - ORRI Owners To be Pooled (Yes/No)		To be Pooled (Yes/No)	
1979 Royalties, LP	Yes	Jeb Corey Honeyman	Yes	Pegasus Resources NM, LLC	Yes
BSD Interests, LLC	Yes	Jennifer Ann Scott	Yes	Performance Oil and Gas Company	Yes
Alan Jochimsen	Yes	Jim Whitehead Oil & Gas LLC	Yes	Permian Basin Investment Corporation	Yes
Angelo Holdings, LLC	Yes	Jon Esslinger and Louis J. Esslinger	Yes	Ramon Hilburn	Yes
Ashley Dean Crow	Yes	Jordan Waltermann	Yes	RCB Investments	Yes
Bane Bigbie	Yes	JTD Resources	Yes	RealTimeZone, Inc.	Yes
Billy R. Medlin	Yes	Kenneth D. Trumpfhellar	Yes	Rewind21, LLC	Yes
Brent Jeremy Honeyman	Yes	L.T. Capital, LLC	Yes	Rio Brazos Mineral Company, LLC	Yes
Carbon Jack, LLC	Yes	LaNell Joy Honeyman, as Trustee of the Leslie Robert Honeyman Trust	Yes	Robert L. Thornton	Yes
Carl A. Morgan and wife, Gwenetta B. Morgan	Yes	Laurence A. Smith and Rhonda Q. Smith, Trustees of the Laurence A. Smith and Rhonda Q. Smith Family Trust dated 1/6/1988	Yes	Robin L. Morgan, Personal Representative of the Estate of Frank S. Morgan, deceased, and Robin L. Morgan	Yes
Catalyst Energy, LLC	Yes	Levi Oil & Gas, LLC	Yes	Rockwell Energy Resources, LLC	Yes
CD Ray Exploration, LLC	Yes	Liano Natural Resources, LLC	Yes	Rockwood Resources LLC	Yes
Centennial	Yes	Long, LLC	Yes	ROEC, Inc.	Yes
Charles J. Kinsolving	Yes	Louis J. Hoffman	Yes	Roger Bellah	Yes
Chisos Minerals, LLC	Yes	Lynn Medlin	Yes	Ronadero Company, Inc.	Yes
Community Minerals, LLC	Yes	Magic Merlin Energy Investments LLC	Yes	Sam L. Shackelford	Yes
David Wingo	Yes	Mark B. Murphy, as Trustee of the Mark B. Murphy Irrevocable Trust UTA dated 12/11/2012	Yes	Scott Investment Corporation	Yes
Don Fedric	Yes	Mark L. Shidler and wife, Miltz Shidler	Yes	Siete Oil & Gas Corporation	Yes
Donald E. Wenner and wife, Laurie Wenner	Yes	Marvin C. Gross	Yes	SM Energy Company	Yes
Dragoon Creek Minerals, LLC	Yes	McCulliss Oil & Gas, Inc.	Yes	SMP Patriot Mineral Holdings, LLC	Yes
Dutch-Irish Oil, Inc.	Yes	McCulliss Resources Co., Inc.	Yes	Southwest Petroleum Land Services, LLC	Yes
E&S, LLC	Yes	Michael James Ikard	Yes	States Royalty Limited Partnership	Yes
Elouise Justice	Yes	Mitchell Exploration, Inc.	Yes	Stillwater Investments	Yes
Energy Properties Limited, LP	Yes	MKHM Oil, LLC	Yes	Strata Production Company	Yes
Erik I. Knudson	Yes	Monty D. McLane	Yes	Susan S. Murphy, as Trustee of the Susan S. Murphy Marital Trust UTA dated 11/15/2012	Yes
Estate of Donald R. Curry, John S. Curry, Executor	Yes	Moorhead Cattle Company	Yes	Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts	Yes
Foran Oil Company	Yes	Murphy Petroleum Corporation	Yes	Tarpon Industries Corporation	Yes
Fortyniner Ridge, Inc.	Yes	Nancy Moorhead	Yes	Teryn Daley Gonzalez	Yes
Fortyniner Ridge, LLC	Yes	Newkumet Exploration, Inc.	Yes	The Tapeats Trust	Yes
Gene Shumate	Yes	NM&T Resources, LLC	Yes	Thomas K. Campbell	Yes
GHHunker, LLC	Yes	North Fork Land Management, LP	Yes	Timothy Z. Jennings	Yes
Glen Blakeney	Yes	Norton LLC	Yes	Ward N. Adkins, Jr.	Yes
Helen D. Alpers Living Trust	Yes	Oak Valley Mineral & Land, LP	Yes	West Bend Energy Partners III, LLC	Yes
Hutchings Oil Company	Yes	OXY Y-1 Company	Yes	William N. Heiss and Susan E. Heiss, Co-Trustees of the William N. Heiss Profit Sharing Plan	Yes
I-43 Associates, Inc.	Yes	Paisano Partners	Yes	Wing Resources V, LLC	Yes
Innerarity Family Minerals, LLC	Yes	Patricia Blakeney	Yes	Worrall Investment Corporation	Yes
Innoventions, Inc.	Yes	Patrick J. Morello and Alice M. Morello	Yes	Zeus Petroleum, Inc.	Yes
James K. Lusk and Martha L. Lusk, Trustees of the James K. Lusk and Martha L. Lusk Trust UTA dated 4/29/1992	Yes	Paula Campbell	Yes	Zunis Energy, LLC	Yes

Exhibit "B.3" 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%									0.349965%
Hammersmith Realty, Inc.		1.500000%	1.500000%									0.299910%
Permian Basin Investment Corporation		1.500000%	1.500000%									0.299910%
Marks Oil, Inc.				1.416712%								0.283314%
RSC Resources, LP											2.126740%	0.212653%
Guinn Family Properties, Ltd.				1.040500%								0.208079%
Engwall Living Trust		1.000000%	1.000000%									0.199980%
Slash Exploration Limited Partnership		1.000000%	1.000000%									0.199980%
A. Wayne Davenport and wife, Karen Davenport		1.000000%	1.000000%									0.199980%
Candice and Dean Delleney		1.000000%	1.000000%									0.199980%
Crump Family Limited Partnership, Ltd.											1.657535%	0.165737%
I-43 Associates, Inc.											1.181519%	0.118140%
Tres Perros, Inc.				0.520850%								0.104160%
Essayons Properties, LLC											0.937500%	0.093741%
Cellar Investments, LLC											0.937500%	0.093741%
Bid Group, LLC				0.816809%								0.081328%
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	0.188005%											0.017597%
M Code LLC				0.166672%								0.013331%
Beachbums Energy, LLC				0.166672%								0.013331%
David W. Cromwell	0.120365%											0.024071%
H6 Holdings, LLC	0.112765%											0.022551%
Jarvis J. Slade and wife, Pamela Ferrari Slade	0.112765%											0.022551%
TBO Oil & Gas, LLC	0.092519%										0.076216%	0.012123%
The Trustee of the Richard and Alice Farrell Living Trust dated June 2, 1997, restated November 2, 2005											0.080790%	0.008078%
Patricia L. Spurlin a/k/a Patricia Harty											0.049720%	0.004972%
Alice Ann Farrell											0.034180%	0.003418%
Richard Gene Farrell, Jr.											0.034180%	0.003418%
Sitio Permian, LLC											0.024860%	0.002486%
Llano Natural Resources, LLC											0.012430%	0.001243%
Dorchester Minerals, L.P.											0.012430%	0.001243%
Jim Farrell											0.002090%	0.000209%
Vance Farrell											0.002090%	0.000209%
James Oscar Owen											0.000620%	0.000062%

Exhibit "B.5" 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				
Covey Energy Partners, LP	0.374963%	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.
Hanley Petroleum LLC	0.356423%	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	0.349965%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23.
COG Acreage LP	0.340389%	10/26/2023	10/31/2023	Well proposal sent on 10/26/23 and received on 10/31/23. Executed JOA.
Hammersmith Realty, Inc.	0.299970%	10/26/2023		Well proposal sent 10/26/23, unable to be delivered.
Permian Basin Investment Corporation	0.299970%	11/20/2023	11/22/2023	Well proposal sent on 10/26/23, went undelivered, resent 11/20/23 and received on 11/22/23. Provided elections into the wells.
Marks Oil, Inc.	0.283314%	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.
Guinn Family Properties, Ltd.	0.208079%	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.
Warwick-Artemis, LLC	0.203758%	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.
Engwall Living Trust	0.199980%	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.
Slash Exploration Limited Partnership	0.199980%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23.
A. Wayne Davenport and wife, Karen Davenport	0.199980%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23.
Candice and Dean Delleney	0.199980%	10/26/2023	10/31/2023	Well proposal sent on 10/26/23 and received on 10/31/23.
Crump Family Limited Partnership, Ltd.	0.165737%	10/26/2023	10/31/2023	Well proposal sent on 10/26/23 and received on 10/31/23.
Collins & Jones Investments, LLC	0.147675%	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 and executed the JOA.
I-43 Associates, Inc.	0.118140%	10/26/2023	10/30/2023	Well proposal sent on 10/26/23 and received on 10/30/23.
Tres Perros, Inc.	0.104160%	10/26/2023	11/6/2023	Well proposal sent on 10/26/23 and received on 11/6/23. Provided elections into the wells.
Essayons Properties, LLC	0.093741%	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.
Cellar Investments, LLC	0.093741%	10/26/2023	11/10/2023	Well proposal sent on 10/26/23 and received on 11/10/23. Provided elections into the wells.
Bid Group, LLC	0.083328%	10/26/2023	11/4/2023	Well proposal sent on 10/26/23 and received on 11/4/23. Provided elections into the wells.
Continued on the next page				

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 (AFE's)

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: _____

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

DATE 10/1/2021
DRILLING & LOCATION PREPARED BY COURT MILLON
COMPLETION PREPARED BY KRISTEN DRAIN
FACILITIES PREPARED BY HARSHA DISSANAYAKE
ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZE

Asset Team _____
Field _____
Well Name _____
Location _____
Prospect _____

PERMIAN
Eddy Co. FORTAATION, BS
Cobra Corral 05 Federal Com 101H
31/4 Sec. 25 & E/2 Sec. 36, 245-286,
E/2 Sec. 1, 255-286
Malaga

WILDCAT _____
DEVELOPMENT _____
X EXPLOITATION _____
WORKOVER _____

Est Total Depth 20,240' Est Drilling Days 25.591 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	25,307
7012050	Intermediate Casing 1	107,977
7012050	Intermediate Casing 2	-
7012050	Production Casing	519,983
7011050	Drill liner Hanger, Tieback Eq & Csg Accessories	51,921
7012550	Drilling Wellhead Equipment	49,845
7013040	Casing & Tubing Access	116,227
7130001	Miscellaneous MRO Materials	10,184
	TOTAL DRILLING - TANGIBLE	\$951,580

DRILLING COST - INTANGIBLE

7290002	Drilling Rig Mobil/through	136,936
7290002	Drilling Rig - day work/footage	839,051
7019040	Directional Drilling Services	278,714
7019020	Cement and Cementing Service-Surface	31,158
7019020	Cement and Cementing Service-Intermediate 1	51,921
7019020	Cement and Cementing Service-Intermediate 2	-
7019020	Cement and Cementing Service-Production	111,119
7019140	Mud Fluids & Services	110,710
7012310	Solids Control equipment	35,515
7012020	Bits	249,723
7018010	Casing Crew and Services	88,074
7016950	Fuel (Hdg)	110,033
7017140	Fuel (Mud)	62,306
7001460	Water (non-potable)	51,921
7012950	Water (potable)	10,184
7019500	Well Logging Services	-
7019152	Mud Logging/Geosteering	23,209
7019159	Shut-downs, Hole Openers, Underreamers (Oil rentals)	72,690
7018110	Casing Inspection/Cleaning	31,153
7018110	Drill pipe/collar inspection services	20,269
7016180	Freight - truck	51,921
7001460	Water hauling and disposal (includes soil farming)	126,612
7001160	Contract Services - Disposal/Non-Hazardous Waste	166,149
7001440	Vacuum Trucks	20,769
7000380	Contract Labor - general	62,306
7000010	Contract Labor - Operations	6,231
7001200	Contract Services - Facilities	20,269
7019300	Well Services - Well Control Services	40,442
7019350	Well Services - Well/Wellhead Services	20,269
7290001	Rental Tools and Equipment (surface rentals)	20,276
7260001	Rig Equipment and Attr.	167,810
7001120	Telecommunications Services	10,184
7001120	Consulting Services	126,101
7001400	Safety and Environmental	18,714
7310002	Rental Buildings (trailers)	20,976
7019310	Coring (sidewalls & analysis)	-
7011010	3% 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	-
7011040	Tubing Accessories (nipples, wireline entry)	-
7012550	Wellhead Equip	15,000
7012560	Partners - Completion Equipment	-
	TOTAL COMPLETION - TANGIBLE	\$15,000

COMPLETION - INTANGIBLE

7001120	Location and Access (drill location after rig move, set anchors)	11,780
7290002	Drilling Rig During Completion	-
7019140	Mud Fluids & Services	-
7019010	Coiled Tubing Services (3 runs)	183,658
7019240	Snubbing Services	-

7019170	Pulling/Swab Units	-
7018180	Fuel (from dli)	-
7019010	Coring Crew and Services	-
7019010	Cement and Cementing Services	-
7019240	Well Testing Services (flow band & wipil)	346,252
7192002	Fracturing Services	4,810,732
7019210	Perforating	218,501
7019160	Wireline Services	-
7001460	Water Hauling & Disposal (fract fluids)	-
7016160	Freight - Truck (haul pipes, dli & comp)	259,497
7200001	BOF Rental & Testing	-
7290001	Rental Tools and Equipment (incl dli; lightplant, hydraulics)	-
7290003	CT Downhole Rental Equipment (ie. B-3, B-1A)	54,322
7290003	Contract Labor - general	-
7000010	Telecommunications Services	41,286
7001110	Safety and Environmental	-
7001400	Consulting Services	109,827
7001120	Slipper Manifold	160,442
7019100	Frack Stack Rentals	142,072
7016180	Freight (Transportation Services)	8,021
7260001	Equipment Rental (w/o operator, gas tanks, lightplants)	212,564
7330002	Rental Drilling (traders)	-
7000030	Contract Labor - Pumping (pump-down pumps)	41,706
7011010	0% Contingency & Taxes	-

TOTAL COMPLETION - INTANGIBLE \$6,605,051

TOTAL COMPLETION COST \$6,620,053

SURFACE EQUIPMENT - TANGIBLE

7012350	Misc. Piping, Fittings & Valves	159,015
7005640	Company Labor & Borehole	-
7000030	Contract Labor - General	172,698
7001110	Telecommunications equip (telemetry)	-
7012410	Line Pipe & Accessories	46,035
7012270	Miscellaneous Materials (containment system)	47,052
7008060	SCADA	15,120
7016180	Freight - truck	15,859
7001180	Contract Engineering	9,824
7012290	Material and Instrumentation	250,097
7012290	ISE Materials	157,845
7012100	Gas Treating	-
7012100	Dehydration	-
7012100	Compressor	10,101
7012350	Power	-
7012618	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	255,150
7012500	Tanks	44,912
7012100	Heater Treater	139,741
7012640	Flare & Accessories	19,342
7000010	Electrical Labor	82,218
7000010	Mechanical Labor	189,608
7012480	Rod Pumping Unit & Pad	-
7012180	Pumping Unit Engine	-
7012110	Electrical Power (electrical cooperative construction costs)	15,112

TOTAL SURFACE EQUIPMENT - TANGIBLE \$1,675,000

TOTAL SURFACE EQUIPMENT COST \$ 1,675,000

ARTIFICIAL LIFT

7000010	Contract Labor	1,000
7001120	Consultant	7,400
7008230	Time Wasting/Overhead	1,000
7012160	Artificial Lift Equipment	152,200
7012350	Materials & Supplies	1,400
7012550	Production Tree	2,000
7012180	Tubing	69,000
7016190	Freight	3,000
7018150	Rentals	3,600
7019110	Kill Fluid	1,292
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 10/19/2022

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
Location SE/4 Sec. 25 & E/2 Sec. 36, 24S-28E
Prospect 1/2 Sec. 1, 25S-28E
X EXPLOITATION
WILDCAT
DEVELOPMENT
EXPLORATION
RECOMPLETION
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	134,000
		0
	TOTAL LOCATION COST - INTANGIBLE	\$345,000

DRILLING COST - TANGIBLE

7001270	Conductor Pipe	51,921
7012050	Surface Casing	35,107
7012050	Intermediate Casing 1	107,697
7012050	Intermediate Casing 2	-
7012050	Production Casing	539,987
7012530	Drill Unit/Rigging, Trucking & B. Log Accessories	51,921
7012040	Drilling Wellhead Equipment	40,846
7012040	Casing & Tubing Access	314,227
7290009	Miscellaneous MRO Materials	10,384
		-
	TOTAL DRILLING - TANGIBLE	\$961,596

DRILLING COST - INTANGIBLE

7290002	Drilling Rig Make/Demolish	114,936
7290002	Drilling Rig - day work/footage	839,051
7019049	Directional Drilling Services	228,714
7019020	Cement and Cementing Service Surface	31,151
7019020	Cement and Cementing Service Intermediate 1	51,921
7019020	Cement and Cementing Service Intermediate 2	-
7019020	Cement and Cementing Service Production	311,529
7012140	Mud Fluids & Services	180,219
7012110	Solids Control Equipment	75,515
7012020	Bits	249,228
7019010	Casing Crew and Services	83,074
7016350	Fuel (Dry)	180,059
7019140	Fuel (Wet)	82,106
7001460	Water (non potable)	51,921
7012350	Water (potable)	10,384
7019000	Well Logging Services	-
7019150	Mud Logging/Geosteering	23,209
7019210	Stabilizers, Hole Openers, Underreamers (OH rentals)	22,450
7019110	Casing Inspection/Cleaning	31,151
7019110	Drill pipe/collar inspection services	20,769
7016180	Freight - truck	51,921
7001460	Water hauling and disposal (includes soil farming)	124,312
7001160	Contract Services - Disposal/Non-Hazardous Waste	166,148
7001460	Vacuum Trucks	20,769
7000030	Contract Labor - general	62,166
7000020	Contract Labor - Operations	6,231
7001200	Contract Services - Facilities	20,769
7019100	Well Services - Well Control Services	40,447
7019350	Well Services - Well/Wellhead Services	20,769
7290003	Rental Tools and Equipment (surface rentals)	10,976
7260001	Rig Equipment and Misc.	107,310
7001110	Telecommunications Services	10,284
7001110	Consulting Services	176,201
7001490	Safety and Environmental	58,734
7290001	Rental Buildings (trailers)	20,976
7013310	Coring (sidewalls & analysis)	-
7011010	SN Contingency & Taxes	361,491
	TOTAL DRILLING - INTANGIBLE	\$2,918,411

TOTAL DRILLING COST

\$4,880,000

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7013040	Tubing Accessories (nipples, subsurface 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 (1 runs)	183,859
7019240	Snubbing Services	-

7019270	Pulling/Swab Lines	-
7016350	Fuel (from dig)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hard & equip)	346,257
7390001	Fracturing Services	4,810,232
7019330	Perforating	318,501
7019260	Wireline Services	-
7001460	Water Hauling & Disposal (flex floats)	-
7016180	Freight - truck (haul piping, dig & comp)	255,637
7230003	BDP Rental & Testing	-
7390003	Rental Tools and Equipment (incl dig, lightplant, hydro wash)	-
7390003	CT Downhole Rental Equipment (ie. BH, BHG)	54,323
7310003	Contract Labor - general	-
7000030	Telecommunications Services	41,788
7001110	Safety and Environmental	-
7001400	Consulting Services	109,997
7001120	Zipper Manifold	160,442
7019200	Frack Stack Rentals	142,072
7018180	Freight (transportation services)	8,024
7260001	Equipment Rental (w/o operator, frac tanks, lightplants)	312,544
7310002	Rental Buildings (trailers)	-
7000030	Contract Labor - Pumping (pump down pumps)	41,788
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
7000240	Company Labor & Burden	-
7000030	Contract Labor - General	172,698
7001110	Telecommunication equip (telemetry)	-
7012430	Line Pipe & Accessories	46,035
7012270	Miscellaneous Materials (containment system)	47,952
7004040	SCADA	35,170
7016180	Freight - truck	35,859
7001199	Contract Engineering	9,824
7012293	Metering and Instrumentation	269,997
7012300	IS&E Materials	157,845
7012200	Gas Treating	-
7013010	Dehydration	-
7012350	Compressor	18,262
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	255,150
7013500	Tanks	40,912
7012100	Heater Treater	192,741
7012640	Flare & Accessories	19,282
7000010	Electrical Labor	87,218
7000010	Mechanical Labor	188,608
7012488	Rod Pumping unit & Pad	-
7012160	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	35,293
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
7008210	Time Working/Overhead	3,000
7012180	Artificial Lift Equipment	157,200
7012850	Materials & Supplies	3,200
7012550	Production Tree	3,000
7012380	Tubing	83,000
7016190	Freight	3,000
7018150	Rentals	9,400
7019130	Kill Fluid	2,200
7019220	Well Services & Alg	18,400
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 COMPLECTIONS COST	\$ 6,620,053
TOTAL SURFACE EQUIPMENT COST	\$ 1,675,000
TOTAL ARTIFICIAL LIFT COST	\$ 255,000

GRAND TOTAL COST \$13,715,053

ASARATHION OIL PERMAN 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 DSSANAYAKE
ARTIFICIAL LIFT PREPARED BY CLAYTON DIETZ

Asset Team PERMAN
Field Eddy Co. FORMATION: BS
Well Name Colona Cobalt BS Federal Cmn 552H
Location SE/4 Sec. 25 & E/2 Sec. 36, 24N-28E
Prospect E/2 Sec. 1, 25S-28E
Ma'aga

WILDCAT
DEVELOPMENT
X EXPLOITATION
EXPLORATION
RECOMPLETION
WORKOVER

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

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	271,000
7001250	Land/Broker Fees and Services	114,000
		0
	TOTAL LOCATION COST - INTANGIBLE	\$185,000

DRILLING COST - TANGIBLE

7001270	Conductor Pipe	51,921
7012050	Surface Casing	85,307
7012050	Intermediate Casing 1	107,997
7012050	Intermediate Casing 2	-
7012050	Production Casing	\$29,983
7012550	Drill liner Hangers, Fittings & Casing Accessories	51,921
7012040	Drilling Wellhead Equipment	49,845
7012040	Casing & Tubing Access	114,227
7012000	Miscellaneous MWD Materials	10,764
	TOTAL DRILLING - TANGIBLE	\$961,586

DRILLING COST - INTANGIBLE

7190001	Drilling Rig Mob/Demob	134,936
7190002	Drilling Rig - day work/footage	819,051
7012000	Directional Drilling Services	278,714
7012020	Cement and Cementing Service Surface	21,193
7012020	Cement and Cementing Service Intermediate 1	51,921
7012020	Cement and Cementing Service Intermediate 2	-
7012020	Cement and Cementing Service Production	111,529
7012140	Mud Fluids & Services	110,219
7012130	Solids Control Equipment	75,515
7012020	Bits	249,221
7012010	Casing Crew and Services	89,074
7012150	Fuel (Rig)	110,093
7012140	Fuel (Mud)	62,106
7001460	Water (non potable)	51,921
7012350	Water (potable)	10,384
7012000	Well Logging Services	-
7012150	Mud Logging/Logging	23,259
7012350	Stabilizers, Hole Openers, Underreamers (DIT rentals)	72,690
7012110	Casing Inspection/cleaning	31,151
7012110	Drill pipe/collar inspection services	20,769
7012180	Freight - truck	51,921
7001460	Water hauling and disposal (includes soil farming)	124,612
7001160	Contract Services - Disposal/Non-Hazardous Waste	166,149
7001460	Vacuum Trucks	20,769
7000030	Contract Labor - general	82,305
7000010	Contract Labor - Operations	6,231
7001200	Contract Services - Facilities	20,769
7012000	Well Services - Well Control Services	40,447
7012350	Well Services - Well/Wellhead Services	20,769
7012000	Rental Tools and Equipment (surface rentals)	20,976
7012000	Rig Equipment and Misc.	167,810
7012110	Telecommunications Services	10,384
7012000	Consulting Services	176,201
7012000	Safety and Environmental	58,734
7012310	Rental Buildings (trailers)	20,976
7012110	Coring (lithologic & analysis)	-
	4% Contingency & Taxes	101,481
	TOTAL DRILLING - INTANGIBLE	\$3,918,418

TOTAL DRILLING COST

\$4,880,000

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012080	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
7190002	Drilling Rig During Completion	-
7012140	Mud Fluids & Services	-
7012030	Cased Tubing Services (1 run)	189,839
7012120	Snubbing Services	-

7010270	Pulling/Swab Units	-
7016350	Fuel (from drlg)	-
7010010	Coring Crew and Services	-
7010000	Cement and Cementing Services	-
7010080	Well Testing Services (flow test & equip)	146,251
7100001	Fracturing Services	8,010,131
7012230	Perforating	219,503
7019360	Wireline Services	-
7001460	Water Hauling & Disposal (frat fluids)	-
7016180	Freight - Truck (haul pipe, dig & equip)	259,637
7200003	SDP Rental & Testing	-
7200003	Rental Tools and Equipment (incl drlg, lightplant, hydro mch)	-
7200003	CT Downhole Rental Equipment (ie. B.S. BHA)	54,972
7190003	Contract Labor - general	-
7000030	Telecommunications Services	41,785
7001110	Safety and Environmental	-
7001400	Consulting Services	109,192
7001120	Zipper Manifold	164,442
7019100	Truck Stack Rentals	142,072
7016180	Freight (Transportation Services)	8,024
7200001	Equipment Rental (w/o operator, frat tanks, lightplants)	212,544
7300002	Rental Buildings (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
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	122,698
7001110	Telecommunications Equip. (telemetry)	-
7012410	Line Pipe & Accessories	46,035
7012270	Miscellaneous Materials (containment system)	42,912
7008060	SCADA	35,170
7016180	Freight - Truck	15,459
7001190	Contract Engineering	9,624
7012290	Melting and Instrumentation	169,097
7012290	ISE Materials	157,845
7012300	Gas Treating	-
7012300	Dehydration	-
7012010	Compressor	10,761
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012480	Separator & other pressure vessels	255,350
7012500	Tanks	40,911
7012100	Heater Treater	132,741
7012640	Flare & Accessories	19,242
7000030	Electrical Labor	87,218
7000010	Mechanical Labor	100,608
7012480	Red Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	35,132
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$1,825,000

TOTAL SURFACE EQUIPMENT COST

\$ 1,675,000

ARTIFICIAL LIFT

7000030	Contract Labor	3,000
7001120	Consultant	2,400
7004230	Time Wasting/Overhead	3,000
7012380	Artificial Lift Equipment	117,200
7012350	Materials & Supplies	1,100
7012550	Production Tree	3,000
7012560	Tubing	63,000
7016190	Freight	3,000
7018150	Rentals	3,600
7019110	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 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 10/3/2023

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

Asset Team	PERMIAN			
Field	Eddy Co. FORMATION: SS		WILDCAT	EXPLORATION
Well Name	Cobra Cobwell SS Federal Com 533H		DEVELOPMENT	RECOMPLETION
Location	SE/4 Sec. 25 & E/2 Sec. 30, 24S-28E,			
Prospect	E/2 Sec. 1, 25S-28E	X	EXPLOITATION	WORKOVER
	Malaga			
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	173,000
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
7012010	Intermediate Casing 1	107,997
7012010	Intermediate Casing 2	-
7012050	Production Casing	519,981
7012050	Drift Under Hangers, Tieback Eq & Csg Accessories	52,921
7012350	Drilling Wellhead Equipment	49,845
7012050	Casing & Tubing Access	114,227
7290001	Miscellaneous MRO Materials	10,184
		-
	TOTAL DRILLING - TANGIBLE	\$961,586

DRILLING COST - INTANGIBLE

7290002	Drilling Rig Mobil/Chembs	184,956
7290002	Drilling Rig - day work/footage	839,051
7019040	Directional Drilling Services	270,714
7019020	Cement and Cementing Service Surface	33,153
7019020	Cement and Cementing Service Intermediate 1	55,981
7019020	Cement and Cementing Service Intermediate 2	-
7019020	Cement and Cementing Service Production	811,570
7019140	Mud Fluids & Services	110,219
7012310	Solids Control equipment	75,515
7012020	Shc	249,223
7019010	Casing Crew and Services	91,074
7016450	Fuel (Oil)	110,018
7019140	Fuel (Mud)	47,106
7001460	Water (non potable)	51,921
7012350	Water (potable)	10,184
7019000	Well Logging Services	-
7019150	Mud Logging/geo-steering	23,209
7019250	Stabilizers, Stab Openers, Underreamers (DIT costs)	27,609
7019110	Casing Inspection/Cleaning	11,113
7019110	Drill pipe/collar inspection services	20,769
7016180	Freight - truck	51,921
7001460	Water hauling and disposal (includes soil farming)	124,012
7001360	Contract Services - Disposal/Non Hazardous Waste	166,149
7001440	Vacuum Trucks	20,769
7000010	Contract Labor - general	67,106
7000010	Contract Labor - Operations	6,231
7001200	Contract Services - Facilities	20,769
7019100	Well Services - Well Control Services	40,442
7019350	Well Services - Well/Wellhead Services	20,769
7290001	Rental Tools and Equipment (surface rentals)	20,776
7260001	Rig Equipment and Mfg.	167,810
7001110	Telecommunications Services	10,184
7001120	Consulting Services	176,201
7001400	Safety and Environmental	58,734
7000002	Rental Buildings (trailers)	10,916
7019310	Coring (sidewalk & analysis)	-
7011010	5% Contingency & Taxes	161,481
	TOTAL DRILLING - INTANGIBLE	\$1,918,614

TOTAL DRILLING COST

\$4,880,000

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012060	Tubing Accessories (couples, sealline entry)	-
7012350	Wellhead Equip	15,000
7012560	Packers - Completion Equipment	-
	TOTAL COMPLETION - TANGIBLE	\$15,000

COMPLETION - INTANGIBLE

7001270	Location and Access (drill location after rig move, set anchors)	11,700
7290002	Drilling Rig During Completion	-
7019140	Mud Fluids & Services	-
7019020	Coiled Tubing Services (8 runs)	183,858
7019140	Snubbing Services	-

7019170	Pulling/Spool Units	-
7028850	Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	145,252
7390002	Fracturing Services	4,810,232
7019110	Perforating	214,309
7019160	Wireline Services	-
7001460	Water Hauling & Disposal (fract fluids)	239,617
7019190	Freight - Truck (haul pipe, drlg & equip)	-
7290091	ROP Rental & Testing	-
7290092	Rental Tools and Equipment (lost drlg, lightplant, hydro-walk)	-
7190091	CT Downhole Rental Equipment (w. drlg, BHA)	54,422
7000010	Contract Labor - general	-
7000010	Telecommunications Services	41,786
7001110	Safety and Environmental	-
7001400	Consulting Services	109,897
7001130	Zipper ManHeld	164,442
7019100	Frack Stack Rental	142,072
7019180	Freight (Transportation Services)	8,023
7260001	Equipment Rental (w/o operator, frack tanks, lightplants)	212,544
7390002	Rental Buildings (trailers)	-
7000030	Contract Labor - Pumping (pump-down pumps)	41,786
7011010	AN 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	25,170
7016180	Freight - truck	15,850
7001160	Contract Engineering	9,824
7012120	Material and Instrumentation	269,071
7012290	HE Materials	157,845
7012200	Gas Treating	-
7012200	Dehydration	-
7012030	Compressor	18,262
7012160	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	255,150
7012500	Tanks	44,912
7012100	Heater Treater	132,741
7000010	Flare & Accessories	19,262
7000010	Electrical Labor	87,218
7012480	Mechanical Labor	168,608
7012130	Head Pumping unit & Pad	-
7012130	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
7001110	Consultant	2,400
7002110	Flow Wiring/Overhead	3,000
7012140	Artificial Lift Equipment	157,200
7012350	Materials & Supplies	1,200
7012150	Production Tree	3,000
7012380	Tools	61,000
7016150	Freight	3,000
7016150	Rentals	3,600
7016180	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	<u>\$13,715,053</u>

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: Third 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)
APE 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

If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	Exhibit B-3 N/A
Pooled Parties (including ownership type)	Exhibit B-3
Unlocatable Parties to be Pooled	Exhibit B-3
Ownership Depth Severance (including percentage above &	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. This provision shall also apply to any other wells which Operator plans to drill in the pooled spacing unit as described in the Pooling Order, such that if Operator applies for any future APDs for the purpose of drilling additional wells not listed in the Compulsory Pooling Checklist, Operator shall promptly provide written notice of the APD applications to Party of Record.

Special Provisions/Stipulations

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

Printed Name (Attorney or Party Representative):

Signed Name (Attorney or Party Representative):

Date:

May 9, 2024

ERNEST L. MADRILE

[Signature]