

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Marathon Oil Permian LLC **OGRID Number:** 372098
Well Name: Thunderbird 1-36 TB Federal 14H; Thunderbird 1-36 WA Federal 18H **API:** 30-025-46134; 30-025-46132 **+**
Pool: Harding Tank; Bone Spring & Harding Tank; Wolfcamp **Pool Code:** 96661 & 96658

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A. Location – Spacing Unit – Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD
- B. Check one only for [I] or [II]
 [I] Commingling – Storage – Measurement
☐ DHC ☐ CTB ☒ PLC ☐ PC ☐ OLS ☐ OLM
 [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
 A. ☐ Offset operators or lease holders
 B. ☐ Royalty, overriding royalty owners, revenue owners
 C. ☐ Application requires published notice
 D. ☒ Notification and/or concurrent approval by SLO
 E. ☒ Notification and/or concurrent approval by BLM
 F. ☐ Surface owner
 G. ☒ For all of the above, proof of notification or publication is attached, and/or,
 H. ☐ No notice required

FOR OCD ONLY

- ☐ Notice Complete
☐ Application Content Complete

- 3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Adrian Covarrubias

Print or Type Name

Signature

5/16/2022

Date

713-296-3368

Phone Number

acovarrubias@marathonoil.com

e-mail Address

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. MULTIPLE
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name
8. Well Number Multiple
9. OGRID Number 372098
10. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☐ Other	
2. Name of Operator Marathon Oil Permian LLC	
3. Address of Operator 5555 San Felipe St., Houston, TX 77056	
4. Well Location	
Unit Letter _____ : _____ feet from the _____ line and _____ feet from the _____ line	
Section 1 Township 26S Range 34E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☒		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Marathon Oil Permian LLC is requesting to surface commingle production from the following:

Name	API	Pool (Pool Code)
Thunderbird 1-36 WA Federal 18H	30-025-46132	Hardin Tank; Wolfcamp (96658)
Thunderbird 1-36 TB Federal 14H	30-025-46134	Hardin Tank; Bone Spring (96661)

Please see attached for details.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Adrian Covarrubias TITLE Regulatory Specialist DATE 5/16/2022

Type or print name Adrian Covarrubias E-mail address: acovarrubias@marathonoil.com PHONE: 713-296-3368

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

SURFACE COMMINGLING

Thunderbird 1-36 Federal 14H 18H

Marathon Oil Permian LLC is requesting to surface commingle under 19.15.12.10(B) NMAC for Commingling with Identical Ownership.

As per regulations, no notice to the interest owners, nor for C-107B is required.

The approval of this commingle will not affect the value of oil and gas.

Marathon Oil Permian LLC will be using the metering method to measure and allocate production. Please see below for Method of Allocation.

List of Leases and Pools to be commingled:

WELL NAME	API #	LEASE	POOL (CODE)
Thunderbird 1-36 TB Federal 14H	30-025-46134	CA Pending W2W2 Sec1-T26S-R34E W2W2 Sec36-T25S-R34E	Hardin Tank; Bone Spring (96661)
Thunderbird 1-36 WA Federal 18H	30-025-46132	CA Pending E2W2 Sec1-T26S-R34E E2W2 Sec1-T25S-R34E	Hardin Tank; Wolfcamp (96658)

The Mammoth Tank Battery will be located at UL. P-Sec.1-T26S-R34E.

Future additions:

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) NMAC, Marathon Oil Permian LLC requests option to include additional pools or lessees, and add additional wells contained within the spacing units identified and approved in this application by filing a Subsequent Sundry Report to the Bureau of Land Management and a C-103Z with a C-102 attached to the NMOCD.

SURFACE COMMINGLING

Thunderbird 1-36 Federal 14H 18H

Attachments:

- Identical Ownership Statement
- Notification to BLM
- Notification to State Land Office
- Lease Map
- Facility Diagram
- C-102 Plats

Jeff Broussard
Land Professional



Marathon Oil Permian LLC
990 Town & Country Blvd.
Houston, TX 77024
Telephone: 713.296.3159 Mobile: 409.351.2656
jbroussard1@marathonoil.com

May 12, 2022

Mr. Dean McClure
Petroleum Specialist
New Mexico Oil Conservation Division
1220 South Francis Drive
Santa Fe, NM 87505

Re: Marathon Oil Permian LLC - Surface Commingling
Thunderbird 14H & 18H Wells
E/2 of Section 1, T26S-R34E, and,
E/2 of Section 36, T25S-R34E
Lea County, New Mexico

Mr. McClure,

Marathon Oil Permian LLC ("Marathon") has filed the attached application with the New Mexico Oil Conservation Division ("Division") for administrative approval to surface lease commingle production according to the provisions of NMAC 19.15.12.10.B from the Thunderbird 1 TB Federal 14H (API #30-025-46134) and the Thunderbird 1 WA Federal 18H (API #30-025-46132) wells located in the E/2 of Section 1, T26S-R34E and the E/2 of Section 36, T25S-R34E, Lea County, New Mexico. There was no compulsory pooling completed for these wells. The working, royalty and overriding royalty interests and owners in these two wells are identical.

Should you have any questions please do not hesitate to contact me at 713-296-3159 or by email at jbroussard1@marathonoil.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Broussard', with a stylized flourish at the end.

Jeff Broussard
Land Professional
Lea County, New Mexico

Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
THUNDERBIRD 1-	18H	3002546132	NMNM113970	NMNM113970	MARATHON OIL
THUNDERBIRD 1-	14H	3002546134	NMNM113970	NMNM113970	MARATHON OIL

Notice of Intent

Sundry ID: 2671732

Type of Submission: Notice of Intent

Date Sundry Submitted: 05/13/2022

Date proposed operation will begin: 05/13/2022

Type of Action: Commingling (Surface)

Time Sundry Submitted: 02:13

Procedure Description: Marathon Oil Permian LLC is requesting permission to commingle production from above mentioned wells as per 43 CFR 3173.14.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

BLM_Submittal___Thunderbird_14H_18H_Surface_Commingling_20220513141332.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: ADRIAN COVARRUBIAS

Signed on: MAY 13, 2022 02:13 PM

Name: MARATHON OIL PERMIAN LLC

Title: regulatory Compliance Representative

Street Address: 990 TOWN & COUNTRY BLVD

City: HOUSTON **State:** TX

Phone: (713) 296-3368

Email address: acovarrubias@marathonoil.com

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

**NEW MEXICO
STATE
LAND OFFICE**

**APPLICATION FOR
COMMINGLING AND OFF-LEASE STORAGE
ON STATE TRUST LANDS**



This application form is required for all commingling applications requiring approval by the Commissioner of Public Lands.

Applicant: Marathon Oil Permian LLC

OGRID #: 372098

Well Name: Thunderbird 1-36 WA Federal 18H; Thunderbird 1 TB Federal Com 10H

API #: 30-025-46132; 30-025-46128

Pool: Hardin Tank; Bone Spring & Hardin Tank; Wolfcamp

OPERATOR NAME: Marathon Oil Permian LLC

OPERATOR ADDRESS: 990 Town & Country Blvd., Houston, TX 77024

APPLICATION REQUIREMENTS – SUBMIT:

1. New Mexico Oil Conservation Division (NMOCD) application packet (or equivalent information if no application is required by NMOCD),
2. Commingling application fee of \$150.

CERTIFICATION: To the best of my knowledge,

- All business leases and rights-of-way necessary for conducting the proposed operation on State Trust lands have been applied for or obtained,
- The information submitted with this application is **accurate** and **complete**, and
- No loss will accrue to the state of New Mexico as a result of the proposed operation.

I also understand that **no action** will be taken on this application until the required information and fee are submitted to the State Land Office.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Adrian Covarrubias

Print or Type Name

Signature

713-296-3368

Phone Number

acovarrubias@marathonoil.com

e-mail Address

Date

Submit application to:

Commissioner of Public Lands
Attn: Commingling Manager
PO Box 1148
Santa Fe, NM 87504-1148

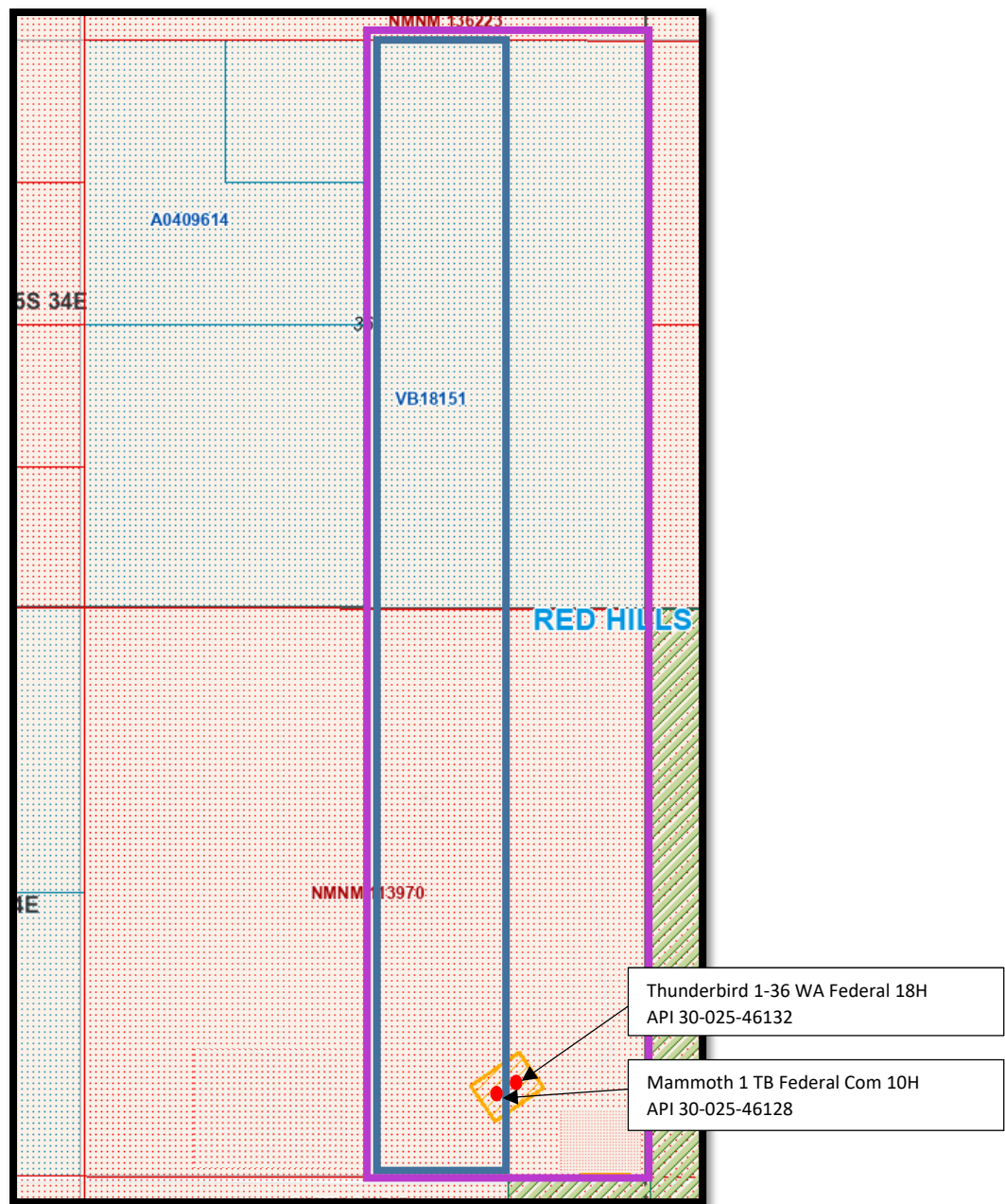
Questions?

Contact the Commingling Manager:
505.827.5791

Upon approval, the requesting organization will receive an acknowledgment letter from the Commissioner of Public Lands.

SURFACE COMMINGLING
Thunderbird 1-36 Federal 14H 18H

Lease Map



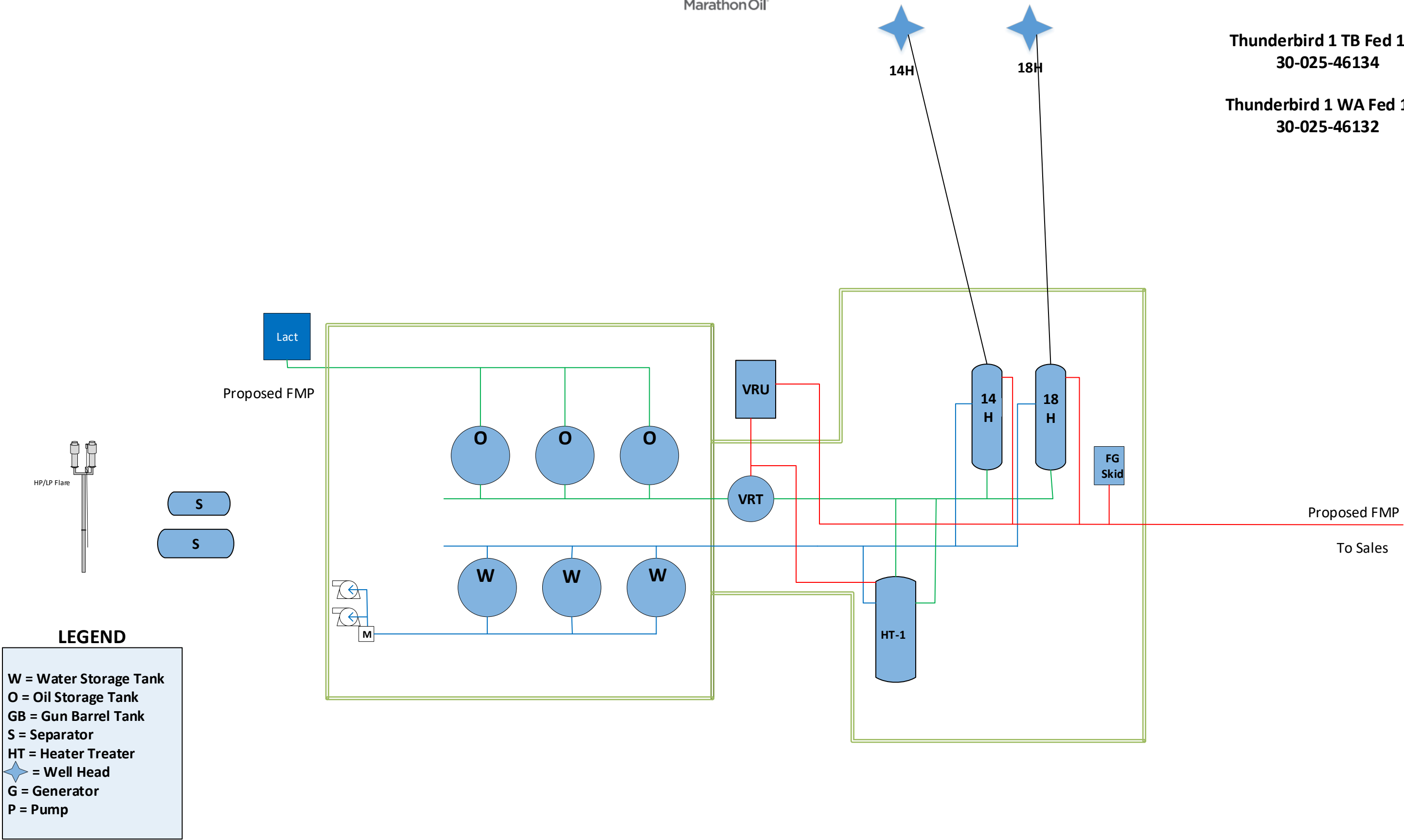
- CA Pending (Wolfcamp) 
- CA Pending (Bone Spring) 
- Thunderbird Federal Pad 
- Wells 

Thunderbird 14H 18H CTB



Thunderbird 1 TB Fed 14H
30-025-46134

Thunderbird 1 WA Fed 18H
30-025-46132



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46134	² Pool Code 96661	³ Pool Name HARDIN TANK; BONE SPRING
⁴ Property Code	⁵ Property Name THUNDERBIRD 1-36 TB FEDERAL	⁶ Well Number 14H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3281'

¹⁰ Surface Location

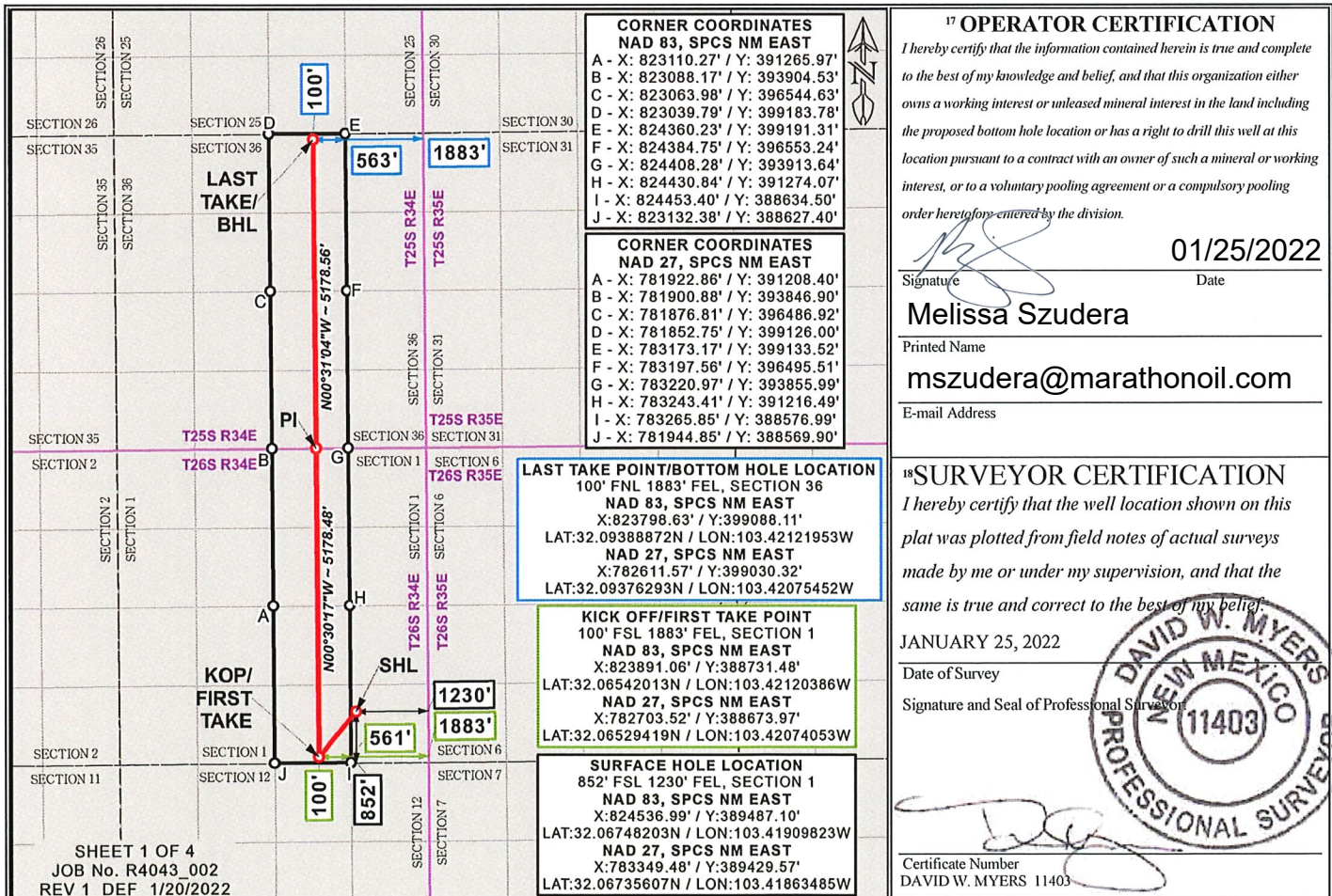
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	1	26S	34E		852	SOUTH	1230	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	36	25S	34E		100	NORTH	1883	EAST	LEA

¹² Dedicated Acres 320.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 Combined Scale Factor: 0.99985058 Convergence Angle: 00°29'34.80475"

☐ Horizontal Spacing Unit

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46132	² Pool Code 96658	³ Pool Name HARDIN TANK; WOLFCAMP
⁴ Property Code	⁵ Property Name THUNDERBIRD 1-36 WA FEDERAL	⁶ Well Number 18H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3281'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	1	26S	34E		869	SOUTH	1205	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	36	25S	34E		100	NORTH	727	EAST	LEA

¹² Dedicated Acres 320.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

	CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 824430.84' / Y: 391274.07' B - X: 824408.28' / Y: 393913.64' C - X: 824384.75' / Y: 396553.24' D - X: 824360.23' / Y: 399191.31' E - X: 825680.67' / Y: 399198.85' F - X: 825705.52' / Y: 396561.84' G - X: 825728.39' / Y: 393922.74' H - X: 825751.40' / Y: 391282.17' I - X: 825774.41' / Y: 388641.60' J - X: 824453.40' / Y: 388634.50'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: Date: 01/25/2022 Printed Name: Melissa Szudera E-mail Address: mszudera@marathonoil.com
	CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 783243.41' / Y: 391216.49' B - X: 783220.97' / Y: 393855.99' C - X: 783197.56' / Y: 396495.51' D - X: 783173.17' / Y: 399133.52' E - X: 784493.59' / Y: 399141.04' F - X: 784518.32' / Y: 396504.11' G - X: 784541.07' / Y: 393865.08' H - X: 784563.96' / Y: 391224.58' I - X: 784586.85' / Y: 388584.08' J - X: 783265.85' / Y: 388576.99'	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JANUARY 25, 2022 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number: DAVID W. MYERS 11403
	LAST TAKE POINT/BOTTOM HOLE LOCATION 100' FNL 727' FEL, SECTION 36 NAD 83, SPCS NM EAST X: 824954.62' / Y: 399094.70' LAT: 32.09387992N / LON: 103.41748687W NAD 27, SPCS NM EAST X: 783767.54' / Y: 399036.91' LAT: 32.09375408N / LON: 103.41702200W	
	KICK OFF/FIRST TAKE POINT 100' FSL 728' FEL, SECTION 1 NAD 83, SPCS NM EAST X: 825046.05' / Y: 388737.69' LAT: 32.06541031N / LON: 103.41747560W NAD 27, SPCS NM EAST X: 783858.49' / Y: 388680.17' LAT: 32.06528432N / LON: 103.41701240W	
SURFACE HOLE LOCATION 869' FSL 1205' FEL, SECTION 1 NAD 83, SPCS NM EAST X: 824561.58' / Y: 389504.37' LAT: 32.06752893N / LON: 103.41901840W NAD 27, SPCS NM EAST X: 783374.07' / Y: 389446.84' LAT: 32.06740297N / LON: 103.41855502W		

Distances/areas relative to NAD 83 Combined Scale Factor: 0.99985058 Convergence Angle: 00°29'34.80475"

Horizontal Spacing Unit

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

PS Form 3877

Type of Mailing: CERTIFIED MAIL
 04/27/2022

Firm Mailing Book ID: 226935

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0094 7467 89	Marathon Oil Permian LLC 990 Town and Country Boulevard Houston TX 77024	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
2	9314 8699 0430 0094 7467 96	EOG Resources, Inc. P.O. Box 2267 Midland TX 79705	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
3	9314 8699 0430 0094 7468 02	OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston TX 77046	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
4	9314 8699 0430 0094 7468 19	OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston TX 77046	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
5	9314 8699 0430 0094 7468 26	LJA Charitable Investments, LLC P.O. Box 331367 Houston TX 77233	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
6	9314 8699 0430 0094 7468 33	Pennies From Heaven, LLC c/o Bank of America P.O. Box 832407 Houston TX 77287	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
7	9314 8699 0430 0094 7468 40	Franklin Mountain Royalty Investments, LLC 44 Cook Street, Suite 1000 Denver CO 80206	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
8	9314 8699 0430 0094 7468 57	Monticello Minerals LLC 5528 Vickery Boulevard Dallas TX 75206	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
9	9314 8699 0430 0094 7468 64	Rheiner Holdings, LLC P.O. Box 980552 Houston TX 77098	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
10	9314 8699 0430 0094 7468 71	Prevail Energy LLC 521 Dexter Street Denver CO 80220	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
11	9314 8699 0430 0094 7468 88	Cayuga Royalties, LLC P.O. Box 540711 Houston TX 77254	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
12	9314 8699 0430 0094 7468 95	Cyrene L. Inman, Successor Trustee of the Cyrene L Inman Trust u/t/a of 1/26/94 6844 Rio Grande Boulevard NW Albuquerque NM 87107	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
13	9314 8699 0430 0094 7469 01	EMG Oil Properties, Inc. 1000 West Fourth Street Roswell NM 88201	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
14	9314 8699 0430 0094 7469 18	Oscura Resources, Inc. P.O. Box 2292 Roswell NM 88202	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
15	9314 8699 0430 0094 7469 25	Post Oak Crown IV, LLC 5200 San Felipe Houston TX 77056	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice

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

PS Form 3877

Type of Mailing: CERTIFIED MAIL
04/27/2022

Firm Mailing Book ID: 226935

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
16	9314 8699 0430 0094 7469 32	Post Oak Crown IV-B, LLC 5200 San Felipe Houston TX 77056	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
17	9314 8699 0430 0094 7469 49	Good News Minerals, LLC P.O. Box 50820 Midland TX 79710	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
18	9314 8699 0430 0094 7469 56	KMF Land, LLC 1144 15th Street, Suite 2650 Denver CO 80202	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
19	9314 8699 0430 0094 7469 63	Zunis Energy, LLC 15 E. 5th Street, Suite 3300 Tulsa OK 74103	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
20	9314 8699 0430 0094 7469 70	Mavros Minerals II, LLC P.O. Box 50820 Midland TX 79710	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
21	9314 8699 0430 0094 7469 87	Oak Valley Mineral and Land, LP P.O. Box 50820 Midland TX 79710	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
22	9314 8699 0430 0094 7469 94	Kaleb Smith P.O. Box 50820 Midland TX 79710	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
23	9314 8699 0430 0094 7470 07	Deane Durham P.O. Box 50820 Midland TX 79710	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
24	9314 8699 0430 0094 7470 14	Mike Moylett P.O. Box 50820 Midland TX 79710	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
25	9314 8699 0430 0094 7470 21	Crown Oil Partners, LP P.O. Box 50820 Midland TX 79710	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
26	9314 8699 0430 0094 7470 38	Collins & Jones Investments, LLC 508 W. Wall Street, Suite 1200 Midland TX 79701	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
27	9314 8699 0430 0094 7470 45	LMC Energy LLC 550 W. Texas Avenue, Suite 945 Midland TX 79701	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
28	9314 8699 0430 0094 7470 52	Gerald G. Vavrek 1521 2nd Avenue #1604 Seattle WA 98101	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
29	9314 8699 0430 0094 7470 69	Jesse A. Faught, Jr. P.O. Box 52603 Midland TX 79710	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
30	9314 8699 0430 0094 7470 76	H. Jason Wacker 5601 Hillcrest Midland TX 79707	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice

Released to Imaging: 7/11/2022 4:30:33 PM

Received by OCD: 5/16/2022 1:27:04 PM

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

PS Form 3877
Type of Mailing: CERTIFIED MAIL
04/27/2022

Firm Mailing Book ID: 226935

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
31	9314 8699 0430 0094 7470 83	David W. Cromwell 2008 Country Club Drive Midland TX 79701	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
Totals:			\$42.16	\$116.25	\$57.35	\$0.00	
			Grand Total:		\$215.76		

List Number of Pieces Listed by Sender	Total Number of Pieces Received at Post Office	Postmaster: Name of receiving employee	Dated:
31			

Released to Imaging: 7/11/2022 4:30:33 PM

Received by OCD: 5/16/2022 1:27:04 PM

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

PS Form 3877
Type of Mailing: CERTIFIED MAIL
04/27/2022

Firm Mailing Book ID: 226944

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0094 7494 45	New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe NM 87501	\$1.36	\$3.75	\$1.85	\$0.00	81363.178.Thunder Notice
Totals:			\$1.36	\$3.75	\$1.85	\$0.00	
			Grand Total:			\$6.96	

List Number of Pieces Listed by Sender	Total Number of Pieces Received at Post Office	Postmaster: Name of receiving employee	Dated:
1			

From: [Engineer, OCD, EMNRD](#)
To: [Covarrubias, Adrian \(MRO\)](#)
Cc: [McClure, Dean, EMNRD](#); [Kautz, Paul, EMNRD](#); [Wrinkle, Justin, EMNRD](#); [Powell, Brandon, EMNRD](#); lisa@rwbyram.com; [Glover, James](#); [Paradis, Kyle Q](#); [Walls, Christopher](#); [Dawson, Scott](#)
Subject: Approved Administrative Order PLC-837
Date: Monday, July 11, 2022 4:12:44 PM
Attachments: [PLC837 Order.pdf](#)

NMOCD has issued Administrative Order PLC-837 which authorizes Marathon Oil Permian, LLC (372098) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-025-46132	Thunderbird 1 36 WA Federal #18H	E/2 E/2	36-25S-34E	96658
		E/2 E/2	1-26S-34E	
30-025-46134	Thunderbird 1 36 TB Federal #14H	W/2 E/2	36-25S-34E	96661
		W/2 E/2	1-26S-34E	

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: [Covarrubias, Adrian \(MRO\)](#)
To: [McClure, Dean, EMNRD](#)
Subject: RE: [EXTERNAL] RE: surface commingling application PLC-837
Date: Monday, June 20, 2022 2:06:33 PM
Attachments: [image001.png](#)
[BLM Appr-SN Thunderbird 1-36 TB Federal 14H SL-XXL 03.07.2022.pdf](#)
[BLM Appr-SN Thunderbird 1-36 WA Federal 18H SL-XXL 03.08.2022.pdf](#)

Hi Dean,

I know see what you mean and where the disconnect is. Please see the attached BLM Approved Sundries where we changed it the 2 mile laterals.

These have been submitted thru OCD Permitting as follows:

Thunderbird 1 36 WA Federal 18H – C-103A – Sundry ID118781

Thunderbird 1 36 TB Federal 14H – C-103A – Sundry ID118785

I think that will resolve the issues on this two. Please let me know if you have other questions or comments.

Adrian Covarrubias

Regulatory Professional | Permian Asset

Marathon Oil Company | 990 Town & Country Blvd. Houston, TX 77024

O: 713.296.3368 | M: 713.962.7591



From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Friday, June 17, 2022 3:08 PM
To: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Subject: RE: [EXTERNAL] RE: surface commingling application PLC-837

Hello Adrian,

Both of the below wells have APDs which were approved by the Division with 1 mile laterals:

Well API	Well Name
30-025-46132	Thunderbird 1 36 WA Federal #18H
30-025-46134	Thunderbird 1 36 TB Federal #14H

If there are approvals from the BLM for 2 mile laterals for these wells, they have not been submitted

to the Division.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>
Sent: Friday, June 10, 2022 9:25 AM
To: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Subject: [EXTERNAL] RE: surface commingling application PLC-837

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Dean,

Here is the information:

1. Estimated BTU/Gravity for Production from Pools. See attached Form C-107B
 - a. Wolfcamp BTU 1380 Gravity 43
 - b. Bone Spring BTU 1380 Gravity 43
2. NMSLO Was sent a notification of the application with \$150 check. Please see the attached Mail book and Affidavit of Publication.
3. The APDs for these wells were approved as a 2 mile lateral crossing Section 1 and 36. Is there something different that you're seeing in your end?

I'm trying to get a copy of the CA Packets, but decided to go ahead and send you the info I have. I will send you the CA packets as soon as I get them.

Let me know if you need anything else beyond this.

Thank you,

Adrian Covarrubias

Regulatory Professional | Permian Asset
Marathon Oil Company | 990 Town & Country Blvd. Houston, TX 77024
O: 713.296.3368 | M: 713.962.7591



From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>

Sent: Thursday, June 9, 2022 5:28 PM

To: Covarrubias, Adrian (MRO) <acovarrubias@marathonoil.com>

Subject: [External] surface commingling application PLC-837

Beware of links/attachments.

Mr. Covarrubias,

I am reviewing surface commingling application PLC-837 which involves a commingling project that includes the Mammoth Tank Battery and is operated by Marathon Oil Permian, LLC (372098).

Please provide known or estimated BTU and Gravity values for the production from the pools in this commingling project.

Please confirm that the NMSLO has received notification of this application.

Within the system, these wells are currently dedicated to section 1 only. Does Marathon intend to extend these wells into section 36? If so, what is the status of that change of plans?

Additionally, if the wells are going to be extended into section 36, I will need the CA packets as I do not see the CAs within the BLM System currently.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

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

**APPLICATION FOR SURFACE COMMINGLING
SUBMITTED BY MARATHON OIL PERMIAN, LLC**

ORDER NO. PLC-837

ORDER

The Director of the New Mexico Oil Conservation Division (“OCD”), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

FINDINGS OF FACT

1. Marathon Oil Permian, LLC (“Applicant”) submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells identified in Exhibit A (“Application”).
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7.B. NMAC.
4. To the extent that ownership is diverse, Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
5. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
6. Applicant certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.
7. Applicant in the notice for the Application stated that it sought authorization to add additional pools, leases, and wells and identified the parameters to make such additions.
8. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease identified in Exhibit A.
9. Applicant submitted or intends to submit one or more proposed communitization agreement(s) (“Proposed Agreement(s)”) to the BLM or NMSLO, as applicable, identifying

the acreage of each lease to be consolidated into a single pooled area ("Pooled Area"), as described in Exhibit B.

CONCLUSIONS OF LAW

10. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.
11. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10.A.(2) NMAC, 19.15.12.10.C.(4)(c) NMAC, and 19.15.12.10.C.(4)(e) NMAC, as applicable.
12. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9.A.(5) NMAC and 19.15.23.9.A.(6) NMAC, as applicable.
13. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10.B.(1) NMAC or 19.15.12.10.C.(1) NMAC, as applicable.
14. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10.B.(3) NMAC and 19.15.12.10.C.(4)(h) NMAC.
15. Applicant satisfied the notice requirements for the subsequent addition of pools, leases, and wells in the notice for the Application, in accordance with 19.15.12.10.C.(4)(g) NMAC. Subsequent additions of pools, leases, and wells within Applicant's defined parameters, as modified herein, will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.
16. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

ORDER

1. Applicant is authorized to surface commingle oil and gas production from the pools, leases, and wells identified in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from the pools, leases, and wells identified in Exhibit A at a central tank battery described in Exhibit A.

Applicant is authorized to surface commingle oil and gas production from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A at a central tank battery described in Exhibit A.

2. For each Pooled Area described in Exhibit B, Applicant shall submit a Proposed Agreement to the BLM or NMSLO, as applicable, prior to commencing oil and gas production. If Applicant fails to submit the Proposed Agreement, this Order shall terminate on the following day.

No later than sixty (60) days after the BLM or NMSLO approves or denies a Proposed Agreement, Applicant shall submit a Form C-103 to OCD with a copy of the decision and a description of the approved lands, as applicable. If Applicant withdraws or the BLM or NMSLO denies a Proposed Agreement, this Order shall terminate on the date of such action, and Applicant shall cease commingling the production from the Pooled Area. If the BLM or NMSLO approves but modifies the Proposed Agreement(s), Applicant shall comply with the approved Agreement(s), and no later than sixty (60) days after such decision, Applicant shall submit a new surface commingling application to OCD to conform this Order with the approved Agreement(s). If Applicant fails to submit the new surface commingling application or OCD denies the new surface commingling application, this Order shall terminate on the date of such action.

Applicant shall allocate the oil and gas production to each lease within a Pooled Area in proportion to the acreage that each lease bears to the entire acreage of the Pooled Area described in Exhibit B until the Proposed Agreement which includes the Pooled Area is approved. After the Proposed Agreement is approved, the oil and gas production from the Pooled Area shall be allocated as required by the BLM's or NMSLO's, as applicable, approval of the Agreement, including any production that had been allocated previously in accordance with this Order.

3. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.
4. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling.
5. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
6. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8.B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8.E. NMAC.
7. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10.C.(2) NMAC.
8. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later

than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.

9. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B in accordance with 19.15.12.10.C.(4)(g) NMAC, provided the pools, leases, and subsequently drilled wells are within the identified parameters included in the Application.
10. If a well is not included in Exhibit A but produces from a pool or lease identified in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form C-103 shall reference this Order and identify the well, proposed method to determine the allocation of oil and gas production to it, and the location(s) that commingling of its production will occur.
11. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
12. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
13. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



**ADRIENNE E. SANDOVAL
DIRECTOR**

DATE: 7/11/2022

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: **PLC-837**

Operator: **Marathon Oil Permian, LLC (372098)**

Central Tank Battery: **Mammoth Tank Battery**

Central Tank Battery Location: **UL P, Section 1, Township 26 South, Range 34 East**

Gas Title Transfer Meter Location: **UL P, Section 1, Township 26 South, Range 34 East**

Pools

Pool Name	Pool Code
HARDIN TANK; WOLFCAMP	96658
HARDIN TANK; BONE SPRING	96661

Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
VB 18150001	E/2	36-25S-34E
NMNM 113970	E/2	1-26S-34E

Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-025-46132	Thunderbird 1 36 WA Federal #18H	E/2 E/2	36-25S-34E	96658
		E/2 E/2	1-26S-34E	
30-025-46134	Thunderbird 1 36 TB Federal #14H	W/2 E/2	36-25S-34E	96661
		W/2 E/2	1-26S-34E	

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit B

Order: **PLC-837**
Operator: **Marathon Oil Permian, LLC (372098)**

Pooled Areas

Pooled Area	UL or Q/Q	S-T-R	Acres	Pooled Area ID
CA Wolfcamp BLM	E/2 E/2	36-25S-34E	320	A
	E/2 E/2	1-26S-34E		
CA Bone Spring BLM	W/2 E/2	36-25S-34E	320	B
	W/2 E/2	1-26S-34E		

Leases Comprising Pooled Areas

Lease	UL or Q/Q	S-T-R	Acres	Pooled Area ID
VB 18150001	E/2 E/2	36-25S-34E	160	A
NMNM 113970	E/2 E/2	1-26S-34E	160	A
VB 18150001	W/2 E/2	36-25S-34E	160	B
NMNM 113970	W/2 E/2	1-26S-34E	160	B

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 107127

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 107127
	Action Type: [C-107] Surface Commingle or Off-Lease (C-107B)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.	7/11/2022