

Revised March 23, 2017

WXYF1-200304-C-107B 1382

RECEIVED: 3/4/20	REVIEWER: DM	TYPE: PC	APP NO: pDM2008757381
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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:** Cave Lion 5 TB Federal 1H, Cave Lion 5 WA Federal 5H **API:** 30-025-44087, 30-025-44102 **+**  
**Pool:** WC-025 G-08 S2535340; Bone Springs, WC-025 G-09 S263504N; Wolfcamp **Pool Code:** 97088; 98117

**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

3/4/2020

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 <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Cave Lion 5 Federal
8. Well Number Multiple
9. OGRID Number 372098
10. Pool name or Wildcat Multiple

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 <input type="checkbox"/> Gas Well <input type="checkbox"/> 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 M : _____ feet from the _____ line and _____ feet from the _____ line Section 5 Township 26S Range 35E 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 <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: Request to pool commingle <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

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 request approval to pool Commingle production on the following wells at a common central tank battery located on the Cave Lion 5 Federal CTB located in the SWSW, of Sec. 5, T26S, R35E. The facility and both wells are in the same lease and share the same pad.

Cave Lion 5 TB Federal 1H, Lease# NMNM13647, Section 5, SWSW, T26S, R35E, API 30-025-44087

Cave Lion 5 WC Federal 5H, Lease# NMNM13647, Section 5, SWSW, T26S, R35E, API 30-025-44102.

Please see the attached Commingle proposal.

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 Professional DATE 3/4/2020

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):

**APPLICATION FOR CENTRAL TANK BATTERY, SALES, & STORAGE****Proposal for Cave Lion 5 TB Federal 1H & Cave Lion 5 WA Federal 5H:**

Marathon Oil Permian LLC is requesting approval for the Central Tank Battery:

**Federal Lease NM-13647**

<b>Well Name</b>	<b>Location</b>	<b>API #</b>	<b>Pool 96665</b>	<b>Oil BOPD</b>	<b>Gravities</b>	<b>MCFPD</b>	<b>BTU</b>
Cave Lion 5 TB Federal 1H Sec. 5-T26S-R35E	30-025-44087	WC025G05S2535340	Bone Spring	413	44.39	936	1352
Cave Lion 5 WA Federal 5H Sec. 5-T26S-R35E	30-025-44102	WC025G09S263504N	Wolfcamp	120	45.09	434	1321

Lease map shows the federal leases and well locations in Section 5-T26S-R35E. Working, royalty, and overriding interest owners have been notified of this proposal are identical. OCD has been sent proposal for approval.

The BLM's interest in both wells has identical royalty rates of 12.5%. Waste is not induced and no correlative rights are impaired. These meters will be calibrated on a regular basis per API, NMOCD and BLM specifications. The BLM and OCD will be notified of any future changes in the CTB.

**Oil & Gas metering:**

The central Tank Battery (CTB) will be located at the Cave Lion 5 Federal 1H & 5H. There are five oil tanks at the CTB that the wells will utilize and for gas they will have a common central delivery point (CDP) gas sales meter (Lucid-T174600922) which is located on the SWSW, Sec. 5, T26S, R35E. The produced water will go to a common water tank on location.

Each well will have its own 3-phase separator. The oil production will be allocated on a daily basis using the Coriolis meter on the downstream side of the 3-phase separator.

Cave Lion 5 TB Federal 1H oil allocation meter consists of a Micro Motion Coriolis meter (SN-14750232)  
Cave Lion 5 WA Federal 5H oil allocation meter consists of a Micro Motion Coriolis meter (SN-14749695)

Gas production will be allocated on a daily basis using the allocation meters downstream of the 3-phase separator.

Cave Lion 5 TB Federal 1H gas allocation meter consists of an orifice meter (SN-D0303653)  
Cave Lion 5 WA Federal 5H gas allocation meter consists of an orifice meter (SN-D0304225)

Oil and gas meters will be calibrated per API & NMOCD specifications.  
The BLM and OCD will be notified of any future changes in the facilities.


**Process and Flow Descriptions:**

The Cave Lion 5 TB Federal 1H & Cave Lion 5 WA Federal 5H well pad has a central tank battery on Sec. 5-T26S-R35E on federal lease NMNM-13647 in Lea County, New Mexico.

The production from the two wells are routed to the CTB where each well will have its own separator for measurement and a common heater treater. Oil, gas and water volumes from each well producing to this battery are determined by using an individual separator for continuous measurement at the CTB. Oil and water production will be allocated on a daily basis based on the coriolis (oil) and mag (water) downstream of each separator. Gas production will be allocated on a daily basis based on the orifice meter downstream of each separator.

After separation and allocation measurement, the oil and water will go to common oil tanks and water tanks. The oil will be sold through a LACT (SN-P1043116000). The gas from the separator will combine with gas from the heater treater and will be routed to a gas scrubber and then on to the gas CDP (Lucid T174600922) located in Section 5 on west side of pad.

The flow of produced fluids is shown in detail on the facility diagram along with a description of each vessel. The commingling of production is in the interest of conservation and waste and will result in the most effective, economic means of producing the reserves in place from the affected wells and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce operating expenses as well as reduce the surface facility footprint and overall emissions.

Signed:   
Printed Name: Adrian Covarrubias  
Title: Regulatory Professional  
Date: 3/4/2020

## Economic Justification Worksheet Cave Lion 5 Federal


Federal lease NMNM13647 Royalty Rate 12.5%

Well Name	BOPD	Oil gravity @ 60 deg	Value / bbl	MCFPD	Dry BTU	Value / mcf
Cave Lion 5 TB Federal 1H	413	44.39	48.03	936	1352	2.11
Cave Lion 5 WA Federal 5H	120	45.09	48.03	494	1321	2.11

Economic Combined Production

Well Name	BOPD	Oil gravity @ 60 deg	Value / bbl	MCFPD	Dry BTU	Value / mcf
Cave Lion 5 Federal M CTB	533	44.6	48.03	1430	1341	2.11

By combining the production of these leases, the royalty value will not be affected due to the contract Marathon has with the purchaser; which states that they will purchase all oil and gas at one price regardless of variance in API gravity for oil or BTU for gas.

Signed:   
 Printed Name: Adrian Covarrubias  
 Title: Regulatory Professional  
 Date: 3/4/2020

Weighted averages for economic value

1H oil	413/44.39	18,333	23,744	44.6 API
5H oil	120/45.09	5411		
1H gas	963/1,352	1,265,472	1,918,046	1341 BTU
5H gas	494/1,321	652,574		

# Interest owner letter

**Ryan Gyllenband**  
Land Supervisor



**Marathon Oil Permian LLC**  
5555 San Felipe Street  
Houston, TX 77056  
Telephone: 713.296.2453 Mobile: 281.684.7389  
Fax: 713.513.4006  
mrgyllenband@marathonoil.com

January 20, 2020

Mr. Dean McClure  
Petroleum Specialist  
New Mexico Energy, Minerals and Natural Resources Department  
1220 South Francis Drive  
Santa Fe, NM 87505

Re: Marathon Oil Permian LLC - Surface Commingling  
Cave Lion 1H & 5H Wells  
W/2 W/2 of Section 5, T26S-R35E  
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.C from the Cave Lion 26 35 5 TB Federal #001H well (API# 30-025-44087) located in the Jabalina; Delaware, Southwest Pool (97597) and from the Cave Lion 5 Federal WC #005H well (API# 30-025-44102) located in the WC-025 G-09 S263504N; Wolfcamp pool located in Section 5, T26S-R35E, Lea County, New Mexico. The working interest and royalty interest in these two wells is identical.

Should you have any questions please do not hesitate to contact me at 713-296-2453 or by email at mrgyllenband@marathonoil.com.

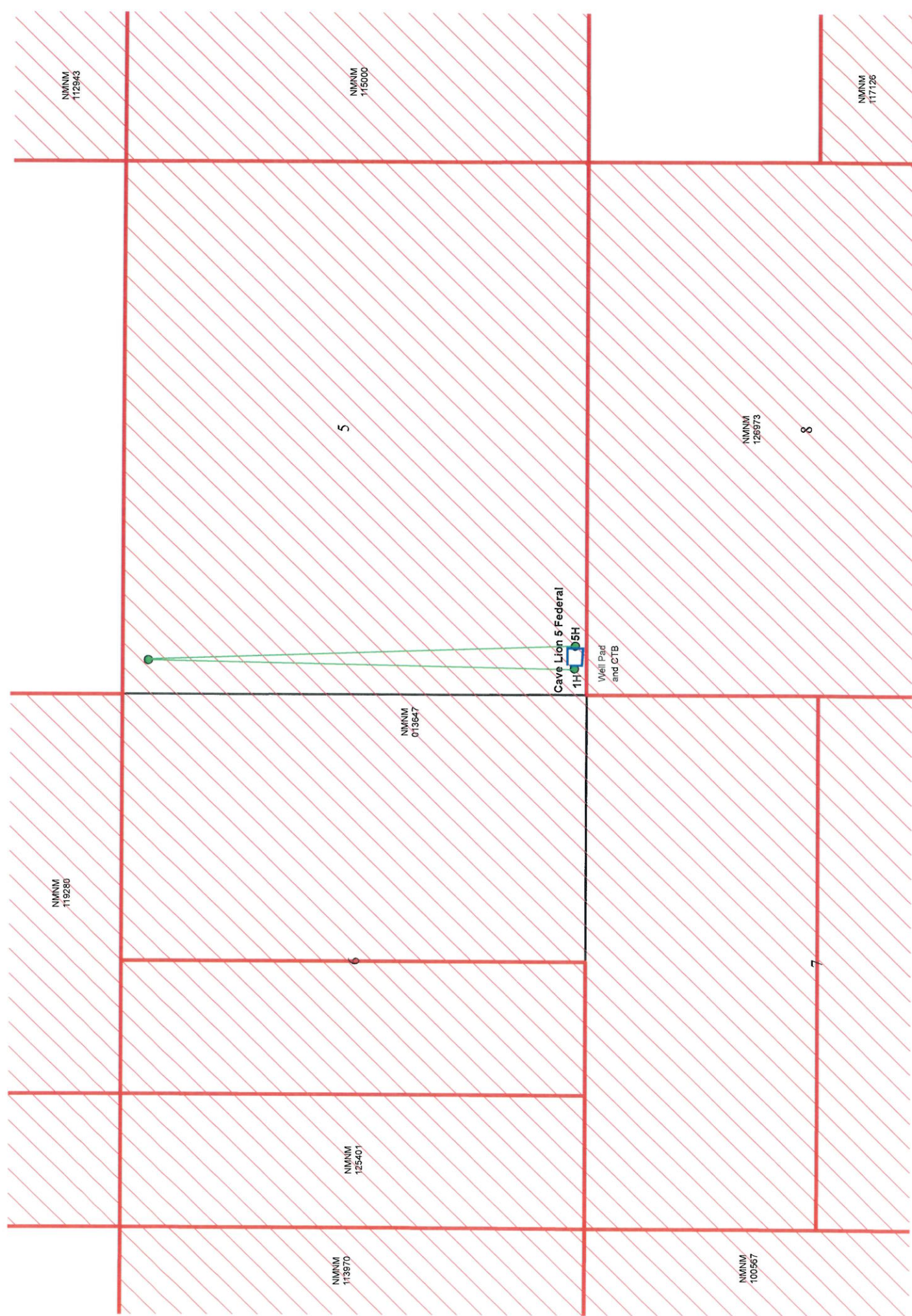
Sincerely,

A handwritten signature in blue ink, appearing to read 'Ryan Gyllenband'.

Ryan Gyllenband  
Land Supervisor  
Lea County, New Mexico

# Lease Map

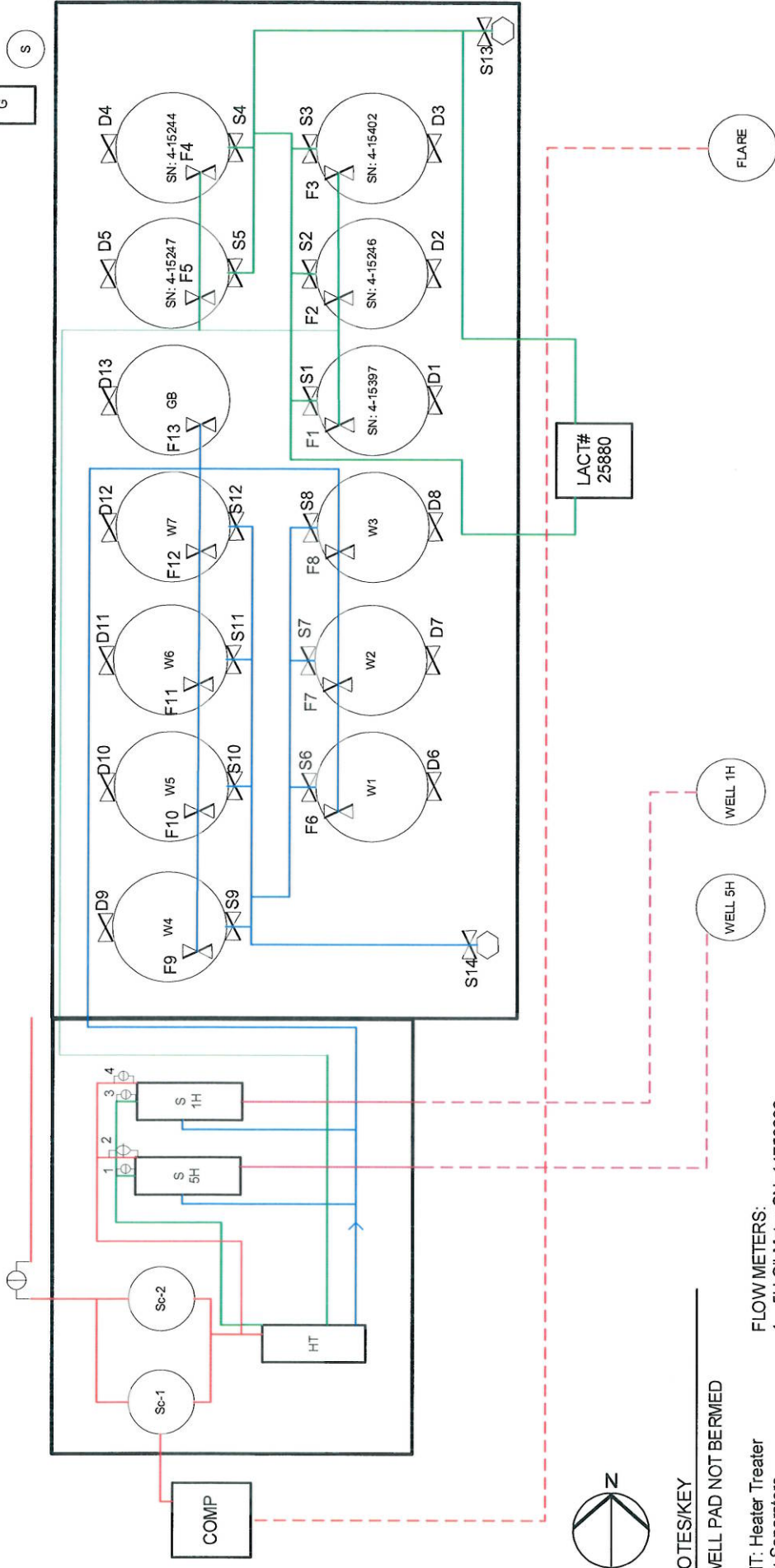




# Facility Diagram



SN: T174600922 FMP NO.




NOTES/KEY

WELL PAD NOT BERMED

- FLOW METERS:  
1 - 5H Oil Meter SN: 14750232  
2 - 5H Gas Meter SN: D0303653  
3 - 1H Oil Meter SN: 14749695  
4 - 1H Gas Meter SN: D0304225
- HT: Heater Treater  
S: Separators  
Sc: Scrubbers  
G: Generator  
GB: Gun Barrel  
W: Water Storage Tank  
SN: Oil Storage Tank

- F1 - F13 - Production Valves  
S1 - S14 - Sales Valves  
D1 - D13 - Drain Valves

	FIGURE TITLE				
	CAVE LION 5 FEDERAL 1H & 5H				
	API	LEASE	CA #		
	30-025-44087 30-025-44102	NMM13647			
	OPERATOR	MARATHON OIL PERMIAN, LLC 5555 SAN FELIPE ST, HOUSTON, TX 77056			
LOCATION			LEA COUNTY, NIM	SWSW-05-T26S-R35E 185 FSL & 330 FWL	LAT 32.06560374 LONG -103.39695431
DATE		JULY 2018	SCALE		
DRAWN BY		AC	APPROVED BY		
JVC		NOT TO SCALE			

AS DRILLED PLAT

**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

As Drilled

<sup>1</sup> API Number 30-025-44087	<sup>2</sup> Pool Code XXXXX	<sup>3</sup> Pool Name WC025 G05 S2535340; BONESPRINGS
<sup>4</sup> Property Code	<sup>5</sup> Property Name CAVE LION 5 TB FEDERAL	<sup>6</sup> Well Number 1H
<sup>7</sup> OGRID No. 372098	<sup>8</sup> Operator Name MARATHON OIL PERMIAN, LLC	<sup>9</sup> Elevation 3271'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	5	T26S	R35E		185'	SOUTH	330'	WEST	LEA

<sup>11</sup> 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
D	5	T26S	R35E		332'	NORTH	315'	WEST	LEA

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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.

<sup>16</sup> 				<sup>17</sup> 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: <u>Jennifer Van Curen</u> Date: <u>2/21/2018</u> Printed Name: <u>Jennifer Van Curen</u> E-mail Address: <u>jvancuren@marathonoil.com</u>	
<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____				PRELIMINARY THIS DOCUMENT IS NOT TO BE USED FOR CONVEYANCE, SALE, BIDDING, RECORDATION, OR THE BASIS FOR THE ISSUANCE OF A PERMIT.	



District I  
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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

<sup>1</sup> API Number 30-025-44102	<sup>2</sup> Pool Code XXXXX	<sup>3</sup> Pool Name WC025 G09 S263504N; WOLFCAMP
<sup>4</sup> Property Code	<sup>5</sup> Property Name CAVE LION 5 WA FEDERAL	<sup>6</sup> Well Number 5H
<sup>7</sup> OGRID No. 372098	<sup>8</sup> Operator Name MARATHON OIL PERMIAN, LLC	<sup>9</sup> Elevation 3270'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	5	T26S	R35E		185'	SOUTH	480'	WEST	LEA

<sup>11</sup> 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
D	5	T26S	R35E		331'	NORTH	325'	WEST	LEA

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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.

<sup>16</sup> 	<sup>17</sup> 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: <u>Jennifer Van Curen</u> Date: <u>3/9/2018</u> Printed Name: <u>Jennifer Van Curen</u> E-mail Address: _____
	<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____
	PRELIMINARY THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, OR THE BASIS FOR THE ISSUANCE OF A PERMIT.
	NOTE: ALL DIMENSIONS IN U.S. FEET 1 01/05/2018 MWS REV. DATE BY

# BLM NOTICE

Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM13647

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
CAVE LION 5 TB FEDERAL 1H9. API Well No.  
30-025-4408710. Field and Pool or Exploratory Area  
WC025G05S253534011. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MARATHON OIL PERMIAN LLC

Contact: JENNIFER VAN CUREN

E-Mail: jvancuren@marathonoil.com

3a. Address

5555 SAN FELIPE STREET  
HOUSTON, TX 77056

3b. Phone No. (include area code)

Ph: 713-296-2500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 5 T26S R35E Mer NMP SWSW 185FSL 330FWL

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Subsurface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Marathon Oil Permian LLC request approval to Pool Commingle production on the following wells at a common central tank battery located on the Cave Lion 5 Federal M CTB located in the SWSW, of Sec. 5, T26S, R35E. The facility and both wells are in the same lease and share the same pad.

Cave Lion 5 TB Federal 1H, Lease# NMNM13647, Section 5, SWSW, T26S, R35E, API 30-025-44087

Cave Lion 5 WC Federal 5H, Lease# NMNM13647, Section 5, SWSW, T26S, R35E, API 30-025-44102.

Please see the attached Commingle proposal.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #451006 verified by the BLM Well Information System  
For MARATHON OIL PERMIAN LLC, sent to the Hobbs**

Name (Printed/Typed) JENNIFER VAN CUREN

Title SR REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 01/17/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

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.

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***