

MAY 08 2019 PM03:09

Revised March 23, 2017

RECEIVED: 05/08/2019	REVIEWER: MAM	TYPE: PCL	APP NO: PMA1912854897
-------------------------	------------------	--------------	--------------------------

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:** Flowmaster 15 Fee WD 3H, WA 6H, TB 7H**API:** 30-025-42066; 42230; 34146**Pool:** ANTELOPE RIDGE; WOLFCAMP, RED HILLS; BONE SPRING, NORTH**Pool Code:** 2220; 96434

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☒ PCN☐ 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 holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☐ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ 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.

Jennifer Van Curen

Print or Type Name

Signature

Date

713-296-2500

Phone Number

jvancuren@marathonoil.com

e-mail Address

MAY 08 2019 PM 02:48

Submit 1 Copy To Appropriate District 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

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

Form C-103
 Revised July 18, 2013

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.)		WELL API NO. Multiple
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Marathon Oil Permian LLC		6. State Oil & Gas Lease No.
3. Address of Operator 5555 San Felipe St., Houston, TX 77056		7. Lease Name or Unit Agreement Name Flowmaster 15
4. Well Location Unit Letter <u>D</u> : _____ feet from the _____ line and _____ feet from the _____ line Section <u>15</u> Township <u>24S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number Multiple
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 372098
10. Pool name or Wildcat Multiple		

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: Request to commingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 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 approval to commingle different pools on the lease. The value of the oil and gas will not be affected with the approval of this commingle request. Please see the attached pool commingle request. Wells will be accurately measured with daily measurement at separation. Notices have been mailed to all interest owners.

Wells to be commingled:

Name	Location	API	Pool
Flowmaster 15 WD Fee 3H	D-15-24S-34E (340 FNL & 440 FWL)	30-025-44688	[2220] ANTELOPE RIDGE; WOLFCAMP
Flowmaster 15 WA Fee 6H	D-15-24S-34E (240 FNL & 360 FEL)	30-025-44683	[2220] ANTELOPE RIDGE; WOLFCAMP
Flowmaster 15 TB Fee 7H	D-15-24S-34E (1650 FNL & 660 FEL)	30-025-44685	[96434] RED HILLS; BONE SPRING, NORTH

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 Jennifer Van Curen TITLE Sr. Regulatory Compliance Representative DATE 4/2/2019
 Type or print name Jennifer Van Curen E-mail address: jvancuren@marathonoil.com PHONE: 713-296-2500
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

Process and Flow Descriptions:

The central tank battery is located on the Flowmaster 15 Fee multi-well pad location in Sec 15, T24S, R34E. The production from each well will flow through its own three phase metering separator with a Micro Motion Coriolis Meter to meter the oil, Mag meter to meter the water, and an orifice meter to meter the gas. VRU gas will be allocated back to each well utilizing a percentage of each wells monthly oil production. After the water is measured with the Mag meter, it is combined with the water for the other wells and with any water knockout from the heater treater and sent to the water tanks. The water tanks have guided wave radar level transmitters which can detect oil/water interfaces. If an interface is seen the operator will use the recycle pump to pump this interface and any oil to the heater treater for further processing.

The Flowmaster 15 Fee CTB will have six oil tanks that these three wells will utilize and they have a common CDP, (Central Delivery Point) which is located on site. Oil, gas, and water volumes from each well producing to this battery will be determined by using individual metering allocation separator. Oil sold through a common sales line for tanks (information provided upon receipt).

Oil production will be allocated on a daily basis based on the Coriolis Test meter located downstream of the metering test separator and daily tank gauges and truck LACT. The Coriolis meters will be proven, as per API & NMOCD specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter, the factor obtained will be used to allocate the production volumes. Gas production will be allocated on a daily basis utilizing the gas test meters for each well. The gas production from the wells and the gas test meters will commingle and flow to an allocation meter and then to the CDP sales meter, these meters will be calibrated on a regular basis per API & NMOCD specifications. The OCD will be notified of any future changes in the facilities.

Reasoning:

The flow of produced fluids is shown in detail on the enclosed Flowmaster 15 Fee CTB Process Flow Diagrams along with a description of each vessel. The commingling of this production is the most effective, economic means of producing the reserves and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce the surface facility footprint and overall emissions.

FLOWMASTER FEE 24 34 15 #3H, 6H, 7H CTB



Marathon Oil

W = Water Storage Tank

O = Oil Storage Tank

GB = Gun Barrel Tank

S = Separator

HT = Heater Treater

★ = Well Head

➤ **G = Generator**

coriolis meter

04808th1

SN: 14780823

SN: 14804732

Allocation meters

7609100: NS: 712

2822100:05

64: 54: 0012285

gas sales meter

SN: 0012256

supply gas
N: 0012071

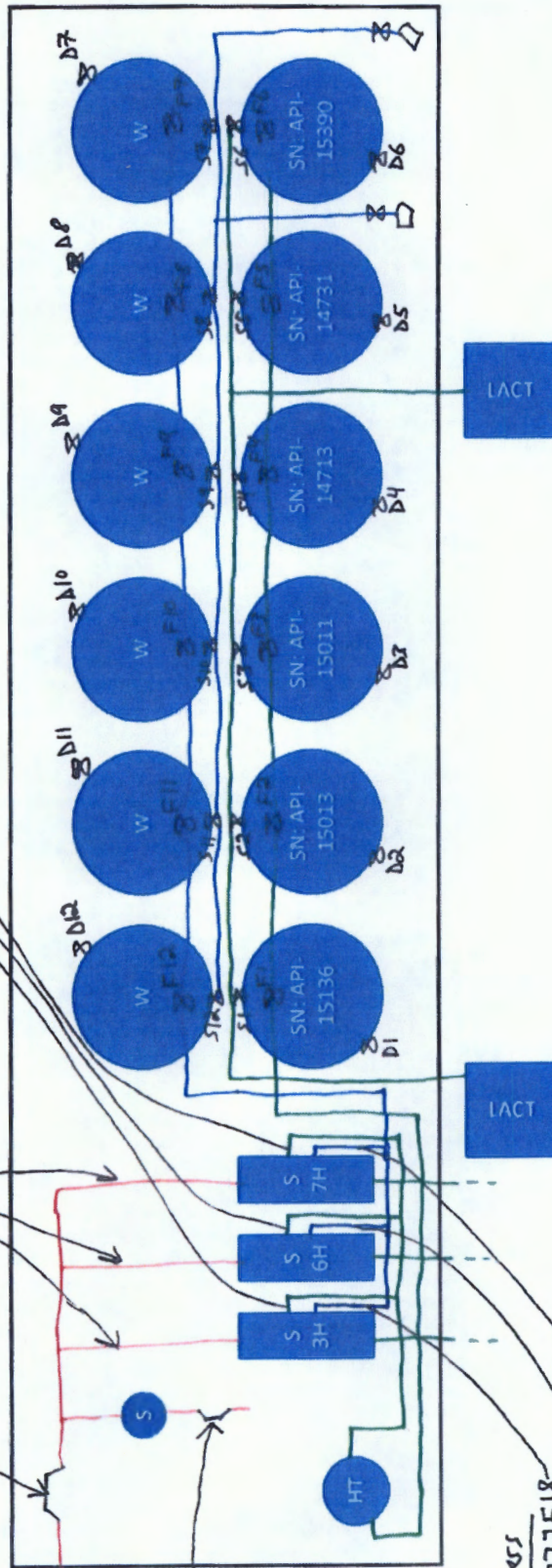
N: 00120+1

water meters

81577518

871 851111:MS H3

011044b1:ns H9

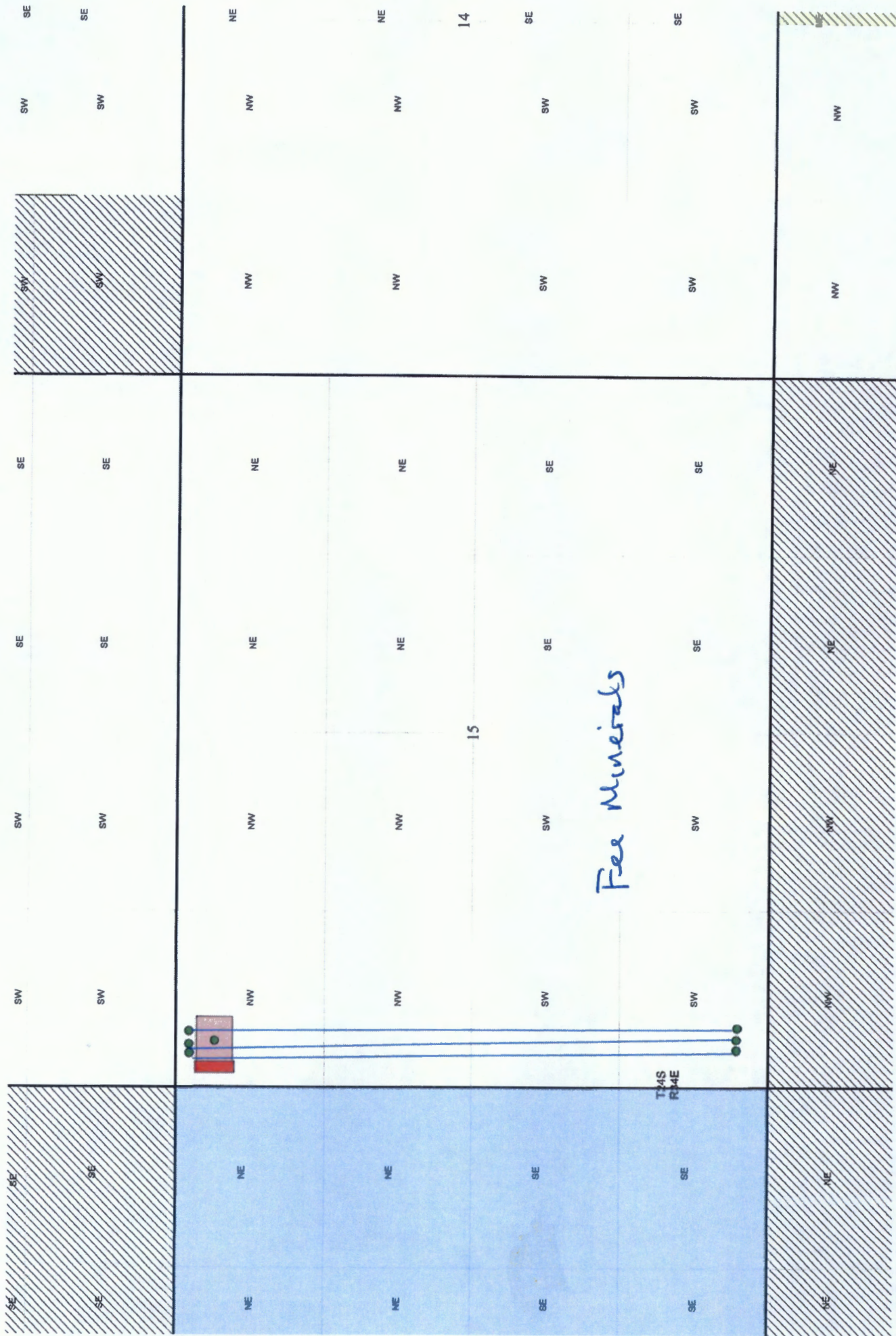


LACT

LACT



Flare



Ryan Gyllenband
Senior Land Professional



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

March 14, 2019

Mr. Michael McMillan
New Mexico Oil Conservation Division
1220 South Francis Drive
Santa Fe, NM 87505

Re: Marathon Oil Permian LLC - Surface Commingling
Flowmaster 15 Fee 3H, 6H, 7H Wells
W/2 of Section 15, T24S-R34E
Lea County, New Mexico

Dear Mr. McMillan,

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 Flowmaster 15 WD Fee #003H well (API# 30-025-44688) located in the Fairview Mills; Flowcamp (Gas) pool (76560), from the Flowmaster 15 WA Fee #006H well (API# 30-025-44683) located in the Antelope Ridge; Wolfcamp pool (2220), and from the Flowmaster 15 TB Fee #007H well (API# 30-025-44685) located in the Red Hills; Bone Spring, North pool (96434), all located in Section 15, T24S-R34E, Lea County, New Mexico. The interest in these three 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 black ink, appearing to read 'R. Gyllenband'.

Ryan Gyllenband
Senior Land Professional
Lea County, New Mexico

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 30-025-44688		² Pool Code 76560		³ Pool Name FAIRVIEW MILLS; WOLFCAMP (GAS)	
⁴ Property Code		⁵ Property Name FLOWMASTER 15 WD FEE			⁶ Well Number 3H
⁷ OGRID No. 372098		⁸ Operator Name MARATHON OIL PERMIAN LLC			⁹ Elevation 3523'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	24S	34E		340	NORTH	440	WEST	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
M	15	24S	34E		1841	SOUTH	328	WEST	LEA

¹² Dedicated Acres 320.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

<p>¹⁶</p> <p>SURFACE HOLE LOCATION 340' FNL 440' FWL SECTION 15 NAD 83, SPCS NM EAST X: 809872.40' / Y: 446261.33' LAT: 32.22385574N / LON: 103.46495627W NAD 27, SPCS NM EAST X: 768687.84' / Y: 446202.44' LAT: 32.22374121N / LON: 103.46448153W</p> <p>KICK OFF POINT/FIRST TAKE POINT 12,981' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 809948.41' / Y: 446502.17' LAT: 32.22452601N / LON: 103.46470420W NAD 27, SPCS NM EAST X: 768763.86' / Y: 446443.27' LAT: 32.22440147N / LON: 103.46422943W</p> <p>LAST TAKE POINT/BOTTOM HOLE LOCATION 16,489' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 809785.30' / Y: 443161.09' LAT: 32.21534638N / LON: 103.46531888W NAD 27, SPCS NM EAST X: 768600.59' / Y: 443102.29' LAT: 32.2152218N / LON: 103.46484466W</p> <p>CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 809430.03' / Y: 446597.39' B - X: 812076.96' / Y: 446621.80' C - X: 812116.74' / Y: 441337.72' D - X: 809472.14' / Y: 441320.58'</p> <p>CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 768245.50' / Y: 446538.50' B - X: 770892.37' / Y: 446562.88' C - X: 770931.89' / Y: 441278.94' D - X: 768287.35' / Y: 441261.83'</p>		<p>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 or 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.</p> <p>Signature: <i>Adrian Covarrubias</i> Date: 1/23/2019 Printed Name: Adrian Covarrubias E-mail Address:</p> <p>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.</p> <p>Date of Survey: <i>1/23/2019</i> Signature and Seal of Professional Surveyor: <i>[Signature]</i> This document is not to be used for construction, recording, or conveyance of the basis for the conveyance of a permit.</p> <p>Certificate Number:</p>	
---	--	---	--

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

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

Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 2220	³ Pool Name ANTELOPE RIDGE; WOLF CAMP
⁴ Property Code	⁵ Property Name FLOWMASTER 15 WA FEE	⁶ Well Number 6H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3523'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	15	T24S	R34E		340	NORTH	390	WEST	LEA

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
M	15	T24S	R34E		155	SOUTH	341	WEST	LEA

¹² Dedicated Acres 320.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

<p>" 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.</p> <p>Signature: <u>Adrian Covarrubias</u> Date: <u>1/31/2019</u></p> <p>Printed Name: _____</p> <p>E-mail Address: _____</p>	
<p>"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.</p> <p>Date of Survey: _____ Signature of Professional Surveyor: _____</p> <p>PRELIMINARY THIS DOCUMENT IS NOT TO BE USED FOR CONVEYANCE, SALE, BIDDING, RECORDATION, OR AS EVIDENCE OF A PERMIT.</p> <p>Certificate Number: _____</p>	

<p>SECTION 9</p> <p>SEC. 16 420' 399' 390'</p> <p>FIRST TAKE 100' 100' 340' KDP</p> <p>(FARTHEST) MEASURED DEPTH = 8.541'</p> <p>SHL</p> <p>(NEAREST) MEASURED DEPTH = 15.615'</p> <p>SEC. 16 341' 2303'</p> <p>SECTION 21 155' 330' LAST TAKE/ BHL</p> <p>CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 809430.03' / Y: 446597.39' B - X: 812076.96' / Y: 446621.80' C - X: 812116.74' / Y: 441337.72' D - X: 809472.14' / Y: 441320.58'</p>		<p>SECTION 10</p> <p>SEC. 15 340' FNL 390' FVL</p> <p>SURFACE HOLE LOCATION NAD 83, SPCS NM EAST X: 809822.40' / Y: 446260.68' LAT: 32.22386507N / LON: 103.46511795W NAD 27, SPCS NM EAST X: 768637.85' / Y: 446201.80' LAT: 32.22374054N / LON: 103.46464320W</p> <p>KICK OFF POINT 8.541' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 809850.93' / Y: 446501.27' LAT: 32.22452570N / LON: 103.46501942W NAD 27, SPCS NM EAST X: 768666.38' / Y: 446442.37' LAT: 32.22440117N / LON: 103.46454464W</p> <p>FIRST TAKE POINT 12.055' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 809829.59' / Y: 446501.07' LAT: 32.22452564N / LON: 103.46508843W NAD 27, SPCS NM EAST X: 768645.04' / Y: 446442.18' LAT: 32.22440111N / LON: 103.46461365W</p> <p>LAST TAKE POINT/BOTTOM HOLE LOCATION 17.240' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 809812.38' / Y: 441478.24' LAT: 32.21072031N / LON: 103.46527526W NAD 27, SPCS NM EAST X: 768627.59' / Y: 441419.48' LAT: 32.21059571N / LON: 103.46480133W</p> <p>CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 768245.50' / Y: 446538.50' B - X: 770892.37' / Y: 446562.88' C - X: 770931.89' / Y: 441278.94' D - X: 768287.35' / Y: 441261.83'</p>	
---	--	--	--

DISTANCES/AREAS RELATIVE TO NAD83 COMBINED SCALE FACTOR: 0.99981187
 CONVERGENCE: 0.43490035'; NOTE: ALL DIMENSIONS IN U.S. FEET

1	01/10/2019	DEF
REV.	DATE	BY

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

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

Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44685	² Pool Code 96434	³ Pool Name RED HILLS, NORTH (BONE SPRING)
⁴ Property Code	⁵ Property Name FLOWMASTER 15 TB FEE	⁶ Well Number 7H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3523'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	T24S	R34E		340	NORTH	340	WEST	LEA

" 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
M	15	T24S	R34E		286	SOUTH	359	WEST	LEA
¹² Dedicated Acres 160.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

<p>SECTION 9</p> <p>KOP/FIRST TAKE POINT</p> <p>281'</p> <p>340'</p> <p>SECTION 16</p> <p>SHL</p> <p>BHL/LAST TAKE POINT</p> <p>359'</p> <p>SECTION 21 D</p>	<p>SECTION 10</p> <p>SECTION 15</p> <p align="center"> SURFACE HOLE LOCATION 340' FNL 340' FWL SECTION 15 NAD 83, SPCS NM EAST X:809772.24' / Y:446260.03' LAT:32.2238644DN / LON:103.46528016W NAD 27, SPCS NM EAST X:768587.69' / Y:446201.15' LAT:32.22373986N / LON:103.46480541W </p> <p align="center"> KICK OFF POINT/FIRST TAKE POINT 11,841' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:809712.21' / Y:446499.99' LAT:32.22452527N / LON:103.46546799W NAD 27, SPCS NM EAST X:768527.67' / Y:446441.10' LAT:32.22440074N / LON:103.46499318W </p> <p align="center"> LAST TAKE POINT/BOTTOM HOLE LOCATION 16,854' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:809829.18' / Y:441608.53' LAT:32.21107805N / LON:103.46521755W NAD 27, SPCS NM EAST X:768644.40' / Y:441549.77' LAT:32.21095345N / LON:103.46474360W </p>	<p>" OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p align="right">1/23/2019</p> <p>Signature _____ Date _____</p> <p>Adrian Covarrubias</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>
	<p align="center"> CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 809430.03' / Y: 446597.39' B - X: 810753.50' / Y: 446609.59' C - X: 810794.44' / Y: 441329.15' D - X: 809472.14' / Y: 441320.58' </p> <p align="center"> CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 768245.50' / Y: 446538.50' B - X: 769568.94' / Y: 446550.68' C - X: 769609.62' / Y: 441270.38' D - X: 768287.35' / Y: 441261.83' </p>	<p>"SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p align="center">PRELIMINARY</p> <p>THIS DOCUMENT IS NOT TO BE USED FOR CONVEYANCE, SALE, BIDDING, RECORDATION, OR ISSUANCE OF A PERMIT.</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>Certificate Number _____</p>

DISTANCES/AREAS RELATIVE TO NAD83 COMBINED SCALE FACTOR: 0.99981187
 CONVERGENCE: 0.43490035; NOTE: ALL DIMENSIONS IN U.S. FEET

REV.	01/22/19	DEF
REV.	DATE	BY

Ryan Gyllenband
Senior Land Professional



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

April 25, 2019

DELIVERED VIA:
Certified Mail

Re: Marathon Oil Permian LLC Application for Surface Commingling
Flowmaster 15 Fee 3H, 6H, 7H Wells
W/2 of Section 15, T24S-R34E
Lea County, New Mexico

To whom it my concern:

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 Flowmaster 15 Fee WD 3H well, located in the W/2 320 acre spacing and proration unit and the Fairview Mills; Wolfcamp (Gas) pool (76560), with the Flowmaster 15 Fee WA 6H well, located in the E/2 320 acre spacing and proration unit and the Antelope Ridge; Wolfcamp (Oil) Pool (2220), and with the Flowmaster 15 Fee TB 7H well, located in the W/2 W/2 160 acre spacing and proration unit and the Red Hills; Bone Spring, North (Oil) Pool (96434) all located in Section 15, T24S-R34E, Lea County, New Mexico.

As an interest owner in these wells, Marathon is required to notify you of this application. Should you have an objection you must file it in writing with the Division no later than 20 days from the date of this letter (the Division's address is 1220 South St. Francis Drive, Santa Fe, NM 87505).

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

Sincerely,

Ryan Gyllenband

Ryan Gyllenband
Senior Land Professional
Lea County, New Mexico

Marathon Oil Permian LLC Application For Surface Commingling
Flowmaster 3H, 6H, 7H Wells

Subject wells:

- Flowmaster 15 WD Fee 3H: API # 30-025-44688
- Flowmaster 15 WA Fee 6H: API # 30-025-44683
- Flowmaster 15 TB Fee 7H: API # 30-025-44685

Well	Name	Address	Address 2	Attention:	FED Ex or Certified Tracking #	Date Certified Mailed:
Flowmaster Fee SC	AMY VICKNAIR	4915 RUSTIC TRL	MIDLAND, TX 79707-1418		91 7199 9991 7037 7428 4507	5/1/2019
Flowmaster Fee SC	BEVERLY B BLAIR	2635 BAMBOO DR	LAKE HAVASU CITY, AZ 86403-3804		91 7199 9991 7037 7422 0512	5/1/2019
Flowmaster Fee SC	BURLINGTON RESOURCES	P O BOX 22295 NETWORK PLACE	CHICAGO, IL 60673-1222		91 7199 9991 7037 7422 0529	5/1/2019
Flowmaster Fee SC	CHERYL KAY VAN BRAMER	103 MESQUITE	TOW, TX 78672-4912		91 7199 9991 7037 7422 0536	5/1/2019
Flowmaster Fee SC	CHEVRON USA INC	P.O. BOX 730436	DALLAS, TX 75373-0436		91 7199 9991 7037 7422 0543	5/1/2019
Flowmaster Fee SC	CHISOS MINERALS LLC	111 BAGBY STREET - SUITE 2150	HOUSTON, TX 77002		91 7199 9991 7037 7422 0550	5/1/2019
Flowmaster Fee SC	CHRIS VAN BRAMER	550 DEER TRL	GORDON, TX 76453-3812		91 7199 9991 7037 7422 0567	5/1/2019
Flowmaster Fee SC	CROOD FUND I LP	1018 N 5TH	ABILENE, TX 79601-5144		91 7199 9991 7037 7422 0574	5/1/2019
Flowmaster Fee SC	DARRELL R ROAN	2931 RIDGE RD STE 101 NO 198	ROCKWALL, TX 75082-6684		91 7199 9991 7037 7422 0581	5/1/2019
Flowmaster Fee SC	DAVID MAX BROWNLEE	2605 APALLOOSA LN	CELINA, TX 75009-4689		91 7199 9991 7037 7422 0598	5/1/2019
Flowmaster Fee SC	DAVID WEST VAN BRAMER	16782 W 86TH DR	ARVADA, CO 80007		91 7199 9991 7037 7422 0604	5/1/2019
Flowmaster Fee SC	DONALD BRUCE THOMPSON	9740 CORRAL DR	KELLER, TX 76248-5621		91 7199 9991 7037 7422 0611	5/1/2019
Flowmaster Fee SC	FORTIS MINERALS II LLC	1111 BAGBY ST STE 2150	HOUSTON, TX 77002		91 7199 9991 7037 7422 0628	5/1/2019
Flowmaster Fee SC	FOUNDATION MINERALS LLC	P.O. BOX 50820	MIDLAND, TX 79710		91 7199 9991 7037 7422 0635	5/1/2019
Flowmaster Fee SC	FREDDIE DON BROWNLEE	627 COLLINS CREEK RD	HALLSVILLE, TX 45650-4053		91 7199 9991 7037 7422 0642	5/1/2019
Flowmaster Fee SC	ILA GRACE NORRIS ESTATE	3707 S BOWEN RD	ARLINGTON, TX 76016-4007		91 7199 9991 7037 7422 0659	5/1/2019
Flowmaster Fee SC	J L BURKE III	8928 MEADOWKNOLL DR	DALLAS, TX 75243-7517		91 7199 9991 7037 7422 0666	5/1/2019
Flowmaster Fee SC	JO RITA OLLIFF	1509 DOUGLAS DR	ODESSA, TX 79762-5762		91 7199 9991 7037 7422 0673	5/1/2019
Flowmaster Fee SC	JOEL R BEZINQUE	P.O. BOX 607	BLANCO, TX 78606-0607		91 7199 9991 7037 7422 0680	5/1/2019
Flowmaster Fee SC	JOHN AND THERESA HILLMAN	P.O. BOX 50187	MIDLAND, TX 79710-0187		91 7199 9991 7037 7422 0697	5/1/2019
Flowmaster Fee SC	KATHRYN D ROAN	1450 VZ COUNTY ROAD 3412	WILLS POINT, TX 75169-7821		91 7199 9991 7037 7422 0703	5/1/2019
Flowmaster Fee SC	LLANO NATURAL RESOURCES LLC	P.O. BOX 65318	LUBBOCK, TX 79464-5318		91 7199 9991 7037 7422 0710	5/1/2019
Flowmaster Fee SC	LUXE MINERALS LLC	6500 RIVER PLACE BLVD STE 5-150	AUSTIN, TX 78730-1177		91 7199 9991 7037 7422 0727	5/1/2019
Flowmaster Fee SC	MARILYN BURKE SALTER	20031 82ND AVE W	EDMONDS, WA 98026-6720		91 7199 9991 7037 7422 0734	5/1/2019
Flowmaster Fee SC	MAVROS MINERALS I LLC	P.O. BOX 50820	MIDLAND, TX 79710		91 7199 9991 7037 7422 0741	5/1/2019
Flowmaster Fee SC	MIDLAND AOG PARTNERS LTD	P.O. BOX 793	MIDLAND, TX 79702		91 7199 9991 7037 7422 0758	5/1/2019
Flowmaster Fee SC	MO OIL LLC	P.O. BOX 429	ROSWELL, NM 88202-0429		91 7199 9991 7037 7422 0765	5/1/2019
Flowmaster Fee SC	MRC PERMIAN COMPANY	ONE LINCOLN CENTRE	DALLAS, TX 75240-1017		91 7199 9991 7037 7422 0772	5/1/2019
Flowmaster Fee SC	NANCY BURKE FARMER	5136 E 35TH ST	TULSA, OK 74135-5218		91 7199 9991 7037 7422 0789	5/1/2019
Flowmaster Fee SC	OAK VALLEY MINERAL AND LAND LP	P.O. BOX 50820	MIDLAND, TX 79710		91 7199 9991 7037 7422 0796	5/1/2019
Flowmaster Fee SC	OHIO STATE UNIVERSITY	190 N OVAL MALL	COLUMBUS, OH 43210-1321		91 7199 9991 7037 7422 0802	5/1/2019
Flowmaster Fee SC	PHOEBE TARPEY	P.O. BOX 2189	BOERNE, TX 78006-2189		91 7199 9991 7037 7422 0819	5/1/2019
Flowmaster Fee SC	ROSS DUNCAN PROPERTIES LLC	P.O. BOX 647	ARTESIA, NM 88211-0647		91 7199 9991 7037 7422 0826	5/1/2019
Flowmaster Fee SC	SOUTHWESTERN BAPTIST	P.O. BOX 840350	DALLAS, TX 75284-0350		91 7199 9991 7037 7422 0833	5/1/2019
Flowmaster Fee SC	TEXAS TECH FOUNDATION INC	P.O. BOX 41081	LUBBOCK, TX 79409-1081		91 7199 9991 7037 7422 0840	5/1/2019
Flowmaster Fee SC	THOMAS WILEY NEAL III REV TR	5926 5825 RD	OLATHE, CO 81425		91 7199 9991 7037 7422 0857	5/1/2019
Flowmaster Fee SC	TRACE ENGEL	18206 BLUEWATER COVE DR	HUMBLE, TX 77346-6160		91 7199 9991 7037 7422 0864	5/1/2019
Flowmaster Fee SC	UNIVERSITY OF THE SOUTHWEST	6610 N LOVINGTON HWY	HOBBS, NM 88240		91 7199 9991 7037 7422 0871	5/1/2019
Flowmaster Fee SC	VIPER ENERGY PARTNERS LLC	9400 N BROADWAY SUITE 700	OKLAHOMA CITY, OK 73114		91 7199 9991 7037 7422 0888	5/1/2019
Flowmaster Fee SC	WEST TEXAS A AND M UNIVERSITY	301 TARRROW ST 6TH FL	COLLEGE STATION, TX 77840-7896		91 7199 9991 7037 7422 0895	5/1/2019
Flowmaster Fee SC	WOODGEN LLC	13945 N HIGHWAY 183 STE D190	AUSTIN, TX 78717-5920		91 7199 9991 7037 7422 0901	5/1/2019
Flowmaster Fee SC	Y-20 III LLC	1018 N 5TH	ABILENE, TX 79601-5144		91 7199 9991 7037 7422 0918	5/1/2019
Flowmaster Fee SC	YAKKA III LLC	P.O. BOX 2078	ABILENE, TX 79604		91 7199 9991 7037 7422 0925	5/1/2019

Flowmaster 3H

Year	Sum(ALLOCATEDOILPRODUCTION)	Sum(ALLOCATEDGASPRODUCTION)	Sum(ALLOCATEDWATERPRODUCTION)
3/1/2019	2968	24019	82782
4/1/2019	3993	30198	46559
5/1/2019	860	7313	10450
Cum	7822	61530	

Flowmaster 6H

Year	Sum(ALLOCATEDOILPRODUCTION)	Sum(ALLOCATEDGASPRODUCTION)	Sum(ALLOCATEDWATERPRODUCTION)
3/1/2019	22320	37686	56823
4/1/2019	22102	35405	44710
5/1/2019	3026	4557	6300
Cum	47448	77648	

Flowmaster 7H

Year	Sum(ALLOCATEDOILPRODUCTION)	Sum(ALLOCATEDGASPRODUCTION)	Sum(ALLOCATEDWATERPRODUCTION)
3/1/2019	15647	26275	76791
4/1/2019	11235	16983	46467
5/1/2019	4034	5776	14926
Cum	30916	49034	