

# Initial Application Part I

Received: 08/30/2019

*This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete*

RECEIVED: <b>08/30/2019</b>	REVIEWER: <b>MAM</b>	TYPE: <b>PC</b>	APP NO: <b>pMAM1924234997</b>
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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:** Dogie Draw 14 Federal Com (TB 1H, WA 2H, AV 24H) **API:** 30-025-45092, 45093, 45091  
**Pool:** Fairview Mills; Bone Spring, Pitchfork Ranch; Wolfcamp South (oil) **Pool Code:** 96340, 96994

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

**PC-1368**

**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.

Jennifer Van Curen

Print or Type Name

Jennifer Van Curen  
 Signature

6/10/19

Date

713-296-2500

Phone Number

jvancuren@marathonoil.com

e-mail Address

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

Form C-103  
 Revised July 18, 2013

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 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 Dogie Draw 14 Federal Com
4. Well Location Unit Letter <u>L</u> : _____ feet from the _____ line and _____ feet from the _____ line Section <u>14</u> Township <u>25S</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

<b>NOTICE OF INTENTION TO:</b> 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 commingle <input checked="" type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> 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: <b>PC-1368</b> <input type="checkbox"/>
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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 pool commingle. The value of the oil and gas will not be affected with the approval of this commingle request. Please see the attached 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
Dogie Draw 14 WA Federal Com 2H	L-14-25S-34E (2600' FSL 596' FWL)	30-025-45093	Pitchfork Ranch; Wolfcamp, South (Oil) (96994)
Dogie Draw 14 AV Federal Com 24H	L-14-25S-34E (2600' FSL 656' FWL)	30-025-45091	Red Hills; Bone Spring, East (97369)
Dogie Draw 14 TB Federal Com 1H	L-14-25S-34E (2600' FSL 626' FWL)	30-025-45091	Red Hills; Bone Spring, East (97369)

Spud Date:

Rig Release Date:

Recommend signature by the Director. Subject like approval BLM. MAM

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

SIGNATURE  TITLE CTR - Technician HES DATE 8/26/2019

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

**Marathon Oil Permian LLC is requesting approval for the Proposal for Dogie Draw 14 Federal Com 290-8 CTB Pool Commingle and Off Lease, Storage, and Sales at a Central Tank Battery:**

### Federal Lease NM-136221

Well Name	Location	API #	Pool; Formation	Oil		GAS	
				BOPD	Gravities	MCFPD	BTU
Dogie Draw 14 WA Federal Com 2H	Sec. 14-T25S-R34E	30-025-45093	Pitchfork Ranch; Wolfcamp S.	1000	42.7	900	1352
Dogie Draw 14 TB Federal Com 1H	Sec. 14-T25S-R34E	30-025-45091	Red Hills; Bone Spring East	800	43.0	1500	1330
Dogie Draw 14 AV Federal Com 24H	Sec. 14-T25S-R34E	30-025-44102	Red Hills; Bone Spring East	800	43.0	1500	1330

The attached map shows the federal leases and well locations in Section 14-T25S-R34E. The CTB resides on a different lease as the hydrocarbons produced from the wells. Working, royalty, and overriding interest owners are identical. The NMOCD has been sent a copy of the proposal for approval.

The BLM's interest in all wells has identical royalty rates of 12.5% and acreage. 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 co-located with the Dogie Draw and Ender Wiggins wells location, but on the lease for the Ender Wiggins. There are eight 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 (\*pending) which is planned on the SWSW, Sec. 14, T25S, R34E. 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.

Dogie Draw 14 WA Federal Com 2H oil allocation meter consists of a Micro Motion Coriolis meter (SN-\*pending).

Dogie Draw 14 TB Federal Com 1H oil allocation meter consists of a Micro Motion Coriolis meter (SN-\*pending).

Dogie Draw 14 AV Federal Com 24H oil allocation meter consists of a Micro Motion Coriolis meter (SN-\*pending).

Oil allocation meters will be proven per API & NMOCD specifications as follows:

- Installation
- Monthly for the first three (3) months
- Quarterly thereafter

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

Dogie Draw 14 WA Federal Com 2H gas allocation meter consists of an orifice meter (SN-\*pending).

Dogie Draw 14 TB Federal Com 1H gas allocation meter consists of an orifice meter (SN-\*pending).

Dogie Draw 14 AV Federal Com 24H gas allocation meter consists of an orifice meter (SN-\*pending).

Gas allocation meters will be calibrated as per API & NMOCD specifications as follows

- Installation
- Every six (6) months thereafter

The BLM and OCD will be notified of any future changes in the facilities.

### Process and Flow Descriptions:

The Dogie Draw 14 WA Federal Com 2H, Dogie Draw 14 TB Federal Com 1H, & Dogie Draw 14 AV Federal Com 24H well pad has a tank battery that both wells will utilize and they have a common CDP #(\*pending) which is planned on the east side of the CTB well pad at the Dogie Draw 14 Federal Com 290-8 CTB. Oil, gas and water volumes from each well producing to this battery will be 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.

The flow of produced fluids is shown in detailed proposed CTB on Exhibit C 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.

A central tank battery is located at the Dogie Draw 14 WA Federal Com 2H, Dogie Draw 14 TB Federal Com 1H, & Dogie Draw 14 AV Federal Com 24H on federal lease NMNM-136221 & 132944 in Lea County, New Mexico. A CA has been applied for. The production from the three wells be routed to the CTB where each well will have its own separator for measurement and a common heater treater. 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-\*pending). 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 (\*pending) located in Section 14 on east side of pad.

**\*meter information will be provided in an updated site facility diagram at the time of completion of construction activities.**

Signed: Jennifer Van Curen

Printed Name:

Title: Sr. Regulatory Compliance Rep

Date:

## Economic Justification Worksheet Madera 19 Federal

Economic for lease

Federal lease MNM093223 Royalty Rate 12.5%

Well Name	BOPD	Oil gravity @ 60 deg	Value / bbl	MCFPD	Dry BTU	Value / mcf
Madera 19 TB Federal 1H	1000	42.7	52.34	900	1352	3.156
Madera 19 WA Federal 2H	800	43.0	52.34	1500	1330	3.156
Madera 19 WB Federal 5H	800	43.0	52.34	1500	1330	3.156
Madera 19 WXY Federal 6H	800	43.0	52.34	1500	1330	3.156

Economic Combined Production

Well Name	BOPD	Oil gravity @ 60 deg	Value / bbl	MCFPD	Dry BTU	Value / mcf
Madera 19 Federal 363-1 CTB	3400	42.9	52.34	5400	1348	3.156

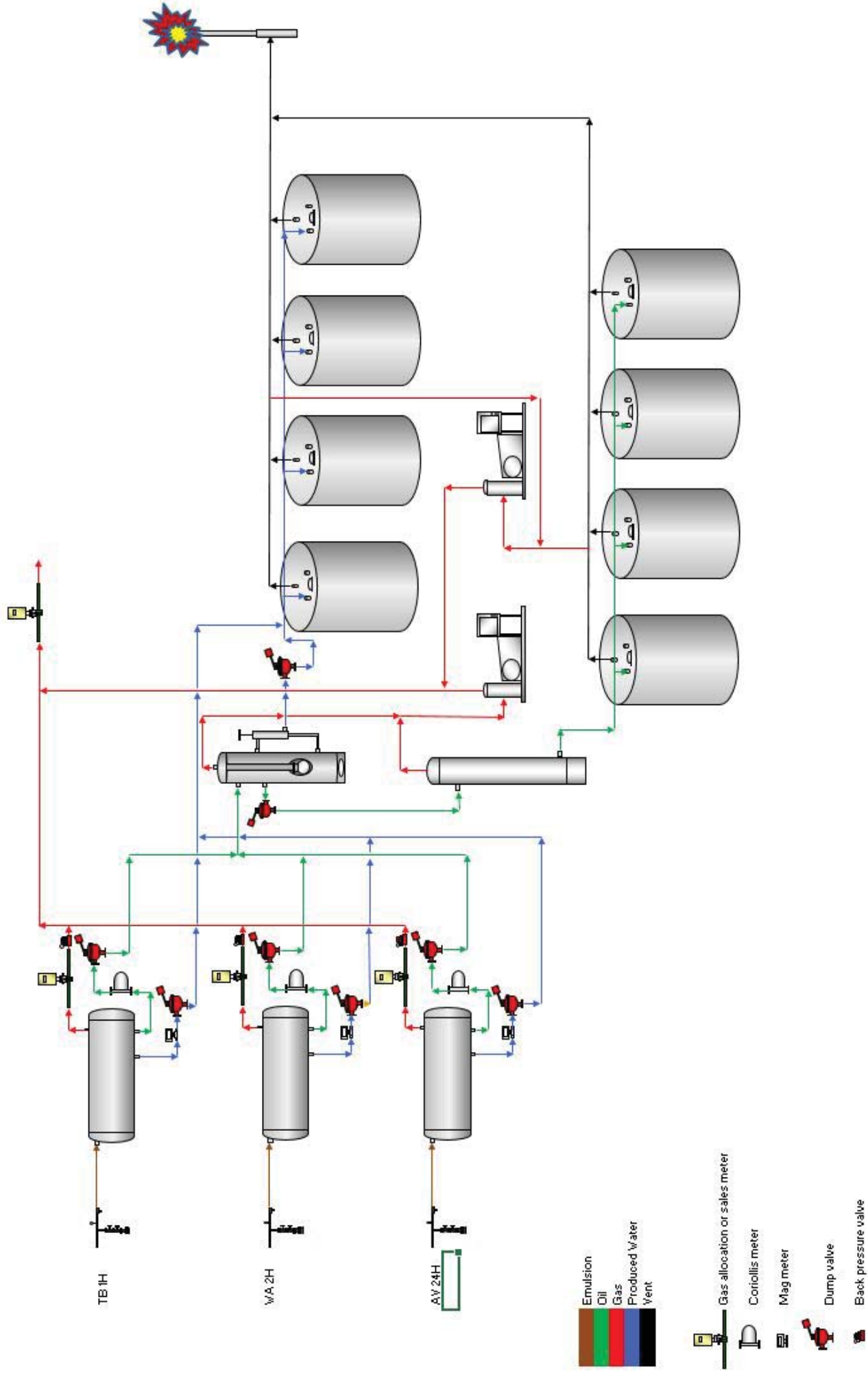
By combining the production of these leases, the royalty value will not be affected due to the contract Marathon has with the purchaser; which states that they will purchase all oil and gas at one price regardless of variance in API gravity for oil or BTU for gas.

Signed: *Jennifer Van Curen*  
 Printed Name: Jennifer Van Curen  
 Title: Sr. Regulatory Compliance Rep  
 Date: 5/16/18

Weighted averages for economic value

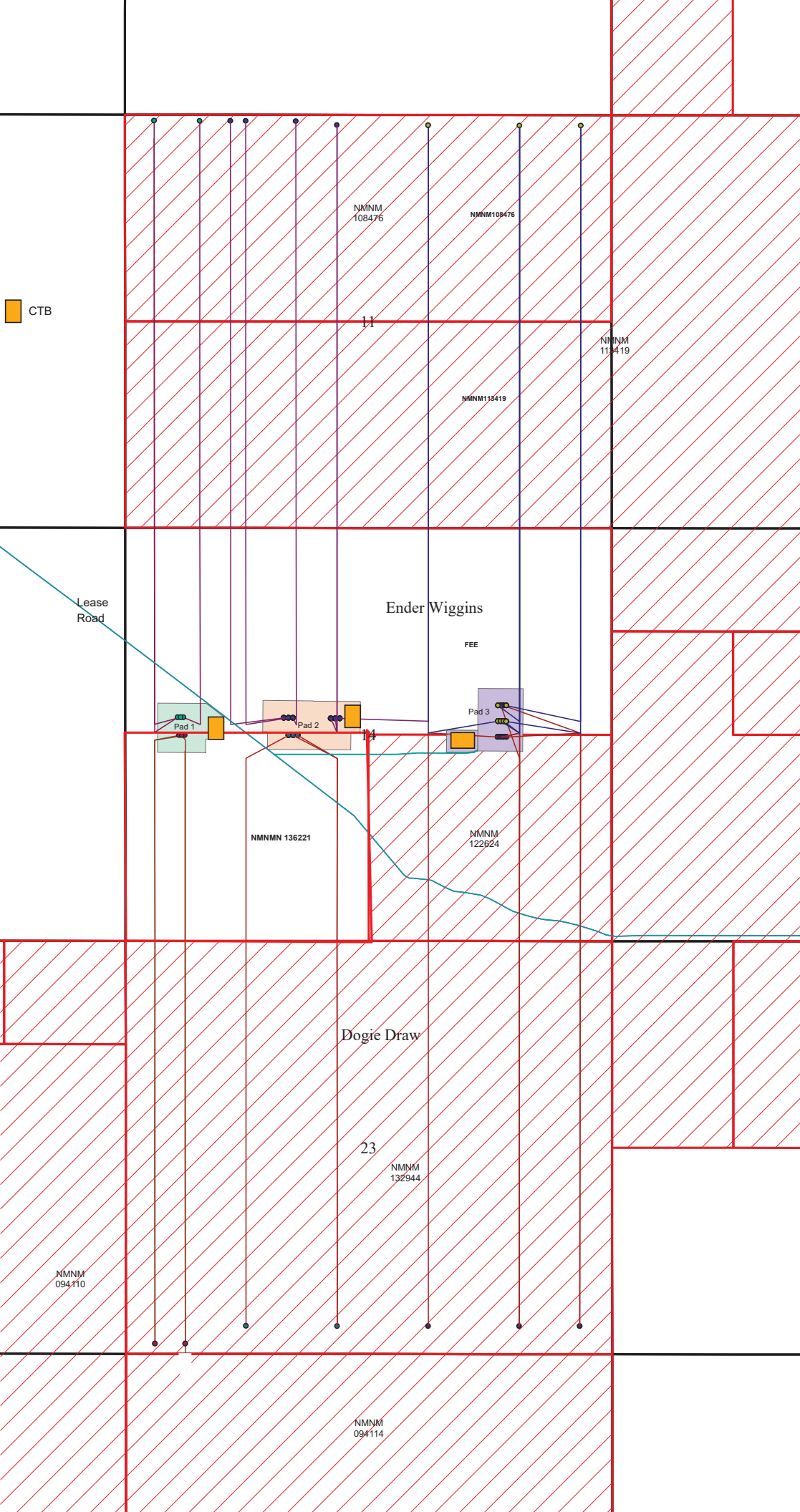
1H oil	1000/42.7	42,700	145,900	42.9 API
2H oil	800/43	34,400		
5H oil	800/43	34,400		
6H oil	800/43	34,400		
1H gas	900/1352	1,216,800	7,201,800	1348 BTU
2H gas	1500/1330	1,995,000		
5H gas	1500/1330	1,995,000		
6H gas	1500/1330	1,995,000		

# Facility Diagram





# Lease Map



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  
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1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
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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 30-025-45093	<sup>2</sup> Pool Code 96994	<sup>3</sup> Pool Name PITCHFORK RANCH; WOLFCAMP, SOUTH (OIL)
<sup>4</sup> Property Code	<sup>5</sup> Property Name DOGIE DRAW 14 WA FC	<sup>6</sup> Well Number 2H
<sup>7</sup> OGRID No. 372098	<sup>8</sup> Operator Name MARATHON OIL PERMIAN LLC	<sup>9</sup> Elevation 3331'

**<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
L	14	T25S	R34E		2600	SOUTH	596	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
M	23	T25S	R34E		101	SOUTH	322	WEST	LEA

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
240.00			

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><b>CORNER COORDINATES</b> NAD 83, SPCS NM EAST A - Y: 412337.42' / X: 814995.83' B - Y: 412344.69' / X: 816317.85' C - Y: 404427.05' / X: 816384.72' D - Y: 404420.39' / X: 815062.26'</p>	<p><b>CORNER COORDINATES</b> NAD 27, SPCS NM EAST A - Y: 412279.40' / X: 773809.51' B - Y: 412286.66' / X: 775131.51' C - Y: 404369.23' / X: 775198.00' D - Y: 404362.58' / X: 773875.56'</p>	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b> 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: <i>[Signature]</i> Date: 7/22/2019</p> <p>Printed Name: Adrian Covarrubias</p> <p>E-mail Address:</p>	
	<p><b>SURFACE HOLE LOCATION</b> 2600' FSL 596' FWL, SECTION 14 NAD 83, SPCS NM EAST X: 815592.32 / Y: 412301.07 LAT:32.13039422N / LON:103.44736562W NAD 27, SPCS NM EAST X: 774405.99 / Y: 412243.05 LAT:32.13026894N / LON:103.44689742W</p>	<p><b>KICK OFF POINT</b> 8,483' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 815326.79' / Y: 412264.05' LAT:32.13029850N / LON:103.44822426W NAD 27, SPCS NM EAST X: 774140.48' / Y: 412206.00' LAT:32.13017321N / LON:103.44775606W</p>		<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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:</p> <p>Signature and Seal of Professional Surveyor:</p>
	<p><b>FIRST TAKE POINT</b> 12,165' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 815309.49' / Y: 412239.10' LAT:32.13023030N / LON:103.44828083W NAD 27, SPCS NM EAST X: 774123.18' / Y: 412181.05' LAT:32.13010503N / LON:103.44781260W</p>	<p><b>LAST TAKE/BHL</b> 20,179' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 815383.00' / Y: 404523.29' LAT:32.10902079N / LON:103.44824811W NAD 27, SPCS NM EAST X: 774196.32' / Y: 404465.44' LAT:32.1088954N / LON:103.44778117W</p>		
	<p>1 04/17/2019 DEF</p> <p>REV. DATE BY</p>			

**PRELIMINARY**  
THIS DOCUMENT IS NOT TO BE USED FOR CONVEYANCE, SALE, OR RECORDATION, WITHOUT THE SIGNATURE OF A PERMIT.

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
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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 30-025-45091	<sup>2</sup> Pool Code 97369	<sup>3</sup> Pool Name RED HILLS; BONE SPRING; EAST
<sup>4</sup> Property Code	<sup>5</sup> Property Name DOGIE DRAW 14 AV FC	<sup>6</sup> Well Number 24H
<sup>7</sup> OGRID No. 372098	<sup>8</sup> Operator Name MARATHON OIL PERMIAN LLC	<sup>9</sup> Elevation 3330'

<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
L	14	T25S	R34E		2600	SOUTH	656	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
M	23	T25S	R34E		101	SOUTH	320	WEST	LEA

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
240.00			

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> 		<p>CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 412337.42' / X: 814995.83' B - Y: 412344.68' / X: 816317.87' C - Y: 404427.05' / X: 816384.72' D - Y: 404420.39' / X: 815062.26'</p> <p>CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 412279.37' / X: 773809.53' B - Y: 412286.62' / X: 775131.55' C - Y: 404369.19' / X: 775198.01' D - Y: 404362.55' / X: 773875.58'</p> <p>SURFACE HOLE LOCATION 2600' FSL 656' FWL, SECTION 14 NAD 83, SPCS NM EAST Y: 412301.07' / X: 815652.32' LAT:32.13039287N / LDN:103.44717181W NAD 27, SPCS NM EAST Y: 412243.01' / X: 774466.00' LAT:32.13026759N / LDN:103.44670362W</p> <p>KICK OFF POINT 8,626' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST Y: 412264.75' / X: 815428.27' LAT:32.13029810N / LDN:103.44789646W NAD 27, SPCS NM EAST Y: 412206.70' / X: 774241.96' LAT:32.13017284N / LDN:103.44742826W</p> <p>FIRST TAKE POINT 9,081' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST Y: 412239.76' / X: 815430.03' LAT:32.13022937N / LDN:103.44789144W NAD 27, SPCS NM EAST Y: 412181.71' / X: 774243.72' LAT:32.13010411N / LDN:103.44742324W</p> <p>LAST TAKE/BHL 17,027' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST Y: 404523.13' / X: 815381.08' LAT:32.10902037N / LDN:103.44825428W NAD 27, SPCS NM EAST Y: 404465.28' / X: 774194.40' LAT:32.10889500N / LDN:103.44778737W</p>	<p><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.</p> <p>Signature:  Date: 7/22/2019</p> <p>Printed Name: Adrian Covarrubias</p> <p>E-mail Address:</p>
<p><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.</p> <p>Date of Survey:</p> <p>Signature and Seal of Professional Surveyor:</p>		<p>CERTIFICATE NUMBER</p>	

1 03/18/2019 DEF  
REV. DATE BY

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<sup>4</sup> Property Code	<sup>5</sup> Property Name DOGIE DRAW 14 TB FC	<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 3330'

<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
L	14	T25S	R34E		2600	SOUTH	626	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
M	23	T25S	R34E		101	SOUTH	662	WEST	LEA

<sup>12</sup> Dedicated Acres 240.00	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<p>CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 814995.83' / Y: 412337.42' B - X: 816317.87' / Y: 412344.68' C - X: 816384.72' / Y: 404427.05' D - X: 815062.26' / Y: 404420.39'</p> <p>CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 773809.53' / Y: 412279.37' B - X: 775131.55' / Y: 412286.62' C - X: 775198.01' / Y: 404369.19' D - X: 773875.58' / Y: 404362.55'</p> <p>SURFACE HOLE LOCATION 2600' FSL 626' FWL, SECTION 14 NAD 83, SPCS NM EAST X: 815622.32' / Y: 412301.07' LAT:32.13039356N / LON:103.44726870W NAD 27, SPCS NM EAST X: 774436.00' / Y: 412243.02' LAT:32.13026828N / LON:103.44680051W</p> <p>KICK OFF POINT 2,000' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 815620.77' / Y: 412301.46' LAT:32.13039467N / LON:103.44727368W NAD 27, SPCS NM EAST X: 774434.46' / Y: 412243.41' LAT:32.13026939N / LON:103.44680550W</p> <p>FIRST TAKE POINT 11,734' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 815657.00' / Y: 412240.99' LAT:32.13022764N / LON:103.44715827W NAD 27, SPCS NM EAST X: 774470.68' / Y: 41218294' LAT:32.13010236N / LON:103.44669010W</p> <p>LAST TAKE/BHL 19,890' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 815723.00' / Y: 404524.72' LAT:32.10901704N / LON:103.44715007W NAD 27, SPCS NM EAST X: 774536.31' / Y: 404466.87' LAT:32.10889163N / LON:103.44668319W</p>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>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: <i>Adrian Covarrubias</i> Date: 7/22/2019</p> <p>Printed Name: Adrian Covarrubias</p> <p>E-mail Address:</p>	<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>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: _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p>Certificate Number: _____</p>	

LR 2000

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
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01 12-22-1987;101STAT1330;30USC181 ET SEQ  
Case Type 312021: O&G LSE COMP PD -1987  
Commodity 459: OIL & GAS  
Case Disposition: AUTHORIZED

Total Acres:  
400.000

Serial Number  
NMNM 122624

Name & Address						Serial Number: NMNM-- 122624
						Int Rel      % Interest
EOG RESOURCES INC	PO BOX 2267	MIDLAND	TX	79702	LESSEE	100.000000000

								Serial Number: NMNM-- 122624			
Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0250S	0340E	014		ALIQ			SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0250S	0340E	022		ALIQ			NWNE,N2NW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0250S	0340E	024		ALIQ			NWNE,E2NW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands Serial Number: NMNM-- 122624

				Serial Number: NMNM-- 122624
Act Date	Act Code	Action Txt	Action Remarks	Pending Off
02/26/2009	387	CASE ESTABLISHED	200904035;	
04/07/2009	299	PROTEST FILED	W ENVR LAW CENTER	
04/22/2009	143	BONUS BID PAYMENT RECD	\$800.00;	
04/22/2009	191	SALE HELD		
04/22/2009	267	BID RECEIVED	\$20000.00;	
05/01/2009	143	BONUS BID PAYMENT RECD	\$19200.00;	
05/08/2009	298	PROTEST DISMISSED	W ENVR LAW CENTER	
05/26/2009	237	LEASE ISSUED		
06/01/2009	496	FUND CODE	05;145003	
06/01/2009	530	RLTY RATE - 12 1/2%		
06/01/2009	868	EFFECTIVE DATE		
06/16/2009	974	AUTOMATED RECORD VERIF	BCO	
04/04/2012	140	ASGN FILED	GONZALES/EOG RESOU;1	
07/19/2012	139	ASGN APPROVED	EFF 05/01/12;	
07/19/2012	974	AUTOMATED RECORD VERIF	LR	
12/05/2018	246	LEASE COMMITTED TO CA	NMNM 139647;	
05/31/2019	763	EXPIRES		



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Line Number	Remark Text	Serial Number: NMNM-- 122624
0002	STIPULATIONS ATTACHED TO LEASE:	
0003	NM-11-LN SPECIAL CULTURAL RESOURCE	
0004	SENM-S-17 SLOPES OR FRAGILE SOILS	
0005	RENTAL PAID TO ONRR FROM 06/01/12 THRU 05/31/13	

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01 12-22-1987;101STAT1330;30USC181 ET SEQ  
Case Type 312021: O&G LSE COMP PD -1987  
Commodity 459: OIL & GAS  
Case Disposition: AUTHORIZED

Total Acres:  
160.000

Serial Number  
NMNM 136221

Serial Number: NMNM-- 136221						
Name & Address				Int Rel	% Interest	
MARATHON OIL PERMIAN LLC	5555 SAN FELIPE ST	HOUSTON	TX	770562701	LESSEE	100.000000000
MARATHON OIL PERMIAN LLC	5555 SAN FELIPE ST	HOUSTON	TX	770562701	OPERATING RIGHTS	0.000000000

										Serial Number: NMNM-- 136221	
Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0250S	0340E	014		ALIQ			SW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- 136221

Serial Number: NMNM-- 136221				
Act Date	Act Code	Action Txt	Action Remarks	Pending Off
04/20/2016	387	CASE ESTABLISHED	201609013;	
05/20/2016	299	PROTEST FILED	CENTER BIO DIVERSITY;	
05/20/2016	299	PROTEST FILED	WILDEARTH GUARDIANS;	
09/01/2016	143	BONUS BID PAYMENT RECD	\$320.00;	
09/01/2016	191	SALE HELD		
09/01/2016	267	BID RECEIVED	\$4640000.00;	
09/14/2016	143	BONUS BID PAYMENT RECD	\$4639680.00;	
04/26/2017	298	PROTEST DISMISSED	WILDEARTH GUARDIANS;	
04/26/2017	298	PROTEST DISMISSED	CENTER BIO DIVERSTY;	
04/27/2017	237	LEASE ISSUED		
04/27/2017	974	AUTOMATED RECORD VERIF	MJD	
05/01/2017	496	FUND CODE	05;145003	
05/01/2017	530	RLTY RATE - 12 1/2%		
05/01/2017	868	EFFECTIVE DATE		
07/06/2017	140	ASGN FILED	CROWN OIL/MARATHON;1	
07/06/2017	932	TRF OPER RGTS FILED	CROWN OIL/MARATHON;1	
09/15/2017	139	ASGN APPROVED	EFF 08/01/17;	
09/15/2017	933	TRF OPER RGTS APPROVED	EFF 08/01/17;	
09/19/2017	974	AUTOMATED RECORD VERIF	JA	

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Serial Number: NMNM-- 136221

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
04/30/2027	763	EXPIRES		

Line Number	Remark Text	Serial Number: NMNM-- 136221
0002	STIPULATIONS ATTACHED TO LEASE:	
0003	SENM-S-22 PRAIRIE CHICKENS	
0004	SENM-S-34 ZONE 3 - POD	
0005	NM-11-LN SPECIAL CULTURAL RESOURCE	
0006	09/15/2017 - SEE OPERATING RIGHTS WORKSHEET;	

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01 12-22-1987;101STAT1330;30USC181 ET SEQ  
Case Type 312021: O&G LSE COMP PD -1987  
Commodity 459: OIL & GAS  
Case Disposition: AUTHORIZED

Total Acres:  
640.000

Serial Number  
NMNM 132944

						Serial Number: NMNM-- 132944	
Name & Address						Int Rel	% Interest
MARATHON OIL PERMIAN LLC	5555 SAN FELIPE ST	HOUSTON	TX	770562701	LESSEE		100.000000000
MARATHON OIL PERMIAN LLC	5555 SAN FELIPE ST	HOUSTON	TX	770562701	OPERATING RIGHTS		0.000000000

										Serial Number: NMNM-- 132944	
Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0250S	0340E	023		ALL			ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- 132944

				Serial Number: NMNM-- 132944	
Act Date	Act Code	Action Txt	Action Remarks	Pending Off	
04/16/2014	387	CASE ESTABLISHED	201407021;		
07/16/2014	143	BONUS BID PAYMENT RECD	\$1280.00;		
07/16/2014	191	SALE HELD			
07/16/2014	267	BID RECEIVED	\$9600000.00;		
07/29/2014	143	BONUS BID PAYMENT RECD	\$9598720.00;		
09/17/2014	237	LEASE ISSUED			
09/17/2014	974	AUTOMATED RECORD VERIF	BTM		
10/01/2014	496	FUND CODE	05;145003		
10/01/2014	530	RLTY RATE - 12 1/2%			
10/01/2014	868	EFFECTIVE DATE			
07/06/2017	140	ASGN FILED	CROWN OIL/MARATHON;1		
07/06/2017	932	TRF OPER RGTS FILED	CROWN OIL/MARATHON;1		
09/26/2017	139	ASGN APPROVED	EFF 08/01/17;		
09/26/2017	933	TRF OPER RGTS APPROVED	EFF 08/01/17;		
09/27/2017	974	AUTOMATED RECORD VERIF	JA		
09/30/2024	763	EXPIRES			

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BUREAU OF LAND MANAGEMENT  
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Line Number	Remark Text	Serial Number: NMNM-- 132944
0002	STIPULATIONS ATTACHED TO LEASE:	
0003	NM-11-LN SPECIAL CULTURAL RESOURCES	
0004	SENM-S-22 PRAIRIE CHICKENS	
0005	SENM-S-34 ZONE 3 - POD	
0006	09/26/2017 - RENTAL PAID 10/01/2016 - 09/30/2017;	
0007	09/26/2017 - SEE OPERATING RIGHTS WORKSHEET;	

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

June 12, 2019

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

Re: Marathon Oil Permian LLC - Surface Commingling  
Dogie Draw 14 Federal Com (TB 1H, WA 2H, AV 24H)  
Sections 14 & 23, T25S-R34E  
Lea County, New Mexico

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 Dogie Draw 14 Federal Com TB 1H well (API# 30-025-45092), Dogie Draw 14 Federal Com WA 2H well (API# 30-025-45093), and the Dogie Draw 14 Federal Com AV 24H well (API# 30-025-45091), all located in Sections 14 & 23, T25S-R34E, Lea County, New Mexico. There was no compulsory pooling completed for these wells. The interest in all four 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 'R. Gyllenband', written over a horizontal line.

Ryan Gyllenband  
Land Supervisor  
Lea County, New Mexico

C-107/notifications not  
required since all  
interests are identical in  
each completion