

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-103

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

SEP 21 2017

Revised July 18, 2013

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-015-44069                                                                        |
| RECEIVED<br>Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |
| 7. Lease Name or Unit Agreement Name<br>BLACK RIVER 15 10 STATE COM X                               |
| 8. Well Number 6H                                                                                   |
| 9. OGRID Number<br>372098                                                                           |
| 10. Pool name or Wildcat<br>PURPLE SAGE, WOLF CAMP BSA                                              |

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 STREET  
HOUSTON, TX 77056

4. Well Location  
Unit Letter N : 170 feet from the SOUTH line and 2310 feet from the WEST line  
Section 15 Township 24S Range 27E NMPM County EDDY

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:

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

### 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 RESPECTFULLY WISHES TO MAKE THE FOLLOWING CHANGES TO THIS WELL:

SHL - (SEE ATTACHED C-102) FROM N-15-24S-27E, 170' FSL 2310' FWL TO P-15-24S-27E, 2701' FSL 1040' FWL

BHL - (SEE ATTACHED C-102) FROM D-10-24S-27E, 240' FNL 2310' FWL TO A-10-24S-27E, 330' FNL 987' FWL

DEDICATED ACREAGE - (SEE ATTACHED C-102) FROM 640 ACRES WEST 1/2 OF SEC 10 & 15 TO 640 ACRES EAST 1/2 OF SEC 10 & 15

TARGET FORMATION & POOL - (SEE ATTACHED C-102) FROM PURPLE SAGE, WOLF CAMP TO WILLOW LAKE, WEST, BONE SPRING

CEMENT AND CASING -

| Type  | Hole Size | Casing Size | Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|-------|-----------|-------------|-----------|---------------|-----------------|---------------|
| Surf  | 17.5      | 13.375      | 54.5      | 440           | 500             | 0             |
| Int1  | 12.25     | 9.625       | 40        | 2300          | 800             | 0             |
| Int2  | 8.75      | 7.625       | 29.7      | 9500          | 1450            | 0             |
| Prod  | 6.75      | 5.5         | 23        | 9400          | 200             | 7700          |
| Liner | 6.75      | 4.5         | 13.5      | 19100         | 1200            | 9400          |

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 Melissa Szudera TITLE REGULATORY COMPLIANCE REP DATE SEPTEMBER 18, 2017

Type or print name MELISSA SZUDERA E-mail address: MSZUDERA@MARATHONOIL.COM PHONE: (713) 296-3179

For State Use Only

APPROVED BY: Raymond B. Bessy TITLE Geologist DATE 9-21-17

Conditions of Approval (if any):

ARTESIA DISTRICT

SEP 21 2017

RECEIVED

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

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1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                         |                                                             |                                 |                                                          |                                 |
|-----------------------------------------|-------------------------------------------------------------|---------------------------------|----------------------------------------------------------|---------------------------------|
| <sup>1</sup> API Number<br>30-015-44069 |                                                             | <sup>2</sup> Pool Code<br>96415 | <sup>3</sup> Pool Name<br>WILLOW LAKE, WEST; BONE SPRING |                                 |
| <sup>4</sup> Property Code              | <sup>5</sup> Property Name<br>BLACK RIVER 15-10 STATE COM X |                                 |                                                          | <sup>6</sup> Well Number<br>6H  |
| <sup>7</sup> OGRID No.<br>372098        | <sup>8</sup> Operator Name<br>MARATHON OIL PERMIAN LLC      |                                 |                                                          | <sup>9</sup> Elevation<br>3232' |

### <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 |
| P             | 15      | T24S     | R27E  |         | 270'          | SOUTH            | 1040'         | EAST           | EDDY   |

## " 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             | 10      | T24S     | R27E  |         | 330'          | NORTH            | 987'          | EAST           | EDDY   |

|                                      |                               |                                  |                         |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>320 | <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.

| SECTION 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | SECTION 3                                                                                                                                                                                                                               |  | SECTION 2                                                        |  | SECTION 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>SECTION 9</b><br><b>LAST TAKE POINT/BOTTOM HOLE LOCATION</b><br>330° FNL 987' FEL, SECTION 10<br>NAD 83, SPCS NH EAST<br>Y:450379.20 / X:590838.27<br>LAT:32.2306693N / LON:104.1732323W<br>NAD 27, SPCS NH EAST<br>Y:450620.87 / X:549655.51<br>LAT:32.23794707N / LON:104.17275553W                                                                                                                                                                                                                                                                |  | <b>SECTION 10</b><br>BHL / LAST TAKE POINT<br>151.168' N 08.11100 N<br>4.8716' E<br>PRODUCING AREA                                                                                                                                      |  | <b>SECTION 2</b><br><b>SECTION 11</b><br>987'                    |  | <b>PROFESSOR OPERATOR CERTIFICATION</b><br>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 a leased 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 the owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order, as the same is entered by the applicable law.<br>Signature: <u>[Signature]</u> Date: <u>9/19/2017</u><br>Printed Name: <u>Melissa Sanchez</u><br>E-mail Address: <u>msanchez@marathonoil.com</u> |  |
| <b>SECTION 9</b><br><b>SECTION 16</b><br><b>FIRST TAKE POINT</b><br>330° FSL 1040' FEL, SECTION 15<br>NAD 83, SPCS NH EAST<br>Y:440461.51 / X:590838.22<br>LAT:32.21080426N / LON:104.17329965W<br>NAD 27, SPCS NH EAST<br>Y:440405.37 / X:549645.28<br>LAT:32.2108404N / LON:104.17280357W<br><b>SURFACE HOLE LOCATION</b><br>270° FSL 1040' FEL, SECTION 15<br>NAD 83, SPCS NH EAST<br>Y:440430.25 / X:590838.21<br>LAT:32.21063930N / LON:104.17329994W<br>NAD 27, SPCS NH EAST<br>Y:440342.11 / X:549649.27<br>LAT:32.21051908N / LON:104.17280386W |  | <b>SECTION 10</b><br><b>SECTION 15</b><br>330°<br>N 08.1536° E 4.9656'<br>39.945' E<br><b>FIRST TAKE POINT</b><br>SHL                                                                                                                   |  | <b>SECTION 11</b><br><b>SECTION 14</b><br>330°<br>1040'<br>1040' |  | <b>SURVEYOR CERTIFICATION</b><br>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.<br>SEPTEMBER 19, 2017<br>Date of Survey<br>Signature and Seal of Professional Surveyor: <u>[Signature]</u><br>Certificate Number: <u>21653</u><br>LLOYD P. SHORT, 21653                                                                                                                                                                                                                                                                                            |  |
| <b>SECTION 16</b><br><b>SECTION 21</b><br><b>CORNER COORDINATES</b><br>NAD 83, SPCS NH EAST<br>A - Y: 450716.23 / X: 590508.11<br>B - Y: 450680.80 / X: 591823.83<br>C - Y: 440114.54 / X: 591868.86<br>D - Y: 440135.88 / X: 590580.75                                                                                                                                                                                                                                                                                                                 |  | <b>SECTION 15</b><br><b>SECTION 22</b><br><b>CORNER COORDINATES</b><br>NAD 27, SPCS NH EAST<br>A - Y: 450657.90 / X: 549325.36<br>B - Y: 450630.45 / X: 550641.05<br>C - Y: 440564.39 / X: 550685.09<br>D - Y: 440687.75 / X: 549317.01 |  | <b>SECTION 14</b><br><b>SECTION 23</b>                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |