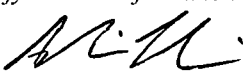


JUL 27 2018

| Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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-105 Revised April 3, 2017 | | | | | | | | | | |
|---|------------------------------------|---|------------------------|--|---|--|--|---|----------|---------------|----------------|-------------------------------|------------------|----------------------------------|--|-------------------------|
| | | 1. WELL API NO. 30-015-44505 | | 2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN | | 3. State Oil & Gas Lease No. | | | | | | | | | | |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | | | | | | | |
| 4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) | | | | 5. Lease Name or Unit Agreement Name BLACK RIV 374 STATE 24 27 15 WA 6. Well Number: 8H | | | | | | | | | | | | |
| 7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER | | | | | | | | | | | | | | | | |
| 8. Name of Operator Marathon Oil Permian LLC | | | | 9. OGRID 372098 | | | | | | | | | | | | |
| 10. Address of Operator 5555 San Felipe St., Houston, TX 77056 | | | | 11. Pool name or Wildcat PURPLE SAGE; WOLFCAMP | | | | | | | | | | | | |
| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County | | | | | | |
| Surface: | N | 15 | 24S | 27E | | 271 | S | 1906 | W | EDDY | | | | | | |
| BH: | C | 15 | 24S | 27E | | 286 | N | 2295 | W | EDDY | | | | | | |
| 13. Date Spudded 2/20/2018 | 14. Date T.D. Reached 3/29/2018 | 15. Date Rig Released 3/31/2018 | | | 16. Date Completed (Ready to Produce) 7/7/2018 | | | 17. Elevations (DF and RKB, RT, GR, etc.) 3223' GR | | | | | | | | |
| 18. Total Measured Depth of Well 13,914' / 9235 | | 19. Plug Back Measured Depth | | 20. Was Directional Survey Made? Yes | | | 21. Type Electric and Other Logs Run MUD GR | | | | | | | | | |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name 9,686' - 13,798'; WOLFCAMP | | | | | | | | | | | | | | | | |
| 23. CASING RECORD (Report all strings set in well) | | | | | | | | | | | | | | | | |
| CASING SIZE | | WEIGHT LB./FT. | | DEPTH SET | | HOLE SIZE | | CEMENTING RECORD | | AMOUNT PULLED | | | | | | |
| 13 3/8" | | 54.5 | | 532' | | 17 1/2" | | 545 | | 276 | | | | | | |
| 9 5/8" | | 36 | | 2,325' | | 12 1/4" | | 870 | | 195 | | | | | | |
| 7" | | 29 | | 9,665' | | 8 3/4" | | 905 | | 137 | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 24. LINER RECORD | | | | | | | | | | | | | | | | |
| SIZE | TOP | BOTTOM | SACKS CEMENT | | SCREEN | | 25. TUBING RECORD | | | | | | | | | |
| 4 1/2" | 8,576' | 13,910' | 532 H | | | | | | | | | | | | | |
| 1.125 PWD 13.5 | | | | | | | | | | | | | | | | |
| 26. Perforation record (interval, size, and number) 9,686' - 13,798'; 0.36"; 810 shots | | | | | | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>9,686' - 13,798'</td> <td>8,952, 136 lbs - 40/70; 100 Mesh</td> </tr> <tr> <td></td> <td>470 bbls - 15% HCL Acid</td> </tr> </table> | | | | | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | 9,686' - 13,798' | 8,952, 136 lbs - 40/70; 100 Mesh | | 470 bbls - 15% HCL Acid |
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | | | | | | | | | | | | | | | |
| 9,686' - 13,798' | 8,952, 136 lbs - 40/70; 100 Mesh | | | | | | | | | | | | | | | |
| | 470 bbls - 15% HCL Acid | | | | | | | | | | | | | | | |
| 28. PRODUCTION | | | | | | | | | | | | | | | | |
| Date First Production 7/10/2018 | | Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing | | | | Well Status (Prod. or Shut-in) Producing | | | | | | | | | | |
| Date of Test 7/20/2018 | Hours Tested 24 | Choke Size 64 | Prod'n For Test Period | Oil - Bbl 488 | Gas - MCF 2136 | Water - Bbl 4800 | Gas - Oil Ratio | | | | | | | | | |
| Flow Tubing Press. 0 | Casing Pressure 925 | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API - (Corr.) | | | | | | | | | | |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold | | | | | | | | 30. Test Witnessed By | | | | | | | | |
| 31. List Attachments | | | | | | | | | | | | | | | | |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. | | | | | | | | 33. Rig Release Date: | | | | | | | | |
| 34. If an on-site burial was used at the well, report the exact location of the on-site burial: | | | | | | | | | | | | | | | | |
| Latitude _____ Longitude _____ NAD83 | | | | | | | | | | | | | | | | |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief | | | | | | | | | | | | | | | | |
| Signature  | | Printed Name Adrian Covarrubias | | Title CTR - Technician HES | | | Date 7/23/2018 | | | | | | | | | |
| E-mail Address acovarrubias@marathonoil.com | | | | | | | | | | | | | | | | |

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico | | Northwestern New Mexico | |
|-------------------------|------------------|-------------------------|------------------|
| T. Anhy | T. Canyon | T. Ojo Alamo | T. Penn A" |
| T. Salt | T. Strawn | T. Kirtland | T. Penn. "B" |
| B. Salt | T. Atoka | T. Fruitland | T. Penn. "C" |
| T. Yates | T. Miss | T. Pictured Cliffs | T. Penn. "D" |
| T. 7 Rivers | T. Devonian | T. Cliff House | T. Leadville |
| T. Queen | T. Silurian | T. Menefee | T. Madison |
| T. Grayburg | T. Montoya | T. Point Lookout | T. Elbert |
| T. San Andres | T. Simpson | T. Mancos | T. McCracken |
| T. Glorieta | T. McKee | T. Gallup | T. Ignacio Otzte |
| T. Paddock | T. Ellenburger | Base Greenhorn | T.Granite |
| T. Blinebry | T. Gr. Wash | T. Dakota | |
| T.Tubb | T. Delaware Sand | T. Morrison | |
| T. Drinkard | T. Bone Springs | T.Todilto | |
| T. Abo | T. | T. Entrada | |
| T. Wolfcamp | T. | T. Wingate | |
| T. Penn | T. | T. Chinle | |
| T. Cisco (Bough C) | T. | T. Permian | |

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness In Feet | Lithology |
|------|----|----------------------|-----------|
| | | | |

| From | To | Thickness In Feet | Lithology |
|------|----|----------------------|-----------|
| | | | |

Geological Tops

BLACK RIVER 374 STATE 24 27 15 WA 8H

| | |
|------------------------------|------|
| Surface | 0 |
| Salado | 661 |
| Castile | 661 |
| Base Salt | 2173 |
| Lamar | 2313 |
| Delaware Sands (Bell Canyon) | 2384 |
| Cherry Canyon | 3138 |
| Brushy Canyon | 4229 |
| Bone Spring | 5785 |
| FBSG Sand | 6782 |
| SBSG Sand | 7345 |
| TBSG Sand | 8700 |
| Wolfcamp | 9072 |

JUL 27 2018



Wellbore Schematic

Well Name: BLACK RIVER 374 STATE 24 27 15 WA 8H

DISTRICT II-ARTESIA O.C.D.

| | | | | | | |
|---------------------------------------|--------------------------------|---------------------------|-----------------------------------|----------------------------------|---------------------------|------------------------------|
| State/Province NEW MEXICO | Prospect Area MALAGA | Field Name PURPLE SAGE | Well Subtype | Lat/Long Datum NAD27 | Latitude (°) 32.210692 | Longitude (°) -104.180489 |
| Well Configuration Type HORIZONTAL | Well Objective EXPLOITATION | Well Status COMPLETION | Ground Elevation (ft) 3,520.00 | KB-Ground Distance (ft) 26.50 | | |

HORIZONTAL - BLACK RIVER 374 STATE 24 27 15 WA 8H, 4/13/2018 10:39:05 AM

| MD (ftKB) | TVD (ftKB) | Incl (°) | Vertical schematic (actual) | |
|--------------|------------|----------|-----------------------------|---|
| 25.5 | 26.6 | 0.6 | | No.:1, Des: Conductor 1; OD:20.000 in; ID:19.000 in; Depth MD:26.5-66.5 ftKB; Length:40.00 ft |
| 27.5 | 27.6 | 0.6 | | |
| 27.9 | 27.9 | 0.6 | | |
| 28.9 | 28.9 | 0.6 | | |
| 29.5 | 29.5 | 0.6 | | |
| 30.3 | 30.8 | 0.6 | | |
| 39.4 | 39.4 | 0.6 | | |
| 66.6 | 66.6 | 0.6 | | |
| 72.2 | 72.2 | 0.6 | | |
| 487.3 | 487.3 | 1.9 | | |
| 488.6 | 488.6 | 1.9 | | |
| 530.5 | 530.2 | 1.7 | | |
| 531.9 | 531.9 | 1.7 | | |
| 532.5 | 532.2 | 1.7 | | |
| 2,279.3 | 2,279.3 | 0.5 | | |
| 2,280.6 | 2,280.6 | 0.5 | | |
| 2,322.3 | 2,322.3 | 0.8 | | |
| 2,323.9 | 2,323.9 | 0.9 | | |
| 2,333.8 | 2,333.8 | 0.9 | | |
| 8,558.3 | 8,558.3 | 1.2 | | |
| 8,567.4 | 8,567.4 | 1.2 | | |
| 8,586.1 | 8,586.1 | 1.1 | | No.:2, Des: Surface; OD:13.375 in; ID:12.615 in; Depth MD:29.0-532.0 ftKB; Length:503.04 ft |
| 8,587.1 | 8,587.1 | 1.1 | | |
| 8,592.4 | 8,592.4 | 1.1 | | |
| 8,594.0 | 8,594.0 | 1.1 | | |
| 8,614.0 | 8,614.0 | 1.2 | | |
| 9,256.7 | 9,256.7 | 81.0 | | |
| 9,256.9 | 9,256.9 | 81.1 | | |
| 9,265.3 | 9,265.3 | 88.0 | | |
| 9,265.4 | 9,265.4 | 88.2 | | |
| 9,236.0 | 9,236.0 | 90.5 | | |
| 9,236.0 | 9,236.0 | 90.6 | | |
| 9,235.2 | 9,235.2 | 90.7 | | |
| 9,235.2 | 9,235.2 | 90.7 | | |
| 9,235.2 | 9,235.2 | 90.7 | | |

Directions to Well: FROM THE INTERSECTION OF U.S. HIGHWAY 62 WEST GREENE STREET AND U.S. 180 W/U.S. 62 W/S. CANAL STREET IN CARLSBAD, NEW MEXICO. TRAVEL SOUTH ON U.S. 62 W/S. CANAL STREET FOR 2.0 MILES TO SLIGHT LEFT ONTO U.S. 285 SOUTH. TRAVEL SOUTH ON U.S. 285 SOUTH FOR 11.2 MILES TO HIGBY HOLE ROAD ON THE RIGHT. TRAVEL SOUTH ON HIGBY HOLE ROAD FOR 3.3 MILES TO A BLACK RIVER VILLAGE ROAD ON THE RIGHT. TRAVEL WEST ON BLACK RIVER VILLAGE ROAD FOR 3.2 MILES TO A LEASE ROAD ON THE LEFT. TRAVEL SOUTHWEST ON THE LEASE ROAD FOR 1.4 MILES TO A LEASE ROAD ON THE LEFT. TRAVEL SOUTH ON LEASE ROAD FOR 0.5 MILES TO PROPOS.