

| Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 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. 30-025-43610 | | | | | | | | | | | | | | | | |
| | | 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 GRAMA RIDGE 8 STATE | | | | | | | | | | | | |
| | | | | | | 6. Well Number: 5H | | | | | | | | | | | | |
| 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 GRAMA RIDGE; BONE SPRINGS, WEST | | | | | | | | | | | | |
| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County | | | | | | | | |
| Surface: | O | 8 | 22S | 34E | | 250 | FSL | 1995 | FEL | LEA | | | | | | | | |
| BH: | B | 8 | 22S | 34E | | 331 | FNL | 2256 | FEL | LEA | | | | | | | | |
| 13. Date Spudded 8/6/2017 | 14. Date T.D. Reached 8/20/2017 | | 15. Date Rig Released 8/23/2017 | | 16. Date Completed (Ready to Produce) 12/25/2017 | | 17. Elevations (DF and RKB, RT, GR, etc.) 3536' GL | | | | | | | | | | | |
| 18. Total Measured Depth of Well 15,044' | | | 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 Second Bone Spring 10402 - 14880 | | | | | | | | | | | | | | | | | | |
| 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 | | 1,675' | | 17 1/2" | | 1700 sks | | 650 sks | | | | | | | | |
| 9 5/8" | | 40 | | 5,017' | | 12 1/4" | | 1872 | | 3.5 | | | | | | | | |
| 5 1/2" | | 20 | | 15,025 | | 8 3/4" | | 2340 | | 0 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 24. LINER RECORD | | | | | | | | | | | | | | | | | | |
| SIZE | TOP | | BOTTOM | | SACKS CEMENT | | SCREEN | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 25. TUBING RECORD | | | | | | | | | | | | | | | | | | |
| SIZE | DEPTH SET | | PACKER SET | | | | | | | | | | | | | | | |
| | 2 7/8" | | 10295' | | 10280' | | | | | | | | | | | | | |
| 26. Perforation record (interval, size, and number) 10,402' - 14,880' ; 3 shots/ft; 0.36", 930 total 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>10,402' - 14,880'</td> <td>11,219,140 lbs - 30/50; 100 Mesh</td> </tr> <tr> <td></td> <td>1,035 bbls - HCl Acid</td> </tr> <tr> <td></td> <td></td> </tr> </table> | | | | | | | | | | | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | 10,402' - 14,880' | 11,219,140 lbs - 30/50; 100 Mesh | | 1,035 bbls - HCl Acid | | |
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | | | | | | | | | | | | | | | | | |
| 10,402' - 14,880' | 11,219,140 lbs - 30/50; 100 Mesh | | | | | | | | | | | | | | | | | |
| | 1,035 bbls - HCl Acid | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 28. PRODUCTION | | | | | | | | | | | | | | | | | | |
| Date First Production 12/26/2018 | | Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing | | | | Well Status (Prod. or Shut-in) Producing | | | | | | | | | | | | |
| Date of Test 1/11/2018 | Hours Tested 24 | Choke Size 64 | Prod'n For Test Period | Oil - Bbl 715 | Gas - MCF 1404 | Water - Bbl. 1710 | Gas - Oil Ratio | | | | | | | | | | | |
| Flow Tubing Press. 0 | Casing Pressure 550 | 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 <i>Jennifer Van Curen</i> | | Printed Name Jennifer Van Curen | | Title Sr. Regulatory Compliance | | | Date 3/14/2018 | | | | | | | | | | | |
| E-mail Address jvancuren@marathonoil.com | | | | | | | | | | | | | | | | | | |

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|-------------------------|-------------------------|
| Southeastern New Mexico | Northwestern New Mexico |
|-------------------------|-------------------------|

| 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 | |

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

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.....

| From | To | Thickness | Lithology | From | To | Thickness | Lithology |
|------|----|-----------|-----------|------|----|-----------|-----------|
|------|----|-----------|-----------|------|----|-----------|-----------|

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

Geological Tops

Gramma Ridge 8 State 3H

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|------------------------------|-------|
| Surface | 0 |
| Rustler | 1617 |
| Salado | 1854 |
| Base Salt | 3544 |
| Lamar | 4961 |
| Delaware Sands (Bell Canyon) | 5131 |
| Cherry Canyon | 6032 |
| Brushy Canyon | 7101 |
| Bone Spring | 8574 |
| FBSG Sand | 9605 |
| SBSG Sand | 10175 |