

RECEIVED

JUN 11 2019

DISTRICT ARTESIA O.C.D.

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
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

1. WELL API NO. 30-015-44849
2. Type of Lease
 STATE FEE FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
 COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
 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
MARINER FEE 23 28 20 WA
6. Well Number:
19
1H

7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR 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: | O | 18 | 23S | 28E | | 665 | S | 1763 | E | EDDY |
| BH: | O | 19 | 23S | 28E | | 285 | S | 2313 | E | EDDY |

| | | | | |
|--|------------------------------------|---|--|--|
| 13. Date Spudded 4/30/2019 | 14. Date T.D. Reached 6/11/2018 | 15. Date Rig Released 6/14/2018 | 16. Date Completed (Ready to Produce) 4/22/2019 | 17. Elevations (DF and RKB, RT, GR, etc.) 3066' |
| 18. Total Measured Depth of Well 14625 / 9476 | 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
9940' - 14549' ; 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 / J55 | 441' | 17 1/2" | 620 C | |
| 9 5/8" | 36 / J55 | 2438' | 12 1/4" | 700 C | |
| 7" | 29 / P110IC | 9601' | 8 3/4" | 780 C | |
| L 4.50" | 13.5 P110 | 8787' / 14615' | 10.125" | 560 C | |

24. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|--------|-------|--------|--------------|--------|--------|-----------|------------|
| 4 1/2" | 8787' | 14615' | 560 | | 2.875" | 8677' | 8669' |

25. TUBING RECORD

| 26. Perforation record (interval, size, and number) | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |
|---|---|
| 9940' - 14549' ; 0.36", 696 shots | DEPTH INTERVAL |
| | AMOUNT AND KIND MATERIAL USED |
| | 9940' - 14549' 11,489,590 lbs - 40/70; 100 Mesh |
| | 11,813 gal - 15% HCl Acid |

28. PRODUCTION

| | | |
|------------------------------------|--|---|
| Date First Production 4/24/2019 | Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing | Well Status (Prod. or Shut-in) Producing |
|------------------------------------|--|---|

| | | | | | | | |
|---------------------------|--------------------|------------------|------------------------|-------------------|-------------------|---------------------|-----------------|
| Date of Test 4/30/2019 | Hours Tested 24 | Choke Size 64 | Prod'n For Test Period | Oil - Bbl 1325 | Gas - MCF 3995 | Water - Bbl 4240 | Gas - Oil Ratio |
|---------------------------|--------------------|------------------|------------------------|-------------------|-------------------|---------------------|-----------------|

| | | | | | | |
|---------------------------|-------------------------|-------------------------|-----------|-----------|-------------|-----------------------------|
| Flow Tubing Press. 900 | Casing Pressure 1350 | 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

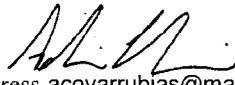
31. List Attachments

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:

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 6/10/2019
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. 3, from.....to.....
 No. 2, 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

Mariner Fee 23 28 30 WA 1H

| | |
|------------------------------|------|
| Surface | 0 |
| Lamar | 2473 |
| Delaware Sands (Bell Canyon) | 2493 |
| Cherry Canyon | 3235 |
| Brushy Canyon | 4440 |
| Bone Spring | 6025 |
| Wolfcamp | 9260 |