

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Alamosa, NM 88210FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | | | | | | | |
|---|-----------------------------|--|----------------------|---|----------------------|---|-----------------------|--|---|---|--|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | | | | 5. Lease Serial No. NM - 07260 | | | | | |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____ | | | | | | 6. If Indian, Allottee or Tribe Name | | | | | |
| 2. Name of Operator MARATHON OIL COMPANY | | | | | | 7. Unit or CA Agreement Name and No. INDIAN HILLS UNIT NM 70964A | | | | | |
| 3. Address MARATHON OIL COMPANY P.O. BOX 3487 HOUSTON, TX 77253-3487 | | | | | | 8. Lease Name and Well No. INDIAN HILLS UNIT 59 | | | | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE Lot A 1117FNL 641FEL At top prod interval reported below Sec 21 T21S R24E Mer NMP SWNE Lot E 2280FNL 384FWL At total depth NWSW Lot L 2273FSL 743FWL | | | | | | 9. API Well No. 30-015-33759 SI | | | | | |
| 14. Date Spudded 12/01/2004 | | | | | | 15. Date T.D. Reached 01/06/2005 | | 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/26/2005 | | 17. Elevations (DF, KB, RT, GL)* 4149 GL | |
| 18. Total Depth: MD 10575 TVD 10246 | | 19. Plug Back T.D.: MD 10485 TVD 10158 | | 20. Depth Bridge Plug Set: MD 8744 TVD 8475 | | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL LATERLOG / SPECTRAL DENSITY | | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) | | | |
| 23. Casing and Liner Record (Report all strings set in well) | | | | | | | | | | | |
| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled | | |
| 12.375 | 9.625 K55 | 40.0 | 0 | 1820 | | 1425 | | CIR | | | |
| 8.750 | 7.000 K55 | 26.0 | 0 | 8968 | 6796 | 1200 | | CIR | | | |
| 6.125 | 4.500 L80 | 11.6 | 8768 | 10574 | | 220 | | CAL | | | |
| 24. Tubing Record | | | | | | | | | | | |
| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | | | |
| 2.875 | 8653 | | | | | | | | | | |
| 25. Producing Intervals | | | | | | | | | | | |
| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status | | | | | |
| A) UPPER PENN | 8063 | 8492 | 8063 TO 8492 | 0.410 | 1532 | OPEN | | | | | |
| B) | | | | | | | | | | | |
| C) | | | | | | | | | | | |
| D) | | | | | | | | | | | |
| 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. | | | | | | | | | | | |
| Depth Interval | Amount and Type of Material | | | | | | | | | | |
| 8063 TO 8492 | 77,600 GALS CCA SOUR ACID | | | | | | | | | | |
| 28. Production - Interval A | | | | | | | | | | | |
| Date First Produced 01/27/2005 | Test Date 02/03/2005 | Hours Tested 24 | Test Production → | Oil BBL 133.0 | Gas MCF 678.0 | Water BBL 1959.0 | Oil Gravity Corr. API | Gas Gravity | Production Method ELECTRIC PUMP SUB-SURFACE | | |
| Choke Size SI | Tbg. Press. Flwg. 230 | Csg. Press. 220.0 | 24 Hr. Rate → | Oil BBL 133 | Gas MCF 678 | Water BBL 1959 | Gas:Oil Ratio 5097 | Well Status PGW | ACCEPTED FOR RECORD FEB 16 2005 ALEXIS C. SWOBODA PETROLEUM ENGINEER | | |
| 28a. Production - Interval B | | | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method | | |
| Choke Size SI | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | | | |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #54057 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |

28c. Production - Interval D

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
CAPTURED

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top |
|-----------|-----|--------|------------------------------|------------------|-------------|
| | | | | | Meas. Depth |
| | | | | QUEEN | 469 |
| | | | | SAN ANDRES | 1180 |
| | | | | GLORIETA | 2876 |
| | | | | YESO | 3060 |
| | | | | BONE SPRING LIME | 5405 |
| | | | | WOLFCAMP | 7347 |
| | | | | CISCO | 8032 |
| | | | | STRAWN | 8740 |

32. Additional remarks (include plugging procedure):

Additional Formation Markers

Atoka 9483
Morrow 9800
Mississippian 10168

Logs, Directional Survey, and a well bore diagram will be mailed to the BLM's Roswell office.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #54057 Verified by the BLM Well Information System.
For MARATHON OIL COMPANY, sent to the Carlsbad

Name (please print) CHARLES E KENDRIXTitle ENGINEERING TECHNICIANSignature (Electronic Submission)Date 02/14/2005

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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