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|---|--|--|------------------------|---|-----------------------------|--|-------------------------------|--|----------|---------------|
| Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, 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 July 17, 2008 | | | | | |
| | | 1. WELL API NO. 30-15-27486 | | | | | | | | |
| | | 2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN | | | | | | | | |
| | | 3. State Oil & Gas Lease No E-10083 | | | | | | | | |
| 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 INDIAN HILLS STATE COM | | | | | | |
| | | | | 6. Well Number <div style="text-align: right; font-size: 1.2em;">#8</div> <div style="text-align: right; font-size: 1.5em; font-weight: bold;">AUG 28 2008</div> <div style="text-align: right; font-weight: bold;">OCD-ARTESIA</div> | | | | | | |
| 7. Type of Completion <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input checked="" type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER | | | | | | | | | | |
| 8. Name of Operator Marathon Oil Company | | | | 9. OGRID Number / PROPERTY Code 14021 / 006408 | | | | | | |
| 10. Address of Operator P.O. Box 3487 Houston, Texas 77253-3487 Mail Stop:#3308 | | | | 11. Pool name or Wildcat Cemetery Morrow (74640) | | | | | | |
| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
| Surface: | M | 36 | 20S | 24E | | 976' | South | 660' | West | Eddy |
| BH: | M | 36 | 20S | 24E | | 687' | South | 695' | West | Eddy |
| 13. Date Spudded 11-Oct-2006 | 14. Date T D Reached 31-May-2007 | 15. Date Rig Released 6-JUN-2007 | | 16. Date Completed (Ready to Produce) 21-JUN-2007 | | 17. Elevations (DF and RKB, RT, GR, etc) 3,631' GR | | | | |
| 18. Total Measured Depth of Well 9,860' | | 19. Plug Back Measured Depth 9,764' | | 20. Was Directional Survey Made? Yes | | 21. Type Electric and Other Logs Run GR, NPHI, DPHI, RLA | | | | |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name 9283' - 9300' Morrow | | | | | | | | | | |
| 23. CASING RECORD (Report all strings set in well) | | | | | | | | | | |
| CASING SIZE | | WEIGHT LB /FT | | DEPTH SET | | HOLE SIZE | | CEMENTING RECORD | | AMOUNT PULLED |
| 9 5/8" | | 36# | | 1,206' | | 12-1/4" | | 1,605 sks | | |
| 7" | | 23 * 26# | | 8,020' | | 8-3/4" | | 1,250 sks | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 24. LINER RECORD | | | | | | 25. TUBING RECORD | | | | |
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | | SIZE | DEPTH SET | PACKER SET | | |
| 4-1/2" | 7,255' | 9,884' | 150sks | | | 3-1/2" | 7,200' | | | |
| | | | | | | 2-7/8" | 7,200'-9,333' | TAC @ 9,339' | | |
| 26. Perforation record (interval, size, and number) | | | | | | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | | | | |
| 9283'-9300' , .410 diameter, 102 shots 9355'-9362' , .410 diameter, 42 shots 9494'-9506' , .410 diameter, 72 shots | | | | | | DEPTH INTERVAL | | AMOUNT AND KIND MATERIAL USED | | |
| | | | | | | 9283'-9300' | | 10 BBL - KCl | | |
| | | | | | | 9355'-9362' | | 1000 gal FE Acid, CO2 fractured | | |
| | | | | | | 9494'-9506' | | | | |
| 28. PRODUCTION | | | | | | | | | | |
| Date First Production 21-JUN-2007 | | Production Method (Flowing, gas lift, pumping - Size and type pump) (Flowing) | | | | Well Status (Prod. or Shut-in) (Producing) | | | | |
| Date of Test 21-JUN-2007 | Hours Tested 24hrs | Choke Size 14/64 | Prod'n For Test Period | Oil - Bbl 0 | Gas - MCF 1370 | Water - Bbl 0 | Gas - Oil Ratio N/A | | | |
| Flow Tubing Press 2600 | Casing Pressure 0 | Calculated 24-Hour Rate 1370-MCF | Oil - Bbl 0 | Gas - MCF 1370 | Water - Bbl 0 | Oil Gravity - API - (Corr.) N/A | | | | |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc) (Sold) | | | | | | 30. Test Witnessed By Tito Salmon | | | | |
| 31. List Attachments | | | | | | | | | | |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit N/A | | | | | | | | | | |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial N/A | | | | | | | | | | |
| Latitude | | | Longitude | | | NAD 1927 1983 | | | | |
| 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. | | | | | | | | | | |
| Printed Signature: <u>Rick R. Schell</u> Name: <u>Rick R. Schell</u> Title: <u>Regulatory Compliance Representative</u> Date: <u>22-AUG-2008</u> | | | | | | | | | | |
| E-mail Address: <u>rrschell@MarathonOil.com</u> | | | | | | | | | | |

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 <u>8,304'</u> | T. Kirtland | T. Penn. "B" |
| B. Salt | T. Atoka <u>8,868'</u> | 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 <u>Surface</u> | T. Silurian | T. Mene | T. Madison |
| T. Grayburg <u>404'</u> | T. Montoya | T. Point Lookout | T. Elbert |
| T. San Andres <u>637'</u> | T. Simpson | T. Mancos | T. McCracken |
| T. Glorieta <u>2,236'</u> | T. McKee | T. Gallup | T. Ignacio Otzte |
| T. Paddock <u>2,338'</u> | T. Ellenburger | Base Greenhorn | T. Granite |
| T. Blinberry | T. Morrow <u>9,165'</u> | T. Dakota | |
| T. Tubb | T. Morrow Pay <u>9,352'</u> | T. Morrison | |
| T. Drinkard | T. Chester <u>9,526'</u> | T. Todilto | |
| T. Bone Springs <u>4,153'</u> | T. Miss Lime <u>9,796'</u> | T. Entrada | |
| T. Wolfcamp <u>6,084'</u> | | T. Wingate | |
| T. Penn <u>7,555'</u> | T. D. <u>9,884'</u> (Loggers) | T. Chinle | |
| T. Cisco (Bough C) | P.T.D. <u>10,136'</u> (Loggers) | T. Permian | |

OIL OR GAS SANDS OR ZONES

No. 1, from.....7,555'.....to.....9, 800'.....
 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 |
|--------------|--------------|----------------------|-----------------------|------|----|----------------------|-----------|
| <u>Surf</u> | <u>404'</u> | <u>404'</u> | SAND, DOLOMITE | | | | |
| <u>404</u> | <u>2,236</u> | <u>1,832</u> | DOLOMITE | | | | |
| <u>2,236</u> | <u>2,338</u> | <u>102</u> | SAND, DOLMITE | | | | |
| <u>2,338</u> | <u>3,309</u> | <u>971</u> | DOLOMITE, SAND | | | | |
| <u>3,309</u> | <u>6,082</u> | <u>2,773</u> | SAND, LIME, DOLOMITE | | | | |
| <u>6,082</u> | <u>7,570</u> | <u>1,488</u> | SHALE, LIME | | | | |
| <u>7,570</u> | <u>8,016</u> | <u>446</u> | DOLOMITE, SHALE, LIME | | | | |

Indian Hills State Com #8

Morrow Completion



9 5/8" 36# Surface Casing Set @ 1206'

3 1/2" L-80 Production Tubing From Surface to 7200'

2 7/8" L-80 Production Tubing from 7,200'-9,333'

Upper Penn Perforations In 7" Casing 7,594'-7,800', 4 SPF
Squeezed w/ 1000 sks Cement

7" 23 & 26# Production Casing Set @ 8,020'
Cemented w/ 1250 sks to Surface

Perforations 9,283'-9,300', 6 SPF, 60° phasing, total of 102 shots

Perforations 9,355'-9,362', 6 SPF, 60° phasing, total of 42 shots

Perforations 9,494'-9,506', 6 SPF, 60° phasing, total of 72 shots

4 1/2" 11 6# Production Liner From 7,255'-9,884'
Cemented w/ 150 sks to 7,255'

Halliburton PLS Packer Set @ 9,339'

Cement Plug From 9,480' - 9,443'

Cast Iron Bridge Plug Set @ 9,480'

| | | | |
|---------------------|------------------------------|---------------------|------------|
| Well Name & Number: | Indian Hills State Com No. 8 | Lease: | E-10083 |
| County or Parish: | Eddy | State/Prov.: | New Mexico |
| Country: | USA | | |
| Prepared By: | Bryson Goeres | Last Revision Date: | 8-18-2008 |