

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | | | |
|--|----------------------|--|---------------------|---|----------------------|--|-----------------------|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | | | | 5. Lease Serial No. NMLC-029395B | |
| 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 Apache Corporation (873) | | | | | | 7. Unit or CA Agreement Name and No. | |
| 3. Address 303 Veterans Airpark Ln., Ste. 3000 Midland, TX 79705 | | | | 3a. Phone No. (include area code) (432) 818-1015 | | 8. Lease Name and Well No. Lee Federal #61 (308720) | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 850' FSL & 1680' FEL UL:O Sec:17 T:17S R:31E At surface At top prod. interval reported below At total depth | | | | | | 9. API Well No. 30-015-40293 | |
| 14. Date Spudded 01/13/2013 | | | | | | 15. Date T.D. Reached 01/21/2013 | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. | | | | | | 17. Elevations (DF, RKB, RT, GL)* 3696' GL | |
| 18. Total Depth: MD 6400' TVD | | 19. Plug Back T.D.: MD 6355' TVD | | 20. Depth Bridge Plug Set: MD TVD | | 12. County or Parish Eddy | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN/Hi-Res LL/HNGR/BHC/CAL | | | | | | 13. State NM | |
| 22. Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy) | | | | | | | |
| 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) |
| 17-1/2" | 13-3/8" | 48# | | 325' | | 400 sx Class C | Surface |
| 11" | 8-5/8" | 32# | | 3504' | | 1060 sx Class C | Surface |
| 7-7/8" | 5-1/2" | 17# | | 6400' | | 960 sx Class C | Surface |
| 24. Tubing Record | | | | | | | |
| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) |
| 2-7/8" | 5182' | | | | | | |
| 25. Producing Intervals | | | | 26. Perforation Record | | | |
| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status | |
| A) Lower Blinbry | 5208' | | 5184'-5934' | 1 SPF | 37 holes | Producing | |
| B) Glorieta/Paddock | 4603'/4681' | | 4603'-5070' | 1 SPF | 29 holes | Producing | |
| C) | | | | | | | |
| D) | | | | | | | |
| 27. Acid, Fracture, Treatment, Cement Squeeze, etc. | | | | | | | |
| Depth Interval | | Amount and Type of Material | | | | | |
| 5184'-5934' | | 220,122 gals 20#, 299,016# sand, 4650 gals acid, 3402 gals gel | | | | | |
| 4603'-5070' | | 202,230 gals 20#, 210,002# sand, 5964 gals acid | | | | | |
| 28. Production - Interval A | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API |
| 03/16/13 | 04/12/13 | 24 | → | 153 | 120 | 188 | 37.1 |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio |
| | | | → | | | | 784 |
| 28a. Production - Interval B | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API |
| | | | → | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio |
| | | | → | | | | |

RECEIVED
JUN 03 2013

RECEIVED
JUN 12 2013
NMLC ARTESIA

RECLAMATION
DUE 9-16-13

ACCEPTED FOR RECORD

MAY 25 2013

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

*(See instructions and spaces for additional data on page 2)

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 (Solid, used for fuel, vented, etc.)

Sold

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 |
| | | | | Rustler Yates | 266' 1502' |
| | | | | Seven Rivers Bowers-SD | 1790' 2175' |
| | | | | Queen Grayburg | 2392' 2739' |
| | | | | San Andres Glorieta | 3092' 4603' |
| | | | | Paddock Yeso | 4681' 4681' |
| | | | | Blaine Tubb | 5208' 6182' |

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: OCD Forms C-102, C-104, Frac Disclosure

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

Name (please print) Fatima VasquezTitle Regulatory Tech ISignature Date 05/02/2013

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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