

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD RECEIVED

MAR 03 2011

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

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. NMNM 17252 | | | | | | | |
| 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 | | 7. Unit or CA Agreement Name and No. | | | | | | | |
| 3. Address 303 Veterans Airpark Lane Suite 3000 Midland TX 79705 | | 8. Lease Name and Well No. USA Howse #002 | | | | | | | |
| 3a. Phone No. (include area code) 432/818-1062 | | 9. AFI Well No. 30-025-39839 | | | | | | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1650' FSL & 990' FEL Sec 12 T20S R38E UL I ✓ At top prod. interval reported below At total depth | | 10. Field and Pool or Exploratory House; Bli/House; Tubb/House; Drkd 11. Sec., T., R., M., on Block and Survey or Area Sec 12 T20S R38E UL I | | | | | | | |
| 14. Date Spudded 11/12/2010 | | 15. Date T.D. Reached 11/18/2010 | | | | | | | |
| 16. Date Completed 01/25/2011 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. | | 17. Elevations (DF, RKB, RT, GL)* 3566' GR | | | | | | | |
| 18. Total Depth: MD 7300' TVD | | 19. Plug Back T.D.: MD 7255' TVD | | | | | | | |
| 20. Depth Bridge Plug Set: MD TVD | | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) SGR/DLL/CSSGR/BHP/CPhDen/CBL/CCL | | | | | | | |
| 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 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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
| 12-1/4" | 8-5/8" | 24# | 0 | 1620' | | 796 sx Class C | | Surface | |
| 7-7/8" | 5-1/2" | 17# | 0 | 7300' | | 975 sx Class C | | 120' | |
| 24. Tubing Record | | | | | | | | | |
| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | |
| 2-7/8" | 7196' | | | | | | | | |
| 25. Producing Intervals | | | | | | | | | |
| Formation | Top | Bottom | 26. Perforation Record | | | | | | |
| A) Blinebry C3 | 6060' | | Perforated Interval | Size | No. Holes | Perf. Status | | | |
| B) Tubb C2 | 6561' | | 6061'-6354' | | 24 | Producing | | | |
| C) Drinkard C1 | 6885' | | 6468'-6776' | | 24 | Producing | | | |
| D) | | | 7002'-7110' | | 22 | Producing | | | |
| 27. Acid, Fracture, Treatment, Cement Squeeze, etc. | | | | | | | | | |
| Depth Interval | Amount and Type of Material | | | | | | | | |
| Blinebry (6061'-6354') | 2000 gal 15% HCL; 121 bbl 2% KCL; 54,276 gal SS-30; 180,000# 20/40 sand; 5796 gal 30# linear gel | | | | | | | | |
| Tubb (6468'-6776') | 3500 gal 15% HCL; 2188 gal 1% KCL; 39,228 gal SS-30; 100,000# 20/40 sand; 5208 gal 10# linear gel | | | | | | | | |
| Drinkard (7002'-7110') | 2000 gal 15% HCL; 20,958 gal SS-35; 21,000# 20/40 sand; 6820 gal 10# linear gel | | | | | | | | |
| 28. Production - Interval A | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method Pumping |
| 1/25/11 | 2/18/11 | 24 | → | 13 | 36 | 159 | 37.4 | | FEB 27 2011 |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status Producing | |
| | | | → | | | | 2769 | | |
| 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 | 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 page 2)

Carlsbad Field Office
Carlsbad, N.M.

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 | 1581' 2899' | | | | |
| Seven-Rivers Queen | 3115' 3676' | | | | |
| Grayburg San Andres | 4024' 4298' | | | | |
| Glorieta Paddock | 5623' 5751' | | | | |
| Blinberry Tubb | 6060' 6561' | | | | |
| Drinkard Abo | 6885' 7118' | | | | |

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

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) Reesa HollandTitle Sr Engr Tech

Signature

Reesa HollandDate 02/21/2011

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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