

OCD-ARTESIA

Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

| | | |
|--|--|--|
| 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. NMLC029418A |
| 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 CHEVRON USA INCORPORATED (AGENT: COG OPERATING LLC) | | 7. Unit or CA Agreement Name and No. NMNM71030C |
| 3. Address 550 W. TEXAS AVE. SUITE 100 MIDLAND TX, 79701 | | 8. Lease Name and Well No. TEX MACK 11 FEDERAL 39 |
| 3a. Phone No. (include area code) 432-686-3087 | | 9. AFI Well No. 30-015-37823 |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot N 950' FSL & 2058' FEL At top prod. interval reported below At total depth LOT N 978' FSL & 2297' FEL | | 10. Field and Pool, or Exploratory FREN; GLORIETA-YESO |
| 14. Date Spudded 01/10/2011 | | 11. Sec., T., R., M., on Block and Survey or Area Sec 11 T17S R31E |
| 15. Date T.D. Reached 01/20/2011 | | 12. County or Parish EDDY 13. State NM |
| 16. Date Completed 02/15/2011 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. | | 17. Elevations (DF, RKB, RT, GL)* 3936' GL |
| 18. Total Depth: MD 6897 TVD 6897 | | 20. Depth Bridge Plug Set: MD TVD |
| 19. Plug Back T.D.: MD 6812 TVD 6812 | | 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) |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN / HNGS, Micro CFL / HNGS | | |

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 |
|-----------|------------|-------------|----------|-------------|-------------------------|---------------------------------|----------------------|-------------|---------------|
| 17.5 | 13.375 | 48 | 0 | 728 | | 600 | | 0 | |
| 11 | 8.625 | 32 | 0 | 1900 | | 600 | | 0 | |
| 7.875 | 5.5 | 17 | 0 | 6897 | | 1050 | | 0 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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 | 6329 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------------|-------------|-------------|---------------------|------------|-----------|--------------|
| A) PADDOCK | 5290 | 5415 | 5290 TO 5415 | .41 | 26 | OPEN |
| B) BLINEBRY | 5800 | 6000 | 5800 TO 6000 | .41 | 26 | OPEN |
| C) BLINEBRY | 6070 | 6270 | 6070 TO 6270 | .41 | 26 | OPEN |
| D) BLINEBRY | 6340 | 6540 | 6340 TO 6540 | .41 | 26 | OPEN |

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

| Depth Interval | Amount and Type of Material |
|---------------------|--|
| 5290 TO 5415 | ACIDIZE W/ 3,000 GALS 15% ACID. |
| 5290 TO 5415 | FRAC W/ 107,071 GALS GEL, 105,219# 16/30 OTTAWA SAND, 11,238# 16/30 SIBERPROP SAND. |
| 5800 TO 6000 | ACIDIZE W/ 2,500 GALS 15% ACID. |
| 5800 TO 6000 | FRAC W/ 128,329 GALS GEL, 149,331# 16/30 OTTAWA SAND, 39,156# 16/30 SIBERPROP SAND. |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|--|
| SI | | 24 | → | | | | | | SI waiting on production facility construction* |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| SI | | 70 | → | | | | | | |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | APR 2 2011 |
| Choke Size | Tbg. Press. Flwg. | 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)

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.)

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 |
|------------|------|--------|------------------------------|----------------------|--------------------|
| YATES | 1946 | | DOLOMITE & SAND | DOLOMITE & SAND | 1946 |
| QUEEN | 2897 | | SAND | SAND | 2897 |
| SAN ANDRES | 3662 | | DOLOMITE & ANHYDRITE | DOLOMITE & ANHYDRITE | 3662 |
| GLORIETA | 5186 | | SAND & DOLOMITE | SAND & DOLOMITE | 5186 |
| YESO | 5276 | | DOLOMITE & ANHYDRITE | DOLOMITE & ANHYDRITE | 5276 |
| TUBB | 6629 | | SAND | SAND | 6629 |

32. Additional remarks (include plugging procedure):

ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE ETC. CONT...

6070 TO 6270 ACIDIZE W/ 2,500 GALS 15% ACID.

6070 TO 6270 FRAC W/ 134,168 GALS GEL, 145,678# 16/30 OTTAWA SAND, 38,894# 16/30 SIBERPROP SAND.

6340 TO 6540 ACIDIZE W/ 3,500 GALS 15% ACID.

6340 TO 6540 FRAC W/ 77,202 GALS GEL, 59,106# 16/30 OTTAWA SAND, 4,010# 16/30 SIBERPROP SAND.

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

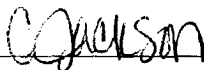
- ☒ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

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) CHASITY JACKSON

Title PREPARER

Signature



Date 03/03/2011

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.