

## 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.<br><b>NMLC029418B</b>                                |
| 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, .<br>Other _____                            |                                                        | 6 If Indian, Allottee or Tribe Name                                     |
| 2 Name of Operator <b>CHEVRON USA INCORPORATED (AGENT: COG OPERATING LLC)</b>                                                                                                                                                                            |                                                        | 7 Unit or CA Agreement Name and No                                      |
| 3 Address <b>550 W. TEXAS AVE. SUITE 100<br/>MIDLAND TX, 79701</b>                                                                                                                                                                                       | 3a Phone No (include area code)<br><b>432-818-2319</b> | 8 Lease Name and Well No.<br><b>TEX MACK 11 FEDERAL 15</b>              |
| 4 Location of Well (Report location clearly and in accordance with Federal requirements)*<br><br>At surface <b>Lot C 330' FNL &amp; 1650' FWL</b><br><br>At top prod interval reported below<br><br>At total depth <b>LOT C 330' FNL &amp; 1650' FWL</b> |                                                        | 9 AFI Well No<br><b>30-015-38375</b>                                    |
| 14 Date Spudded<br><b>05/10/2011</b>                                                                                                                                                                                                                     |                                                        | 10 Field and Pool, or Exploratory<br><b>FREN; GLORIETA-YESO 97866</b>   |
| 15 Date TD Reached<br><b>05/18/2011</b>                                                                                                                                                                                                                  |                                                        | 11 Sec, T, R, M, on Block and<br>Survey or Area <b>Sec 11 T17S R31E</b> |
| 16 Date Completed <b>06/15/2011</b><br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod                                                                                                                                  |                                                        | 12 County or Parish <b>EDDY</b> 13 State <b>NM</b>                      |
| 17 Elevations (DF, RKB, RT, GL)*<br><b>3959' GL</b>                                                                                                                                                                                                      |                                                        |                                                                         |

|                                                                                                                                                       |                                                   |                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18. Total Depth MD <b>6730</b><br>TVD <b>6730</b>                                                                                                     | 19 Plug Back TD MD <b>6674</b><br>TVD <b>6674</b> | 20 Depth Bridge Plug Set MD<br>TVD                                                                                                                                                                                                                                                                                    |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br><b>Three Detector Litho-Density Comp Neut/HNGS, Hi-Res Lat Array Micro-CFL</b> |                                                   | 22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)<br>Directional Survey? <input checked="" type="checkbox"/> No <input 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) | Cement Top* | Amount Pulled |
| 17.5                                                        | 13.375     | 48        | 0        | 746         |                      | 700                        |                  | 0           |               |
| 11                                                          | 8.625      | 32        | 0        | 1953        |                      | 600                        |                  | 0           |               |
| 7.875                                                       | 5.5        | 17        | 0        | 6727        |                      | 1050                       |                  | 0           |               |
|                                                             |            |           |          |             |                      |                            |                  |             |               |
|                                                             |            |           |          |             |                      |                            |                  |             |               |
|                                                             |            |           |          |             |                      |                            |                  |             |               |

| 24 Tubing Record |                |                   |      |                |                   |      |                |
|------------------|----------------|-------------------|------|----------------|-------------------|------|----------------|
| Size             | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) |
| 2.875            | 5012           |                   |      |                |                   |      |                |

| 25 Producing Intervals |      |        | 26 Perforation Record |      |          |             |
|------------------------|------|--------|-----------------------|------|----------|-------------|
| Formation              | Top  | Bottom | Perforated Interval   | Size | No Holes | Perf Status |
| A) <b>PADDOCK</b>      | 5235 | 5435   | 5235 - 5435           | 1    | 26       | OPEN        |
| B) <b>BLINEBRY</b>     | 5725 | 5925   | 5725 - 5925           | 1    | 26       | OPEN        |
| C) <b>BLINEBRY</b>     | 5995 | 6195   | 5995 - 6195           | 1    | 26       | OPEN        |
| D) <b>BLINEBRY</b>     | 6265 | 6465   | 6265 - 6465           | 1    | 26       | OPEN        |

| 27. Acid, Fracture, Treatment, Cement Squeeze, etc |                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------|
| Depth Interval                                     | Amount and Type of Material                                                 |
| 5235 - 5435                                        | Acidized w/3000 gals 15% HCL                                                |
| 5235 - 5435                                        | Frac w/103,000 gals gel, 105,449# 16/30 White sand, 8,198# 16/30 SiberProp  |
| 5725 - 5925                                        | Acidized w/2500 gals 15% HCL                                                |
| 5725 - 5925                                        | Frac w/124,000 gals gel, 146,714# 16/30 White sand, 30,758# 16/30 SiberProp |

| 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 |
| 08/02/2011                 | 08/04/2011        | 24           | →               | 85      | 102     | 197       | 35.2                 |             | Pumping           |
| Choke Size                 | Tbg Press Flwg SI | Csg Press    | 24 Hr Rate      | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio        | Well Status |                   |
|                            |                   | 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 |
|                              |                   |              | →               |         |         |           |                      |             |                   |
| 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)

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

RECEIVED

SEP 29 2011

NMCD-ARTESIA

RECLAMATION  
DUE 12-15-11

ACCEPTED FOR RECORD

SEP 24 2011

## 28b. Production - Interval C

| Date First Produced | Test Date          | Hours Tested | Test Production<br>→ | 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<br>→      | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date          | Hours Tested | Test Production<br>→ | 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<br>→      | 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<br>Meas Depth                            |
|----------------------------------------------------------|----------------------------------------------|--------|--------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------|
| YATES<br>QUEEN<br>SAN ANDRES<br>GLORIETA<br>YESO<br>TUBB | 1958<br>2895<br>3630<br>5129<br>5195<br>6576 |        | DOLOMITE & SAND<br>SAND<br>DOLOMITE & ANHYDRITE<br>SAND & DOLOMITE<br>DOLOMITE & ANHYDRITE | YATES<br>QUEEN<br>SAN ANDRES<br>GLORIETA<br>YESO<br>TUBB | 1958<br>2895<br>3630<br>5129<br>5195<br>6576 |

## 32. Additional remarks (include plugging procedure):

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

5995 - 6195 Acidized w/2500 gals 15% HCL.

5995 - 6195 Frac w/126,000 gals gel, 146,833# 16/30 White sand, 31,803# 16/30 SiberProp

6265 - 6465 Acidized w/2500 gals 15% HCL.

6265 - 6465 Frac w/124,000 gals gel, 148,470# 16/30 White sand, 29,831# 16/30 SiberProp

## 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) Netha AaronTitle PREPARER

Signature

Netha AaronDate 09/12/2011

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.