

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

**RECEIVED**  
OCD Area  
SEP 05 2012  
**NMOC DARTESIA**FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007Serial No  
NMUC029418B

|                                                                                                                                                                                                                                                                                                                       |  |                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|
| 1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other                                                                                                                                                            |  | 6 If Indian, Allottee or Tribe Name                                                                  |
| 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 _____                                                                                        |  | 7 Unit or CA Agreement Name and No                                                                   |
| 2 Name of Operator <b>CHEVRON USA INCORPORATED (AGENT: COG OPERATING LLC)</b>                                                                                                                                                                                                                                         |  | 8 Lease Name and Well No<br><b>TEX MACK 11 FEDERAL 32</b>                                            |
| 3 Address <b>600 W. ILLINOIS AVE.<br/>MIDLAND TX, 79701</b>                                                                                                                                                                                                                                                           |  | 9 AFI Well No.<br><b>30-015-40009</b>                                                                |
| 3a Phone No (include area code)<br><b>432-685-4332</b>                                                                                                                                                                                                                                                                |  | 10 Field and Pool, or Exploratory<br><b>FREN; GLORIETA-YESO</b>                                      |
| 4 Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface <b>307 FNL &amp; 1873 FWL UNIT C</b><br>At top prod interval reported below<br>At total depth <b>940 FNL &amp; 2260 FWL UNIT C</b>                                                                            |  | 11 Sec., T., R., M., on Block and<br>Survey or Area <b>Sec 11 T17S R31E</b>                          |
| 14 Date Spudded<br><b>04/09/2012</b>                                                                                                                                                                                                                                                                                  |  | 15 Date T.D. Reached<br><b>04/08/2012</b>                                                            |
| 16 Date Completed <b>05/14/2012</b><br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod                                                                                                                                                                                               |  | 17 Elevations (DF, RKB, RT, GL)*<br><b>3960 GL</b>                                                   |
| 18. Total Depth MD <b>6872</b><br>TVD <b>6823</b>                                                                                                                                                                                                                                                                     |  | 19 Plug Back T D MD <b>6794</b><br>TVD <b>6745</b>                                                   |
| 20 Depth Bridge Plug Set MD<br>TVD                                                                                                                                                                                                                                                                                    |  | 21 Type Electric & Other Mechanical Logs Run (Submit copy of each)<br><b>Comp Neut Gamma Ray/CCL</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 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<br>Depth | No of Sks &<br>Type of Cement | Slurry Vol<br>(BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-----------|----------|-------------|-------------------------|-------------------------------|---------------------|-------------|---------------|
| 17.5      | 13.375     | 48        | 0        | 702         |                         | 750                           |                     | 0           |               |
| 11        | 8.625      | 32        | 0        | 1978        |                         | 650                           |                     | 0           |               |
| 7.875     | 5.5        | 17        | 0        | 6862        |                         | 1700                          |                     | 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 | 5689           |                   |      |                |                   |      |                |                   |

## 25 Producing Intervals

| Formation | Top  | Bottom | Perforated Interval | Size | No Holes | Perf Status |
|-----------|------|--------|---------------------|------|----------|-------------|
| A) Yeso   | 5290 | 6550   | 55290 - 5540        | .41  | 26       | OPEN        |
| B)        |      |        | 5810 - 6010         | .41  | 26       | OPEN        |
| C)        |      |        | 6080 - 6280         | .41  | 26       | OPEN        |
| D)        |      |        | 6350 - 6550         | .41  | 51       | OPEN        |

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

| Depth Interval | Amount and Type of Material                                            |
|----------------|------------------------------------------------------------------------|
| 5290 - 5540    | Acidized w/2058 gals 15% HCL                                           |
| 5290 - 5540    | Frac w/99,213 gals gel, 106,005# 16/30 Ottawa sand, 20,015# 16/30 SLC  |
| 5810 - 6010    | Acidized w/3500 gals 15% HCL                                           |
| 5810 - 6010    | Frac w/112,294 gals gel, 140,198# 16/30 Ottawa sand, 30,861# 16/30 SLC |

## 28a Production - Interval A

| Date First<br>Produced | Test<br>Date            | Hours<br>Tested    | Test<br>Production | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Oil Gravity<br>Corr API | Gas<br>Gravity | Production Method |
|------------------------|-------------------------|--------------------|--------------------|------------|------------|--------------|-------------------------|----------------|-------------------|
|                        |                         | 24                 | →                  |            |            |              |                         |                |                   |
| Choke<br>Size          | Tbg Press<br>Flwg<br>SI | Csg<br>Press<br>SI | 24 Hr<br>Rate      | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Gas/Oil<br>Ratio        | Well Status    |                   |
|                        |                         |                    | →                  |            |            |              |                         |                |                   |

## 28a Production - Interval B

| Date First<br>Produced | Test<br>Date            | Hours<br>Tested    | Test<br>Production | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Oil Gravity<br>Corr API | Gas<br>Gravity | Production Method |
|------------------------|-------------------------|--------------------|--------------------|------------|------------|--------------|-------------------------|----------------|-------------------|
|                        |                         |                    | →                  |            |            |              |                         |                |                   |
| Choke<br>Size          | Tbg Press<br>Flwg<br>SI | Csg<br>Press<br>SI | 24 Hr<br>Rate      | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Gas/Oil<br>Ratio        | Well Status    |                   |
|                        |                         |                    | →                  |            |            |              |                         |                |                   |

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

**RECLAMATION  
DUE 11-14-12****ACCEPTED FOR RECORD**

SEP 1 2012

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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.)

Shut In

## 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                                         |
|-----------------------------------------------------------------------------|------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------|
| RUSTLER<br>SALT<br>YATES<br>QUEEN<br>SAN ANDRES<br>GLORIETA<br>YESO<br>TUBB | 649<br>830<br>1950<br>2892<br>3653<br>5164<br>5269<br>6632 | 1755   | ANHYDRITE<br>SALT<br>DOLOMITE & SAND<br>DOLOMITE & SAND<br>DOLOMITE & LIMESTONE<br>DOLOMITE & ANHYDRITE<br>SAND & DOLOMITE<br>DOLOMITE & SANDSTONE | RUSTLER<br>SALT<br>YATES<br>QUEEN<br>SAN ANDRES<br>GLORIETA<br>YESO<br>TUBB | 649<br>830<br>1950<br>2892<br>3653<br>5164<br>5269<br>6632 |

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

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

6080 - 6280 Acidized w/3500 gals 15% HCL.

6080 - 6280 Frac w/114,076 gals gel, 148,624# 16/30 Ottawa sand, 29,142# 16/30 SLC

6350 - 6550 Acidized w/6049 gals 15% HCL.

6350 - 6550 Frac w/447,705 gals gel, 21,436# 16/30 Ottawa 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) **Kanicia Castillo**Title **AGENT**

Signature

Date **08/17/2012**

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.