

# 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 ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr,  
Other \_\_\_\_\_

2 Name of Operator **CHEVRON USA INCORPORATED (AGENT: COG OPERATING LLC)**

3 Address **550 W. TEXAS AVE. SUITE 100  
MIDLAND TX, 79701**

3a Phone No (include area code)  
**432-818-2319**

4 Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface **Lot G 2085' FNL & 1650' FEL**

At top prod interval reported below

At total depth **Lot G 2305' FNL & 1657' FEL**

14 Date Spudded  
**07/16/2011**

15 Date TD Reached  
**07/23/2011**

16 Date Completed **08/18/2011**  
☐ D & A ☒ Ready to Prod.

17 Elevations (DF, RKB, RT, GL)\*  
**3881' GL**

18. Total Depth MD **6737**  
TVD **6728**

19 Plug Back TD MD **6686**  
TVD **6677**

20 Depth Bridge Plug Set MD  
TVD

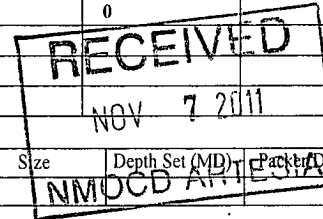
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

**Compensated Neutron Gamma Ray/CCL**

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ 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        | 570         |                      | 950                        |                   | 0           |               |
| 11        | 8.625      | 32         | 0        | 1810        |                      | 500                        |                   | 0           |               |
| 7.875     | 5.5        | 17         | 0        | 6732        |                      | 1200                       |                   | 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 | 6448           |                   |      |                |                   |      |                |                   |

25 Producing Intervals

| Formation | Top  | Bottom | Perforated Interval | Size | No Holes | Perf. Status |
|-----------|------|--------|---------------------|------|----------|--------------|
| A) YESO   | 5150 | 6570   | 5150 - 5325         | 1    | 26       | OPEN         |
| B)        |      |        | 5830 - 6030         | 1    | 26       | OPEN         |
| C)        |      |        | 6100 - 6300         | 1    | 26       | OPEN         |
| D)        |      |        | 6370 - 6570         | 1    | 26       | OPEN         |

27 Acid, Fracture, Treatment, Cement Squeeze, etc

| Depth Interval | Amount and Type of Material                                                 |
|----------------|-----------------------------------------------------------------------------|
| 5150 - 5325    | Acidized w/2550 gals 15% HCL                                                |
| 5150 - 5325    | Frac w/104,851 gals gel, 111,147# 16/30 White sand, 7,043# 16/30 SiberProp  |
| 5830 - 6030    | Acidized w/3500 gals 15% HCL                                                |
| 5830 - 6030    | Frac w/124,050 gals gel, 148,498# 16/30 White sand, 29,343# 16/30 SiberProp |

**RECLAMATION  
DUE 2-18-12**

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 |
|---------------------|--------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
|                     |                    | 24           | →               |         |         |           | 37.1                 |             | Shut-in           |
| Choke Size          | Tbg. Press Flwg SI | Csg Press    | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio        | Well Status |                   |
|                     |                    | 70           | →               |         |         |           |                      |             |                   |

**Accepted for record  
DEC 02 2011**

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 |                   |
|                     |                    |              | →               |         |         |           |                      |             |                   |

**ACCEPTED FOR RECORD**

**OCT 29 2011**

\*(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<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr API | Gas Gravity | Production Method |
| Choke Size                   | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr.<br>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<br>Corr API | Gas Gravity | Production Method |
| Choke Size                   | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr.<br>Rate<br>→  | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio           | Well Status |                   |

29 Disposition of Gas (Sold, 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<br>Meas. Depth |
|------------|------|--------|------------------------------|------------|--------------------|
| RUSTLER    | 516  |        | ANHYDRITE                    | RUSTLER    | 516                |
| SALT TOP   | 593  |        | SALT                         | SALT TOP   | 693                |
| TANSILL    | 1735 |        | DOLOMITE                     | TANSILL    | 1735               |
| YATES      | 1842 |        | DOLOMITE & SAND              | YATES      | 1842               |
| SAN ANDRES | 3569 |        | SAND                         | SAN ANDRES | 3569               |
| GLORIETA   | 5050 |        | DOLOMITE & ANHYDRITE         | GLORIETA   | 5050               |
| YESO       | 5145 |        | SAND & DOLOMITE              | YESO       | 5145               |

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OCT 20 2011

Carlsbad Field Office  
Carlsbad, NM

32. Additional remarks (include plugging procedure):

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

6100 - 6300 Acidized w/3500 gals 15% HCL.

6100 - 6300 Frac w/124,109 gals gel, 145,344# 16/30 White sand, 30,210# 16/30 SiberProp

6370 - 6570 Acidized w/3500 gals 15% HCL.

6370 - 6570 Frac w/122,485 gals gel, 146,934# 16/30 White sand, 26,993# 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 Aaron**

Title **PREPARER**

Signature

*N. Aaron*

Date **10/18/2011**

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.