

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | |
|---|--|--|---|--|--|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | 5. Lease Serial No. NMLC065928A | | |
| 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 COG OPERATING LLC | | | 3a. Phone No. (include area code) Ph: 575-748-6940 | | |
| 3. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701 | | | 9. API Well No. 30-015-45167-00-S1 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 33 T26S R29E Mer NMP At surface Lot 10 300FSL 2406FWL 32.000938 N Lat, 103.990434 W Lon Sec 33 T26S R29E Mer NMP At top prod interval reported below Lot 10 300FSL 2406FWL 32.000938 N Lat, 103.990434 W Lon Sec 28 T26S R29E Mer NMP At total depth NENW 207FNL 1813FWL 32.020558 N Lat, 103.992064 W Lon | | | 10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS) | | |
| 14. Date Spudded 10/19/2018 | | | 15. Date T.D. Reached 01/24/2019 | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/01/2019 | | | 17. Elevations (DF, KB, RT, GL)* 2861 GL | | |
| 18. Total Depth: MD 17951 TVD 10891 | | | 19. Plug Back T.D.: MD 17867 TVD 10891 | | |
| 20. Depth Bridge Plug Set: MD 17875 TVD 10891 | | | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) | | |
| 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 analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) | | | | | |

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 |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 14.750 | 10.750 L80 | 45.5 | 0 | 619 | | 1000 | | 0 | |
| 9.875 | 7.625 L80 | 29.7 | 0 | 10233 | 2706 | 2400 | | 0 | |
| 6.750 | 5.500 P110 | 23.0 | 0 | 17935 | | 1975 | | 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 | 10167 | 10157 | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|-------|--------|---------------------|------|-----------|--------------|
| A) WOLFCAMP | 11030 | 17835 | 11030 TO 17835 | | 1368 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

26. Perforation Record

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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 11030 TO 17835 | SEE ATTACHED |
| | |
| | |
| | |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|------------------------|-------------|-------------------|
| 06/01/2019 | 06/01/2019 | 24 | → | 216.0 | 3514.0 | 3017.0 | | | GAS LIFT |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| 15/64 | 400 SI | 3300.0 | → | 216 | 3514 | 3017 | | PGW | |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|------------------------|-------------|-------------------|
| | | | → | | | | | | SEP - 1 2019 |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | SI | | → | | | | | | |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #470984 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Due: 12/1/2019

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.)
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 |
|------------------|------|--------|------------------------------|------------------|--------------------|
| LAMAR | 2714 | | | LAMAR | 2714 |
| CHERRY CANYON | 3592 | | | CHERRY CANYON | 3592 |
| BRUSHY CANYON | 4994 | | | BRUSHY CANYON | 4994 |
| BONE SPRING LIME | 6487 | | | BONE SPRING LIME | 6487 |
| BONE SPRING 1ST | 7422 | | | BONE SPRING 1ST | 7422 |
| BONE SPRING 2ND | 8244 | | | BONE SPRING 2ND | 8244 |
| BONE SPRING 3RD | 9290 | | | BONE SPRING 3RD | 9290 |
| WOLFCAMP | 9637 | | | WOLFCAMP | 9637 |

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #470984 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH HAM on 07/02/2019 (19DMH0087SE)

Name (please print) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 06/27/2019

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****