

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT

DEC 07 2017

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM113937

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG OPERATING LLC
Contact: STORMI DAVIS
E-Mail: sdavis@concho.com

8. Lease Name and Well No.
CRAIG FEDERAL COM 2H

3. Address 2208 WEST MAIN
ARTESIA, NM 88210

3a. Phone No. (include area code)
Ph: 575-748-6946

9. API Well No.
30-015-44209

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 1 T26S R26E Mer NMP
At surface NWNW 675FNL 760FWL

10. Field and Pool, or Exploratory
WILDCAT; BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 1 T26S R26E Mer NMP

At top prod interval reported below
Sec 25 T25S R26E Mer NMP
At total depth NWNW 210FNL 340FWL

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
08/15/2017

15. Date T.D. Reached
09/04/2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
11/06/2017

17. Elevations (DF, KB, RT, GL)*
3369 GL

18. Total Depth: MD 18446
TVD 7437

19. Plug Back T.D.: MD 18340
TVD 7444

20. Depth Bridge Plug Set: MD 18340
TVD 7444

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ 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 |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500 | 13.375 J55 | 54.5 | 0 | 450 | | 450 | | 0 | |
| 12.250 | 9.625 J55 | 40.0 | 0 | 2350 | | 909 | | 0 | |
| 8.750 | 5.500 P110 | 17.0 | 0 | 18438 | | 2950 | | 1230 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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 | 7017 | 7008 | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|------|--------|---------------------|-------|-----------|--------------|
| A) BONE SPRING | 8447 | 18315 | 8447 TO 18315 | 0.430 | 2816 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 8447 TO 18315 | 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 11/07/2017 | 11/07/2017 | 24 | → | 32.0 | 123.0 | 2141.0 | | | FLows FROM WELL |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| 26/64 | 560 | | → | 32 | 123 | 2141 | | POW | |

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 reverse side)

ELECTRONIC SUBMISSION #396908 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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 | 2023 | 2069 | | LAMAR | 2023 |
| BELL CANYON | 2070 | 2929 | | BELL CANYON | 2070 |
| CHERRY CANYON | 2930 | 4023 | | CHERRY CANYON | 2930 |
| BRUSHY CANYON | 4024 | 5605 | | BRUSHY CANYON | 4024 |
| BONE SPRING LM | 5606 | 6535 | | BONE SPRING LM | 5606 |
| 1ST BONE SPRING | 6536 | 7381 | | 1ST BONE SPRING | 6536 |
| 2ND BONE SPRING | 7382 | 7544 | | 2ND BONE SPRING | 7382 |

32. Additional remarks (include plugging procedure):
Surveys and Perfs/Stimulation are attached.

AMENDED TO CORRECT PRODUCING INTERVAL (Please delete previously submitted Form 3160-4 dated 11/16/17)

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 #396908 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) STORMI DAVIS Title PREPARER

Signature _____ (Electronic Submission) Date 12/05/2017

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.

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