

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCB - HOBBS
03/26/2020
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM123530

| | | | | | |
|---|--|--|---|--|--|
| 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. Other _____ | | | 7. Unit or CA Agreement Name and No. | | |
| 2. Name of Operator COG OPERATING LLC | | | Contact: AMANDA AVERY E-Mail: aavery@concho.com | | |
| 3. Address 2208 W MAIN STREET ARTESIA, NM 88210 | | | 3a. Phone No. (include area code) Ph: 575-748-6940 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSE Tract O 390FSL 2335FEL 32.182181 N Lat, 103.422734 W Lon Sec 25 T24S R34E Mer NMP At top prod interval reported below SWSE Tract O 390FSL 2335FEL 32.182181 N Lat, 103.422734 W Lon Sec 24 T24S R34E Mer NMP At total depth NENW Lot C 203FNL 2284FWL 32.209715 N Lat, 103.428140 W Lon | | | 8. Lease Name and Well No. BASEBALL CAP FEDERAL COM 705H | | |
| 14. Date Spudded 05/29/2019 | | | 15. Date T.D. Reached 08/05/2019 | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/10/2020 | | | 9. API Well No. 30-025-45789 | | |
| 18. Total Depth: MD 22730 TVD 12572 | | | 19. Plug Back T.D.: MD 22603 TVD 12572 | | |
| 20. Depth Bridge Plug Set: MD 22603 TVD 12572 | | | 10. Field and Pool, or Exploratory RED HILLS BONE SPRING, N | | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) | | | 11. Sec., T., R., M., or Block and Survey or Area Sec 25 T24S R34E Mer NMP | | |
| 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) | | | 12. County or Parish LEA | | |
| 23. Casing and Liner Record (Report all strings set in well) | | | 13. State NM | | |
| 17. Elevations (DF, KB, RT, GL)* 3388 GL | | | 17. Elevations (DF, KB, RT, GL)* 3388 GL | | |

| 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 | 1333 | | 1100 | | 0 | |
| 12.250 | 9.625 L80 | 40.0 | 0 | 12100 | 5502 | 2930 | | 0 | |
| 8.500 | 5.500 P110 | 23.0 | 0 | 22711 | | 4155 | | 0 | |
| | | | | | | | | | |
| | | | | | | | | | |

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.875 | 11937 | 11927 | | | | | | |

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|-------|--------|---------------------|------|-----------|--------------|
| A) BONE SPRING | 12865 | 22584 | 12865 TO 22584 | | 1460 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 12865 TO 22584 | SEE ATTACHED INFORMATION |
| | |
| | |

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 02/17/2020 | 02/17/2020 | 24 | → | 428.0 | 641.0 | 3715.0 | | | GAS LIFT |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| 20/64 | 3000 SI | 1500.0 | → | 428 | 641 | 3715 | | POW | |

| 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. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | | | → | | | | | | |

KZ

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 |
| RUSTLER | 915 | | | RUSTLER | 915 |
| TOP OF SALT | 1478 | | | TOP OF SALT | 1478 |
| BOTTOM OF SALT | 5228 | | | BOTTOM OF SALT | 5228 |
| LAMAR | 5519 | | | LAMAR | 5519 |
| BELL CANYON | 5540 | | | BELL CANYON | 5540 |
| CHERRY CANYON | 6558 | | | CHERRY CANYON | 6558 |
| BRUSHY CANYON | 8175 | | | BRUSHY CANYON | 8175 |
| BONE SPRING LIMESTONE | 9446 | | | BONE SPRING LIMESTONE | 9446 |

32. Additional remarks (include plugging procedure):

FIRST BONE SPRING 10640
SECOND BONE SPRING 11194
THIRD BONE SPRING 12317

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 #508335 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs**

Name (please print) AMANDA AVERY Title REGULATORY ANALYST

Signature (Electronic Submission) Date 03/24/2020

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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