

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

[illegible]23. Casing and Liner Record *(Report all strings set in well)*[illegible]

## 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 | 11647          | 11637             |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation   | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|-----|--------|---------------------|------|-----------|--------------|
| A) WOLFBONE |     |        | 12450 TO 22275      |      | 1764      | OPEN         |
| B)          |     |        |                     |      |           |              |
| C)          |     |        |                     |      |           |              |
| D)          |     |        |                     |      |           |              |



## 26. Perforation Record

| Formation   | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|-----|--------|---------------------|------|-----------|--------------|
| A) WOLFBONE |     |        | 12450 TO 22275      |      | 1764      | OPEN         |
| B)          |     |        |                     |      |           |              |
| C)          |     |        |                     |      |           |              |
| D)          |     |        |                     |      |           |              |



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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 12450 TO 22275 | SEE ATTACHED INFORMATION    |
|                |                             |
|                |                             |
|                |                             |

## 28. Production - Interval A

|                                   |                                |                       |  |                  |                  |                     |                          |                    |                               |
|-----------------------------------|--------------------------------|-----------------------|--|------------------|------------------|---------------------|--------------------------|--------------------|-------------------------------|
| Date First Produced<br>11/18/2019 | Test Date<br>11/18/2019        | Hours Tested<br>24    | Test Production<br> | Oil BBL<br>488.0 | Gas MCF<br>711.0 | Water BBL<br>1811.0 | Oil Gravity<br>Corr. API | Gas Gravity        | Production Method<br>GAS LIFT |
| Choke Size<br>19/64               | Tbg. Press.<br>Fwg. 3500<br>SI | Csg. Press.<br>1900.0 | 24 Hr. Rate<br>     | Oil BBL<br>488   | Gas MCF<br>711   | Water BBL<br>1811   | Gas:Oil Ratio            | Well Status<br>POW |                               |

28a. Production - Interval B

|                     |                            |              |  |         |         |           |                          |             |                   |
|---------------------|----------------------------|--------------|--|---------|---------|-----------|--------------------------|-------------|-------------------|
| 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. Rate<br>     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio            | Well Status |                   |

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

**ELECTRONIC SUBMISSION #498765 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

PM

|                              |                      |              |                      |         |         |           |                       |             |                   |
|------------------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 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.*)  
**SOLD**

|  |                             |
|--|-----------------------------|
| 30. Summary of Porous Zones (Include Aquifers):<br><br>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>TOP OF SALT<br>LAMAR<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING 2ND<br>BONE SPRING 1ST | 821<br>1150<br>5321<br>6291<br>7767<br>9014<br>10369 |        |                              | RUSTLER<br>TOP OF SALT<br>LAMAR<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING 2ND<br>BONE SPRING 1ST | 821<br>1150<br>5321<br>6291<br>7767<br>9014<br>10369 |

32. Additional remarks (include plugging procedure):  
 THIRD BONE SPRING 12002

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 #498765 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by DEBORAH HAM on 01/21/2020 (20DMH0040SE)**

Name(*please print*) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission) Date 01/10/2020

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.

## Revisions to Operator-Submitted EC Data for Well Completion #498765

|   | Operator Submitted  | BLM Revised (AFMSS)  |
|---|---|--|
| Lease:  | NMNM125658  | NMNM125658   |
| Agreement:  | NMNM139190  | NMNM139190 (NMNM139190)  |
| Operator:   | COG OPERATING LLC<br>2208 W MAIN STREET<br>ARTESIA, NM 88210<br>Ph: 575-748-6940  | COG OPERATING LLC<br>ONE CONCHO CENTER 600 W ILLINOIS AVENUE<br>MIDLAND, TX 79701-4287<br>Ph: 432.685.4342 |
| Admin Contact:  | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940   | AMANDA AVERY<br>AUTHORIZED REPRESENTATIVE<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940             |
| Tech Contact:   | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940   | AMANDA AVERY<br>AUTHORIZED REPRESENTATIVE<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940             |
| Well Name:<br>Number:                                 | FEZ FEDERAL COM<br>702H   | FEZ FEDERAL COM<br>702H  |
| Location:<br>State:<br>County:<br>S/T/R:<br>Surf Loc: | NM<br>LEA<br>Sec 9 T25S R35E Mer NMP<br>SWSW Lot M 280FSL 1115FWL 32.138406 N Lat, 103.377421 W Lon                                   | NM<br>LEA<br>Sec 9 T25S R35E Mer NMP<br>SWSW Lot M 280FSL 1115FWL 32.138406 N Lat, 103.377421 W Lon        |
| Field/Pool:   | WC-025 G-09 S243532M; WOL   | WC025G09S243532M-WOLFBONE  |
| Logs Run:   |   |  |
| Producing Intervals - Formations:                     | WOLFBONE  | WOLFBONE   |
| Porous Zones:   | RUSTLER<br>TOP OF SALT<br>LAMAR<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING LIMESTONE<br>FIRST BONE SPRING<br>SECOND BONE SPRING | RUSTLER<br>TOP OF SALT<br>LAMAR<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING 2ND<br>BONE SPRING 1ST    |
| Markers:  | RUSTLER<br>TOP OF SALT<br>LAMAR<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING LIMESTONE<br>FIRST BONE SPRING<br>SECOND BONE SPRING | RUSTLER<br>TOP OF SALT<br>LAMAR<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING 2ND<br>BONE SPRING 1ST    |