Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 25 2019
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

1. WELL API NO. 30-015-45547
2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No.

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name: SRO 4 State Com
6. Well Number: 501H

7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator: COG Operating LLC
9. OGRID: 229137
10. Address of Operator: 2208 W. Main Street, Artesia, NM 88210
11. Pool name or Wildcat: Delaware River; Bone Spring

| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
|---|---|---|---|---|---|---|---|---|---|---|
| Surface: | D | 4 | 26S | 28E | | 223 | North | 1220 | West | Eddy |
| BH: | N | 9 | 26S | 28E | | 50 | South | 1627 | West | Eddy |

| 13. Date Spudded | 14. Date T.D. Reached | 15. Date Rig Released | 16. Date Completed (Ready to Produce) | 17. Elevations (DF and RKB, RT, GR, etc.) |
|---|---|---|---|---|
| 4/1/19 | 4/14/19 | 4/18/19 | 10/24/19 | 2990' GR |

| 18. Total Measured Depth of Well | 19. Plug Back Measured Depth | 20. Was Directional Survey Made? | 21. Type Electric and Other Logs Run |
|---|---|---|---|
| 18,254' | 18,150' √ | Yes | None |

22. Producing Interval(s), of this completion - Top, Bottom, Name: 8,250-18,020' Bone Spring

23. **CASING RECORD** (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|---|---|---|---|---|---|
| 13 3/8" | 54.5# | 715' | 17 1/2" | 625 sx | |
| 9 5/8" | 40 # | 2467' | 12 1/4" | 830 sx | |
| 5 1/2" | 17# | 18240' | 8 3/4" | 3310 sx | |
| | | | | | |

24. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|---|---|---|---|---|
| | | | | |

25. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|---|---|---|
| 2 7/8" | 7402' | 7392' |

26. Perforation record (interval, size, and number)

18,125-18,135' (60)
8,250 – 18,020' (1400)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|---|---|
| 8,250-18,020' √ | Acdz w/47,124 gal 7 ½%; Frac with 20,185,268# sand & 15,917,958 gal fluid |
| | |

28. **PRODUCTION**

| Date First Production | Production Method (Flowing, gas lift, pumping - Size and type pump) | Well Status (Prod. or Shut-in) |
|---|---|---|
| 10/24/19 | Flowing | Producing |

| Date of Test | Hours Tested | Choke Size | Prod'n For Test Period 24 Hrs | Oil - Bbl | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|---|---|---|---|---|---|---|---|
| 10/24/19 | 24 | 20/64" | | 182 | 320 | 881 | |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API - (Corr.) |
|---|---|---|---|---|---|---|
| 300# | 275# | | 182 | 320 | 881 | |

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold
30. Test Witnessed By: Charlie Hoff

AB

31. List Attachments: Surveys

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.
33. Rig Release Date: 4/18/19

34. If an on-site burial was used at the well, report the exact location of the on-site burial:
Latitude Longitude NAD83

*I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief*

Signature Amanda Avery Printed Name: Amanda Avery Title Regulatory Tech Date 10/28/19

E-mail Address: aavery@concho.com

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico | | | Northwestern New Mexico | |
|---|---|---|---|---|
| T. Rslr | T. Canyon | | T. Ojo Alamo | T. Penn A" |
| T. Salt | T. Strawn | | T. Kirtland | T. Penn. "B" |
| B. Salt | T. Atoka | | T. Fruitland | T. Penn. "C" |
| T. Yates | T. Miss | | T. Pictured Cliffs | T. Penn. "D" |
| T. 7 Rivers | T. Devonian | | T. Cliff House | T. Leadville |
| T. Queen | T. Silurian | | T. Menefee | T. Madison |
| T. Grayburg | T. Montoya | | T. Point Lookout | T. Elbert |
| T. San Andres | T. Rustler | | T. Mancos | T. McCracken |
| T. Glorieta | T. Lamar | 2430' | T. Gallup | T. Ignacio Otzte |
| T. Paddock | T. Bell Canyon | 2476' | Base Greenhorn | T. Granite |
| T. Blinebry | T. Cherry Canyon | 3332' | T. Dakota | |
| T.Tubb | T. Brushy Canyon | 4557' | T. Morrison | |
| T. Drinkard | T. Bone Spring GL | 6165' | T.Todilto | |
| T. Abo | T. 1st Bone Spring | 7074' | T. Entrada | |
| T. Wolfcamp | T. 2nd Bone Spring- Sand | | T. Wingate | |
| T. Penn | T. 2nd Bone Spring | 7866' | T. Chinle | |
| T. Cisco (Bough C) | T. 3rd Bone Spring | | T. Permian | |

**OIL OR GAS SANDS OR ZONES**

No. 1, from.....to..... No. 3, from.....to.....

No. 2, from.....to..... No. 4, from.....to.....

**IMPORTANT WATER SANDS**

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness In Feet | Lithology | | From | To | Thickness In Feet | Lithology |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |