

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

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED  
FEB 19 2013  
CONCHO ARTESIA

Form C-105  
Revised August 1, 2011

1. WELL API NO.  
30-015-40481

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  
Cluster State Com

6. Well Number:  
4H

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  
Welch; Bone Spring

|              |          |         |          |       |     |               |          |               |          |        |
|--------------|----------|---------|----------|-------|-----|---------------|----------|---------------|----------|--------|
| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
| Surface:     | L        | 16      | 26S      | 27E   |     | 1887          | South    | 190           | West     | Eddy   |
| BH:          | I        | 16      | 26S      | 27E   |     | 1840          | South    | 351           | East     | Eddy   |

|  |  |   |  |   |
|--|--|---|--|---|
| 13. Date Spudded<br>11/21/12               | 14. Date T.D. Reached<br>12/4/12       | 15. Date Rig Released<br>12/6/12        | 16. Date Completed (Ready to Produce)<br>1/18/13 | 17. Elevations (DF and RKB, RT, GR, etc.)<br>3294' GR |
| 18. Total Measured Depth of Well<br>11956' | 19. Plug Back Measured Depth<br>11895' | 20. Was Directional Survey Made?<br>Yes | 21. Type Electric and Other Logs Run<br>DSN, DLL |   |

22. Producing Interval(s), of this completion - Top, Bottom, Name  
7724-11862' Bone Spring

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

|             |                |           |           |                  |               |
|-------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 9 5/8"      | 36#            | 2185'     | 12 1/4"   | 850 sx           | 0             |
| 5 1/2"      | 17#            | 11956'    | 7 7/8"    | 1750 sx          | 0             |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

|                  |     |        |              |                   |        |           |            |
|------------------|-----|--------|--------------|-------------------|--------|-----------|------------|
| 24. LINER RECORD |     |        |              | 25. TUBING RECORD |        |           |            |
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE   | DEPTH SET | PACKER SET |
|                  |     |        |              |                   | 2 7/8" | 7021'     | 7006'      |
|                  |     |        |              |                   |        |           |            |

26. Perforation record (interval, size, and number)  
7724-11801' (460)  
11852-11862' (60)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL  
7724-11801'  
AMOUNT AND KIND MATERIAL USED  
Acidz w/29227 gal 7 1/2%; Frac w/3062866# sand & 2780070 gal fluid

28. PRODUCTION

|                                 |                    |  |                        |                  |   |                             |                 |
|---------------------------------|--------------------|--|------------------------|------------------|---|-----------------------------|-----------------|
| Date First Production<br>2/1/13 |                    | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                        |                  | Well Status (Prod. or Shut-in)<br>Producing |                             |                 |
| Date of Test<br>2/5/13          | Hours Tested<br>24 | Choke Size<br>Open   | Prod'n For Test Period | Oil - Bbl<br>350 | Gas - MCF<br>427                            | Water - Bbl.<br>1404        | Gas - Oil Ratio |
| Flow Tubing Press.<br>290#      | Casing Pressure    | Calculated 24-Hour Rate  | Oil - Bbl.<br>350      | Gas - MCF<br>427 | Water - Bbl.<br>1404                        | Oil Gravity - API - (Corr.) |                 |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold

30. Test Witnessed By  
Adam Olguin

31. List Attachments  
Logs, Deviation Report, Directional Surveys

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD 1927 1983

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  
Stormi Davis

Printed Name:  
Stormi Davis

Title  
Regulatory Analyst

Date:  
2/15/13

E-mail Address: sdavis@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. Anhy                 | T. Canyon             | T. Ojo Alamo            | T. Penn A"       |
| T. Salt 472'            | T. Strawn             | T. Kirtland             | T. Penn. "B"     |
| B. Salt 1986'           | 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. Simpson            | T. Mancos               | T. McCracken     |
| T. Glorieta             | T. McKee              | T. Gallup               | T. Ignacio Otzte |
| T. Paddock              | T. Ellenburger        | Base Greenhorn          | T. Granite       |
| T. Blinbry              | T. Gr. Wash           | T. Dakota               |                  |
| T. Tubb                 | T. Lamar 2196'        | T. Morrison             |                  |
| T. Drinkard             | T. Bone Springs 5732' | T. Todilto              |                  |
| T. Abo                  | T. Rustler 51'        | T. Entrada              |                  |
| T. Wolfcamp             | T.                    | T. Wingate              |                  |
| T. Penn                 | T.                    | T. Chinle               |                  |
| T. Cisco (Bough C)      | T.                    | T. Permian              |                  |

## OIL OR GAS SANDS OR ZONES

No. 3, 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<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |