

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**  
APR 08 2013  
MAGDO ARTEZIA

Form C-105  
Revised August 1, 2011

1. WELL API NO. 30-015-40255  
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  
BR-549 State

6. Well Number: 6

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  
One Concho Center  
600 W. Illinois Ave. Midland, TX 79701

11. Pool name or Wildcat  
Bear Grass Draw; Glorieta-Yeso 97534

| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
|--------------|----------|---------|----------|-------|-----|---------------|----------|---------------|----------|--------|
| Surface:     | D        | 27      | 17S      | 29E   |     | 1165          | North    | 1015          | West     | Eddy   |
| BH:          |          |         |          |       |     |               |          |               |          |        |

13. Date Spudded 01/13/13 14. Date T.D. Reached 01/21/13 15. Date Rig Released 01/21/13 16. Date Completed (Ready to Produce) 02/12/13 17. Elevations (DF and RKB, RT, GR, etc.) 3545 GR

18. Total Measured Depth of Well 5584 19. Plug Back Measured Depth 5529 20. Was Directional Survey Made? No 21. Type Electric and Other Logs Run CN

22. Producing Interval(s), of this completion - Top, Bottom, Name  
4012 - 5308 Yeso

**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      | 48             | 336       | 17-1/2    | 855 sx           |               |
| 8-5/8       | 24             | 852       | 11        | 400 sx           |               |
| 5-1/2       | 17             | 5574      | 7-7/8     | 1400 sx          |               |

**24. LINER RECORD**

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

**25. TUBING RECORD**

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2-7/8 | 5135      |            |

26. Perforation record (interval, size, and number)  
4012 - 4212, 26 holes, .21, open  
4410 - 4635, 36 holes, .21, open  
4773 - 4998, 36 holes, .21, open  
5058 - 5308, 36 holes, .21, open

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL 4012 - 5308 AMOUNT AND KIND MATERIAL USED See Attachment

**28. PRODUCTION**

Date First Production 2/13/13 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2" x 21-3/4" x 20' pump Well Status (Prod. or Shut-in) Producing

| Date of Test       | Hours Tested    | Choke Size              | Prod'n For Test Period | Oil - Bbl | Gas - MCF    | Water - Bbl.                | Gas - Oil Ratio |
|--------------------|-----------------|-------------------------|------------------------|-----------|--------------|-----------------------------|-----------------|
| 2/17/13            | 24              |                         |                        | 41        | 154          | 267                         |                 |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl.             | Gas - MCF | Water - Bbl. | Oil Gravity - API - (Corr.) |                 |
|                    |                 |                         |                        |           |              | 39.7                        |                 |

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold 30. Test Witnessed By Ron Beasley

31. List Attachments  
Logs, C102, C103, Deviation Report, C104, C144

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  Printed Name Kanicia Castillo Title Lead Regulatory Analyst Date 04/03/13  
E-mail Address kcastillo@concho.com 



BR-549 State #6H  
API#: 30-015-40255  
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |   |
|---|---|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED   |
| 4012 - 4212                                     | Acidized w/2000 gals 15% HCL. Frac w/95,030 gals gel,<br>89,030# 16/30 Brady sand, 10,840# 16/30 SLC. |
|   |   |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |   |
|---|---|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED   |
| 4410 - 4635                                     | Acidized w/3250 gals 15% HCL. Frac w/117,633 gals gel,<br>148,880# 16/30 Brady sand, 27,410# 16/30 SLC. |
|   |   |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |   |
|---|---|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED   |
| 4773 - 4998                                     | Acidized w/3250 gals 15% HCL. Frac w/120,780 gals gel,<br>148,590# 16/30 Brady sand, 32,050# 16/30 SLC. |
|   |   |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |   |
|---|---|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED   |
| 5058 - 5308                                     | Acidized w/3250 gals 15% HCL. Frac w/120,199 gals gel,<br>146,170# 16/30 Brady sand, 33,830# 16/30 SLC. |
|   |   |