

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

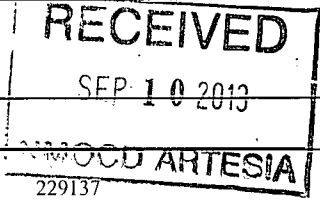
State of New Mexico  
Energy, Minerals and Natural Resources  
  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
Revised August 1, 2011  
1. WELL API NO.  
30-015-40211  
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  
Falabella 31 Fee  
6. Well Number: 6H



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  
Penasco Draw; SA-Yeso (Assoc) 50270

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	31	18S	26E		150	South	2260	West	Eddy
BH:	C	31	18S	26E		349	North	2124	West	Eddy

13. Date Spudded 1/21/13	14. Date T.D. Reached 2/1/13	15. Date Rig Released 2/1/13	16. Date Completed (Ready to Produce) 3/1/13	17. Elevations (DF and RKB, RT, GR, etc.) 3426
18. Total Measured Depth of Well 7449	19. Plug Back Measured Depth 7403	20. Was Directional Survey Made? yes	21. Type Electric and Other Logs Run CN	

22. Producing Interval(s), of this completion - Top, Bottom, Name  
3208 - 7368

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	32	1232	11	1250 sx	
5-1/2	17	7440	7-7/8	950 sx	

**24. LINER RECORD**      **25. TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	2379	

26. Perforation record (interval, size, and number) 3208 - 7368, .41, 324 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED 3208 - 7368      See Attachment
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**28. PRODUCTION**

Date First Production 3/17/13	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, ESP pump	Well Status (Prod. or Shut-in) Producing					
Date of Test 3/25/13	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 211	Gas - MCF 80	Water - Bbl 870	Gas - Oil Ratio 379
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.) 43.3	

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

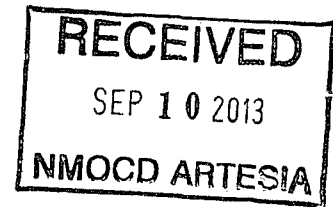
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

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  
Printed  
Signature Name Kanicia Castillo Title Lead Regulatory Analyst Date 9/7/13  
E-mail Address kcastillo@concho.com



**Falabella 31 Fee #6H**  
**API#: 30-015-40211**  
**EDDY, NM**



**C-105 (#27) ADDITIONAL INFORMATION**

1. Acidized w/ 3,000 gals 15% acid.  
Perf @ 7368 – 7048, 36 holes. 2/13/13 Frac w/11,257 gals Treated wtr, 35,124 gals WF, 189,393 gals gel, 11,089# 100 mesh, 195,402# 20/40 Brown snd, 24,592# 20/40 CRC.
  2. Acidized w/3,000 gals 15%.  
Perf @ 6879 – 6565, 36 holes. Frac w/22,966 gals treated wtr, 37,315 gals WF, 188,700 gals gel, 10,533# 100 mesh, 198,675# 20/40 Brown snd, 19,033# 20/40 CRC.
  3. Acidized w/ 3,000 gals 15%.  
Perf @ 6402 – 6088, 36 holes. Frac w/21,384 gals treated wtr, 37,208 gals WF, 187,086 gals gel, 11,222# 100 mesh, 194,275# 20/40 Brown snd, 21,430# Crc.
  4. Acidize w/3,000 gals 15%.  
Perf @ 5928 – 5608, 36 holes. Frac w/18,741 gals treated wtr, 35,099 gals WF, 187,153 gals gel, 11,185# 100 mesh, 205,316# 20/40 Brown snd, 23,583# 20/40 Crc.
  5. Acidize w/3,000 gals 15%.  
Perf @ 5448 – 5128, 36 holes. Frac w/ 16,803 gals treated wtr, 35,076 WF, 181,540 gals gel, 11,434# 100 mesh, 204,502# 20/40 Brown snd, 21,285# 20/40 Crc. 2/15/13
  6. Acidized w/3,000 gals 15%.  
Perf @ 4969 – 4648, 36 holes. Frac w/17,241 gals treated wtr, 35,151 gals WF, 189,167 gals gel, 10,857# 100 mesh, 190,521# 20/40 Brown snd, 23,925# 20/40 Crc.
  7. Acidized w/3,000 gals 15%.  
Perf @ 4488 – 4168, 36 holes. Frac w/ 13,131 gals treated wtr, 36,292 gals FW, 188,146 gals gel, 11,954# 100 mesh, 206,362# 20/40 Brown snd, 21,676# 20/40 Crc.
  8. Acidized w/ 3,000 gals 15%.  
Perf @ 4008 – 3688, 36 holes. Frac w/11,762 gals treated wtr, 35,056 gals WF, 186,364 gals gel, 11,311# 100 mesh, 198,319# 20/40 Brown snd, 20,593# 20/40 Crc.
  9. Acidized w/ 3,000 gals 15%.  
Perf @ 3528 – 3208, 36 holes. Frac w/12,792 gals treat wtr, 34,958 gals WF, 189,014 gals gel, 10,946# 100 mesh, 188,250# 20/40 Brown snd, 43,802# 20/40 Crc.
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