

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

Form C-105  
 Revised August 1, 2011

APR 27 2015  
 RECEIVED

1. WELL API NO. 30-015-41443  
 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: Yucca State  
 6. Well Number: 4

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 Avenue, Midland, TX 79701  
 11. Pool name or Wildcat: Empire; Glorieta-Yeso 26770

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	16	17S	31E		2310	South	430	West	Eddy
BH:										

13. Date Spudded: 2/28/15  
 14. Date T.D. Reached: 3/7/15  
 15. Date Rig Released: 3/8/15  
 16. Date Completed (Ready to Produce): 3/25/15  
 17. Elevations (DF and RKB, RT, GR, etc.): 3768' GR  
 18. Total Measured Depth of Well: 6443  
 19. Plug Back Measured Depth: 6383  
 20. Was Directional Survey Made?: No  
 21. Type Electric and Other Logs Run: Compensated Neutron Log

22. Producing Interval(s), of this completion - Top, Bottom, Name: 4900 - 6150 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	54.5	426	17-1/2	500sx	
8-5/8	32#	1832	11	600sx	
5-1/2	17#	6428	7-7/8	1000sx	

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-7/8	6262	

26. Perforation record (interval, size, and number):  
 4900 - 5150 .38, 54 holes, Open  
 5450 - 5650 .38, 54 holes, Open  
 5700 - 5900 .38, 54 holes, Open  
 5950 - 6150 .38, 54 holes, Open

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
 DEPTH INTERVAL: 4900 - 6150  
 AMOUNT AND KIND MATERIAL USED: See Attachment.

**28. PRODUCTION**

Date First Production: 3/26/15  
 Production Method: 2-1/2x2x24 (Flowing, gas lift, pumping - Size and type pump)  
 Well Status: Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3/31/15	24			42	146	502	3476

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
70	70		42	146	502	37.0

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

31. List Attachments: C-102, C-103, C-104, survey

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: Jackson  
 Printed Name: Chasity Jackson Title: Regulatory Analyst Date: 4/13/15  
 E-mail Address: jackson@concho.com

500  
 9/2/15

**Yucca State #4**  
**API#: 30-015-41443**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4900 - 5150	Acidized w/2044 gals 7.5% HCL.
	Frac w/212,055 gals gel, 226,012# 16/30 brady
	sand, 42,548# 16/30 Super LC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5450 - 5650	Acidized w/1506 gals 7.5% HCL.
	Frac w/132,550 gals gel, 150,827# 16/30 brady
	sand, 30,712# 16/30 Super LC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5700 - 5900	Acidized w/1571 gals 7.5% HCL.
	Frac w/140,315 gals gel, 149,222# 16/30 brady
	sand, 30,774# 16/30 Super LC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5950 - 6150	Acidized w/1561 gals 7.5% HCL.
	Frac w/135,420 gals gel, 149,909# 16/30 brady
	sand, 29,769# 16/30 Super LC.