

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.  
30-015-31279  
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  
State S-19  
6. Well Number: 16

RECEIVED  
NOV 29 2012  
NMOCD ARTESIA

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 (9610) 96210

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	J	19	17S	29E		2310	South	2185	East	Eddy
BH:										

13. Date Spudded 9/30/00	14. Date T.D. Reached 8/14/12	15. Date Rig Released 9/23/12	16. Date Completed (Ready to Produce) 9/23/12	17. Elevations (DF and RKB, RT, GR, etc.) 3692 GR
18. Total Measured Depth of Well 5340'	19. Plug Back Measured Depth 5236	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run None	

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

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	369	12-1/4	325 sx	
5-1/2	17	4460	7-7/8	1615 sx	

Hole?

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4.0"	4302	5318	140		2-7/8"	4292'	

26. Perforation record (interval, size, and number)  
5000-5200, 1 spf, 0.34, 26 shots  
4700-4900, 1 spf, 0.34, 26 shots  
4400-4600, 1 spf, 0.34, 26 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
See attachment*	

PRODUCTION

28. Date First Production 5/16/00		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2x1-1/2x24 RHBC-HVR			Well Status (Prod. or Shut-in) Prod		
Date of Test 9/22/12	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 44	Gas - MCF 42	Water - Bbl. 106	Gas - Oil Ratio 955
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl. 44	Gas - MCF 42	Water - Bbl. 106	Oil Gravity - API - (Corr.) 38.0	

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

30. Test Witnessed By  
Kent Greenway

31. List Attachments  
C-144 closure, Gyro Survey, C-103

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 *B. Maiorino* Printed Name Brian Maiorino Title Regulatory Analyst Date 11/28/12

E-mail Address bmaiorino@concho.com

*Handwritten signature*



#27

5000-5200 , acidize w/2500 gal 15%, frac w/114971 Gls gel carrying 146777#16/30 white+ 30045#16/30 CRC

4700-4900 , acidize w/1500 gal 15%, frac w/112935 Gls gel carrying 145419#16/30white+26646#16/30 CRC

4400-460 , acidize w/1500 gal 15%, frac w//103065 Gls gel carrying. 129875#16/30white+19066#16/30 CRC

3828-4342 , Cement squeeze w// 300 SKS OF LEAD HALCEM W/ 3%CACL, 3 LBM KO-SEAL 14.8 DENSITY  
1.37 YLD 6.24, 300 SKS TAIL HALCEM @ 14.8 DENSITY 1.33 YLD 6.34