

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

**HOBBS CCD**  
**APR 03 2014**  
**RECEIVED**

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.  
 30-025-40795  
 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  
 Lightning P-38 State  
 6. Well Number:  
 6H

7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER

8. Name of Operator  
 COG Operating LLC  
 10. Address of Operator  
 2208 W. Main Street  
 Artesia, NM 88210

9. OGRID  
 229137  
 11. Pool name or Wildcat  
 Berry; Bone Spring, North

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	H	1	21S	33E	16	3174	South	543	East	Lea
BH:	E	1	21S	33E	13	3280	South	422	West	Lea

13. Date Spudded 1/1/14  
 14. Date T.D. Reached 1/19/14  
 15. Date Rig Released 1/22/14  
 16. Date Completed (Ready to Produce) 2/5/14  
 17. Elevations (DF and RKB, RT, GR, etc.) 3751' GR  
 18. Total Measured Depth of Well 15662'  
 19. Plug Back Measured Depth 15616'  
 20. Was Directional Survey Made? Yes  
 21. Type Electric and Other Logs Run None

22. Producing Interval(s), of this completion - Top, Bottom, Name  
 11683-15565' Bone Spring

**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#	1811'	17 1/2"	1175 sx	0
9 5/8"	36# & 40#	5459'	12 1/4"	2190 sx	0
5 1/2"	17#	15620'	7 7/8"	2225 sx	0

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	10962'	

26. Perforation record (interval, size, and number)  
 11683-15565' (180)  
 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
 DEPTH INTERVAL: 11683-15565'  
 AMOUNT AND KIND MATERIAL USED: Acdz w/28434 gal 7 1/2%; Frac w/3021317# sand & 2004492 gal fluid

**PRODUCTION**

28. Date First Production 2/26/14  
 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping  
 Well Status (Prod. or Shut-in) Producing  
 Date of Test 3/15/14  
 Hours Tested 24  
 Choke Size  
 Prod'n For Test Period  
 Oil - Bbl 245  
 Gas - MCF 363  
 Water - Bbl. 481  
 Gas - Oil Ratio  
 Flow Tubing Press. 180#  
 Casing Pressure 138#  
 Calculated 24-Hour Rate  
 Oil - Bbl. 245  
 Gas - MCF 363  
 Water - Bbl. 481  
 Oil Gravity - API - (Corr.)

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

31. List Attachments  
 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: 4/2/14  
 E-mail Address: sdavis@concho.com

APR 21 2014

