

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

RECEIVED

MAY 24 2018

State of New Mexico

Energy, Minerals and Natural Resources

Form C-105

Revised April 3, 2017

1. WELL API NO.  
30-015-44319

2. Type of Lease  
 STATE  FEE  FED/INDIAN

3. State Oil & Gas Lease No.

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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  
Copperhead 31 Fee

6. Well Number:  
20H

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

8. Name of Operator  
COG Production LLC

9. OGRID  
229137

10. Address of Operator  
2208 W. Main Street  
Artesia, NM 88210

11. Pool name or Wildcat  
Purple Sage; Wolfcamp (Gas)

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	E	31	26S	29E	2	670	South	400	West	Eddy
BH:	E	19	26S	29E	2	1652	North	364	West	Eddy

13. Date Spudded 11/1/17

14. Date T.D. Reached 12/13/17

15. Date Rig Released 12/19/17

16. Date Completed (Ready to Produce) 4/15/18

17. Elevations (DF and RKB, RT, GR, etc.) 2929' GR

18. Total Measured Depth of Well 21159' / 10708'

19. Plug Back Measured Depth 21052'

20. Was Directional Survey Made? Yes

21. Type Electric and Other Logs Run None

22. Producing Interval(s), of this completion - Top, Bottom, Name  
10707-21027' Wolfcamp

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	106.5# <del>K55</del>	435'	26"	C 880 sx	
13 3/8"	61# <del>J55</del>	2606'	17 1/2"	C 2015 sx	
9 5/8"	47# <del>L80</del>	9849'	12 1/4"	C 1880 sx	
5 1/2"	23# <del>P110</del>	21147'	8 1/2"	H 4010 sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	10077'	10060'

26. Perforation record (interval, size, and number)  
10707-21027' (3036)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL: 10707-21027'  
AMOUNT AND KIND MATERIAL USED: Acdz w/207,396 gal 7 1/2%; Frac w/20,769,811# sand & 22,648,752 gal fluid

PRODUCTION

28. Date First Production 4/16/18

Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing

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
4/19/18	24	27/64"		25	1377	4021	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
2450#			25	1377	4021		

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

30. Test Witnessed By Shilo Matthews

31. List Attachments  
Surveys

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

33. Rig Release Date:

34. If an on-site burial was used at the well, report the exact location of the on-site burial:  
Latitude Longitude NAD83

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: Stormi Davis Title Regulatory Analyst Date: 5/2/18

E-mail Address: sdavis@concho.com



100 100 100

100 100 100