

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. 30-025-41938 ✓
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
Merlin State Com ✓
6. Well Number:
2H ✓

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
2208 W. Main Street
Artesia, NM 88210
11. Pool name or Wildcat
WC-025 G-07 S213430M; Bone Spring

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	32	21S	34E		440	North	660	West	Lea ✓
BH:	M	32	21S	34E		347	South	667	West	Lea ✓

13. Date Spudded 12/1/14
14. Date T.D. Reached 1/4/15
15. Date Rig Released 1/6/15
16. Date Completed (Ready to Produce) 5/14/15
17. Elevations (DF and RKB, RT, GR, etc.) 3736' GR
18. Total Measured Depth of Well 15188'
19. Plug Back Measured Depth 14850'
20. Was Directional Survey Made? Yes
21. Type Electric and Other Logs Run None

22. Producing Interval(s), of this completion - Top, Bottom, Name
11096-14825' 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#	1937'	17 1/2"	1280 sx	0
9 5/8"	40#	5856'	12 1/4"	1935 sx	0
5 1/2"	17#	15181'	8 3/4"	2245 sx	0

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	10301'	10292'

26. Perforation record (interval, size, and number)
11096-14825' (720)
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL: 11096-14825'
AMOUNT AND KIND MATERIAL USED: Acdz w/120605 gal 7 1/2%; Frac w/3112163# sand & 3572131 gal fluid

PRODUCTION

28. Date First Production 5/19/15
Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing
Well Status (Prod. or Shut-in) Producing
- | | | | | | | | |
|-------------------------|-----------------|-------------------------|------------------------|---------------|-------------------|-----------------------------|-----------------|
| Date of Test 5/24/15 | Hours Tested 24 | Choke Size | Prod'n For Test Period | Oil - Bbl 532 | Gas - MCF 300 | Water - Bbl. 1284 | Gas - Oil Ratio |
| Flow Tubing Press. 210# | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. 532 | Gas - MCF 300 | Water - Bbl. 1284 | Oil Gravity - API - (Corr.) | |

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Flared
30. Test Witnessed By Tyler Deans

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. 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  Printed Name: Stormi Davis Title Regulatory Analyst Date: 5/28/15
E-mail Address: sdavis@concho.com


JUN 08 2015

