

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.  
30-025-41346

2. Type of Lease  
☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION AND 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  
Dos Abuelos Fee

6. Well Number:  
1H

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  
Mescalero Escarpe; Bone Spring

12. Location	Unit Ltr	Section	Township	Range	Lot	90	N/S Line	Feet from the	E/W Line	County
Surface:	C	20	18S	34E		190	North	2310	West	Lea
BH:	N	20	18S	34E		342	South	2297	West	Lea

13. Date Spudded  
3/3/14

14. Date T.D. Reached  
3/25/14

15. Date Rig Released  
3/28/14

16. Date Completed (Ready to Produce)  
5/9/14

17. Elevations (DF and RKB, RT, GR, etc.)  
4059' GR

18. Total Measured Depth of Well  
14445'

19. Plug Back Measured Depth  
14423'

20. Was Directional Survey Made?  
Yes

21. Type Electric and Other Logs Run  
None

22. Producing Interval(s), of this completion - Top, Bottom, Name  
9910-14335' 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#	1843'	17 1/2"	1240 sx	0
9 5/8"	36#	3383'	12 1/4"	910 sx	0
5 1/2"	17#	14428'	7 7/8"	2240 sx (TOC@1370' - CBL)	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	9502'	9485'

26. Perforation record (interval, size, and number)  
9910-14276' (506)  
14325-14335' (60)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL  
9910-14276'  
AMOUNT AND KIND MATERIAL USED  
Acidz w/67781 gal 7 1/2%; Frac w/2765277# sand & 3110058 gal fluid

28. PRODUCTION

Date First Production  
5/12/14

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

Well Status (Prod. or Shut-in)  
Producing

Date of Test 5/26/14	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1077	Gas - MCF 250	Water - Bbl. 1090	Gas - Oil Ratio
Flow Tubing Press. 210#	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 1077	Gas - MCF 250	Water - Bbl. 1090	Oil Gravity - API - (Corr.)	

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

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  
Printed Name: Stormi Davis  
Title Regulatory Analyst  
Date: 6/4/14

E-mail Address: sdavis@concho.com

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy_____	T. Canyon_____	T. Ojo Alamo_____	T. Penn A"_____
T. Salt_____1895'	T. Strawn_____	T. Kirtland_____	T. Penn. "B"_____
B. Salt_____3164'	T. Atoka_____	T. Fruitland_____	T. Penn. "C"_____
T. Yates_____3356'	T. Miss_____	T. Pictured Cliffs_____	T. Penn. "D"_____
T. 7 Rivers_____3813'	T. Devonian_____	T. Cliff House_____	T. Leadville_____
T. Queen_____4543'	T. Silurian_____	T. Menefee_____	T. Madison_____
T. Grayburg_____	T. Montoya_____	T. Point Lookout_____	T. Elbert_____
T. San Andres_____	T. Simpson_____	T. Mancos_____	T. McCracken_____
T. Glorieta_____	T. McKee_____	T. Gallup_____	T. Ignacio Otzte_____
T. Paddock_____	T. Ellenburger_____	Base Greenhorn_____	T. Granite_____
T. Blinebry_____	T. Rustler_____1817'	T. Dakota_____	
T. Tubb_____	T. Delaware_____5965'	T. Morrison_____	
T. Drinkard_____	T. Bone Spring Lm_____7394'	T. Todilto_____	
T. Abo_____	T. 1 <sup>st</sup> Bone Spring_____8850'	T. Entrada_____	
T. Wolfcamp_____	T. 2 <sup>nd</sup> Bone Spring_____9307'	T. Wingate_____	
T. Penn_____	T. _____	T. Chinle_____	
T. Cisco (Bough C)_____	T. _____	T. Permian_____	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology