

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

RECEIVED  
MAR 21 2013  
CONCHO ARTESIA

Form C-105  
Revised August 1, 2011

1. WELL API NO.  
30-015-40256

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  
SRO State Unit

6. Well Number:  
31H

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  
Hay Hollow; Bone Spring

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	G	4	26S	28E		1580	North	2120	East	Eddy
BH:	O	9	26S	28E		331	South	2048	East	Eddy

13. Date Spudded  
11/29/12

14. Date T.D. Reached  
12/20/12

15. Date Rig Released  
12/25/12

16. Date Completed (Ready to Produce)  
2/3/13

17. Elevations (DF and RKB, RT, GR, etc.)  
2987' GR

18. Total Measured Depth of Well  
16394'

19. Plug Back Measured Depth  
16392'

20. Was Directional Survey Made?  
Yes

21. Type Electric and Other Logs Run  
None

22. Producing Interval(s), of this completion - Top, Bottom, Name  
8229-16340' 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"	48#	375'	17 1/2"	375 sx	0
9 5/8"	36#	2440'	12 1/4"	835 sx	0
5 1/2"	17#	16394'	7 7/8"	2720 sx (TOC@1710'-TS)	0

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	7367'	7352'

26. Perforation record (interval, size, and number)

8229-16272' (920)  
16330-16340' (60)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8229-16272'	Acidz w/60270 gal 7 1/2%; Frac w/6037840# sand & 4725325 gal fluid

28. PRODUCTION

Date First Production  
2/9/13

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

Well Status (Prod. or Shut-in)  
Producing

Date of Test 3/10/13	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1289	Gas - MCF 2209	Water - Bbl. 2227	Gas - Oil Ratio
Flow Tubing Press. 440#	Casing Pressure 950#	Calculated 24-Hour Rate	Oil - Bbl. 1289	Gas - MCF 2209	Water - Bbl. 2227	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  
Printed Name: Stormi Davis  
Title Regulatory Analyst  
Date: 3/20/13

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 655'	T. Strawn		T. Kirtland	T. Penn. "B"
B. Salt 2234'	T. Atoka		T. Fruitland	T. Penn. "C"
T. Yates	T. Miss		T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian		T. Cliff House	T. Leadville
T. Queen	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. Blinbry	T. Gr. Wash		T. Dakota	
T. Tubb	T. Rustler	0'	T. Morrison	
T. Drinkard	T. Lamar	2438'	T. Todilto	
T. Abo	T. Bone Springs Lm	6110'	T. Entrada	
T. Wolfcamp	T. 1 <sup>st</sup> Bone Spring	7073'	T. Wingate	
T. Penn	T. 2 <sup>nd</sup> Bone Spring	7816'	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