

DEC 05 2016

RECEIVED

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.  
30-025-42946
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)

7. Type of Completion:

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator

COG Operating LLC

5. Lease Name or Unit Agreement Name

Vast State

6. Well Number:

5H

10. Address of Operator

2208 W. Main Street  
Artesia, NM 88210

11. Pool name or Wildcat

Red Hills; Upper Bone Spring, Shale

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	17	26S	33E		210	South	1680	East	Lea
BH:	B	17	26S	33E		259	North	2300	East	Lea

13. Date Spudded 4/11/16	14. Date T.D. Reached 4/26/16	15. Date Rig Released 4/27/16	16. Date Completed (Ready to Produce) 10/17/16	17. Elevations (DF and RKB, RT, GR, etc.) 3263' GR
18. Total Measured Depth of Well 14097'		19. Plug Back Measured Depth 14030'	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run None

22. Producing Interval(s), of this completion - Top, Bottom, Name

9485-14020' 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#	840'	17 1/2"	750 sx	0
9 5/8"	40#	4904'	12 1/4"	1500 sx	0
5 1/2"	17#	14095'	8 3/4"	1950 sx (TOC @ 1820')	0

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	8772'	8762'

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

9485-14020' (1080)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9485-14020'	Acidz w/92442 gal 7 1/2%; Frac w/8,969,039# sand & 10,279,542 gal fluid

## 28. PRODUCTION

Date First Production 10/17/16		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 10/18/16	Hours Tested 24	Choke Size 46/64"	Prod'n For Test Period	Oil - Bbl 392	Gas - MCF 950	Water - Bbl. 1996	Gas - Oil Ratio
Flow Tubing Press. 520#	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 392	Gas - MCF 950	Water - Bbl. 1996	Oil Gravity - API - (Corr.)	

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

Sold

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: 11/7/16

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	T. Strawn		T. Kirtland	T. Penn. "B"
B. Salt	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. Rustler		T. Point Lookout	T. Elbert
T. San Andres	T. Lamar	4897'	T. Mancos	T. McCracken
T. Glorieta	T. Bell Canyon	4943'	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Cherry Canyon	5937'	Base Greenhorn	T. Granite
T. Blinebry	T. Brushy Canyon	7559'	T. Dakota	
T. Tubb	T. Bone Spring Lm	9034'	T. Morrison	
T. Drinkard			T. Todilto	
T. Abo			T. Entrada	
T. Wolfcamp			T. Wingate	
T. Penn			T. Chinle	
T. Cisco (Bough C)			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