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

NM OIL CONSERVATION
ARTESIA DISTRICT
JUL 08 2014
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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. 30-015-41829
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: Buena Vista 2 State
6. Well Number: 4H

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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: Gatuna Canyon; Bone Spring

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	2	20S	30E		280	South	2000	West	Eddy
BH:	4	2	20S	30E		614	North	426	West	Eddy

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)
4/11/14	4/29/14	5/1/14	6/24/14	3221' GR

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
13205'	13202'	Yes	None

22. Producing Interval(s), of this completion - Top, Bottom, Name: 8864-13112' Bone Spring

23. **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#	435'	17 1/2"	475 sx	0
9 5/8"	36#	3690'	12 1/4"	2350 sx	0
5 1/2"	17#	13205'	8 3/4"	2650 sx	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	8007'	

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

8864-12989' (460)
13102-13112' (60)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8864-12989'	Acdz w/62895 gal 7 ½%; Frac w/6017915# sand & 4600932 gal fluid

28. **PRODUCTION**

Date First Production	Production Method (*Flowing, gas lift, pumping - Size and type pump*)	Well Status (*Prod. or Shut-in*)
6/27/14	Pumping	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7/1/14	24			655	805	1231	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas – MCF	Water - Bbl.	Oil Gravity - API - (*Corr.*)
340#	110#		655	805	1231	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*): Sold
30. Test Witnessed By: Adam Olguin
31. List Attachments
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: Stormi Davis Printed Name: Stormi Davis Title: Regulatory Analyst Date: 7/7/14

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	486'	T. Strawn		T. Kirtland		T. Penn. "B"	
B. Salt	1711'	T. Atoka		T. Fruitland		T. Penn. "C"	
T. Yates	1863'	T. Miss		T. Pictured Cliffs		T. Penn. "D"	
T. 7 Rivers	2123'	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. Rustler	376'	Base Greenhorn		T. Granite	
T. Blinebry		T. Capitan	2293'	T. Dakota			
T.Tubb		T. Cherry Canyon	3722'	T. Morrison			
T. Drinkard		T. Bone Spring Lm	6419'	T.Todilto			
T. Abo		T. 1st Bone Spring	7653'	T. Entrada			
T. Wolfcamp		T. 2nd Bone Spring	8289'	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