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
NOV 25 2019
RECEIVED

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 April 3, 2017

1. WELL API NO. 30-015-45548
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 4 State Com
6. Well Number: 502H

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: Delaware River; 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	4	26S	28E		223	North	1190	West	Eddy
BH:	M	9	26S	28E		51	South	1000	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.)
3/13/19	3/28/19	3/31/19	10/22/19	2990' GR

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
18,157'	18,055'	Yes	None

22. Producing Interval(s), of this completion - Top, Bottom, Name: 8,151-17,940' 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#	715'	17 1/2"	625 sx	
9 7/8"	40 #	2441'	12 1/4"	830 sx	
5 1/2"	17#	18142'	8 3/4"	3285 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	7330'	7321'

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

18,035-18,045' (60)
8,151 – 17,940' (1400)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8,151-17,940'	Acdz w/46,578 gal 7 ½%; Frac with 20,041,943# sand & 15,492,036gal fluid

28. **PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
10/22/19	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period 24 Hrs	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10/22/19	24	35/64"		236	993	3364	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
500#	400#		236	993	3364	

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold
30. Test Witnessed By: Charlie Hoff
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. Rig Release Date: 3/31/19
34. If an on-site burial was used at the well, report the exact location of the on-site burial:
Latitude Longitude NAD83

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 Amanda Avery Printed Name: Amanda Avery Title Regulatory Tech Date 10/29/19

E-mail Address: aavery@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. Rslr	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. Montoya		T. Point Lookout	T. Elbert
T. San Andres	T. Rustler		T. Mancos	T. McCracken
T. Glorieta	T. Lamar	2426'	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Bell Canyon	2483'	Base Greenhorn	T. Granite
T. Blinebry	T. Cherry Canyon	3328'	T. Dakota	
T.Tubb	T. Brushy Canyon	4549'	T. Morrison	
T. Drinkard	T. Bone Spring GL	6146'	T.Todilto	
T. Abo	T. 1st Bone Spring	7045'	T. Entrada	
T. Wolfcamp	T. 2nd Bone Spring- Sand		T. Wingate	
T. Penn	T. 2nd Bone Spring	7880'	T. Chinle	
T. Cisco (Bough C)	T. 3rd Bone Spring		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