

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.
30-015-40414
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
Hogan State Com
6. Well Number:
3H

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
One Concho Center
600 W. Illinois Avenue
Midland, TX 79701
11. Pool name or Wildcat
Empire; Glorieta Yeso, East 96610

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	2	17S	29E		990	South	330	East	Eddy
BH:	M	2	17S	29E		980	South	345	West	Eddy

13. Date Spudded 4/3/13	14. Date T.D. Reached 4/19/13	15. Date Rig Released 4/22/13	16. Date Completed (Ready to Produce) 6/11/13	17. Elevations (DF and RKB, RT, GR, etc.) 3662' GR
18. Total Measured Depth of Well 9568MD 5129TVD		19. Plug Back Measured Depth 9571MD 5128TVD	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run HRLA/SP GR, CNL

22. Producing Interval(s), of this completion - Top, Bottom, Name
5601 - 9452 Yeso

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	48#	359	17-1/2	1350 sx	
9-5/8	40#	1358	12-1/4	500 sx	
7	26#	4488	8-3/4	0	
5-1/2	17#	9470	7-7/8	900 sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4588	

26. Perforation record (interval, size, and number) 5601 - 9452, 18 open frac ports	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	5601 - 9452	Acidize w/36,000 gals 15% HCL. Frac w/1,631,200 gals gel, 402,847 gals WaterFrac, 2,323,860# 20/40 brown sand, 378,020# 20/40 CRC, 45,000# 100 Mesh.

28. PRODUCTION

Date First Production 6/13/13		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, ESP pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 6/16/13	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 191	Gas - MCF 75	Water - Bbl 1111	Gas - Oil Ratio 393
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF.	Water - Bbl.	Oil Gravity - API - (Corr.) 36.4	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	30. Test Witnessed By Ron Beasley
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31. List Attachments
Logs, C-102, C-103, C-144, Directional Survey

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 Chasity Jackson Title Regulatory Analyst Date 9/9/13
E-mail Address: cjackson@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 1084	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 1356	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1951	T. Silurian	T. Menefee	T. Madison
T. Grayburg 2370	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2653	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 4065	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 4134	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry 4471	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Abo Shale	T. Entrada	
T. Wolfcamp	T.	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. 2, 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