

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.  
30-015-39641

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  
Patton 5 Fee

6. Well Number: 8H

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  
Atoka; Glorieta-Yeso 3250

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	M	5	19S	26E		380	South	330	West	Eddy
BH:	P	5	19S	26E		389	South	342	East	Eddy

13. Date Spudded 3/26/13	14. Date T.D. Reached 4/5/13	15. Date Rig Released 4/6/13	16. Date Completed (Ready to Produce) 5/20/13	17. Elevations (DF and RKB, RT, GR, etc.) 3363' GR
18. Total Measured Depth of Well 7291	19. Plug Back Measured Depth 7250	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run N/A	

22. Producing Interval(s), of this completion - Top, Bottom, Name  
3000 – 7350 YESO

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	32#	1234	11	1130	
5-1/2	17#	7291	7-7/8	850	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	2445	

26. Perforation record (interval, size, and number)  
3180 - 7100 .43 360 holes, Open

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL  
3180 - 7210  
AMOUNT AND KIND MATERIAL USED  
See attachment

28. PRODUCTION

Date First Production 6/3/13	Production Method (Flowing, gas lift, pumping - Size and type pump) ESP pump	Well Status (Prod. or Shut-in) Producing					
Date of Test 6/4/13	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 234	Gas - MCF 60	Water - Bbl. 1128	Gas - Oil Ratio 256
Flow Tubing Press. 70.	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl. 234	Gas - MCF 60	Water - Bbl. 1128	Oil Gravity - API - (Corr.) 38.0	

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

30. Test Witnessed By  
Kent Greenway

31. List Attachments  
C-103, C-102, C-104; survey, logs, C-144; schematic

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  
C Jackson

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	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 <u>2465</u>	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso <u>2591</u>	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

Patton 5 Fee #8H  
API#: 30-015-39641

EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3180 - 3490	Acidize w/5435 gals 15% HCL.
	Frac w/184,334 gals gel, 14,260 gals slickwater, 179,251# 20/40 brown sand, 88,597# 16/30 CRC, 5,078# 100 Mesh.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3645 - 3955	Acidize w/4193 gals 15% HCL.
	Frac w/181,520 gals gel, 14,341 gals slickwater, 225,234# 20/40 brown sand, 34,038# 16/30 CRC, 4,843# 100 Mesh.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4110 - 4420	Acidize w/4000 gals 15% HCL.
	Frac w/181,354 gals gel, 16,784 gals slickwater, 215,054# 20/40 brown sand, 31,235# 16/30 CRC, 4,577# 100 Mesh.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4575 - 4885	Acidize w/4006 gals 15% HCL.
	Frac w/182,987 gals gel, 15,610 gals slickwater, 221,840# 20/40 brown sand, 32,805# 16/30 CRC, 3,354# 100 Mesh.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5040 - 5350	Acidize w/4007 gals 15% HCL.
	Frac w/189,967 gals gel, 17,449 gals slickwater, 221,192# 20/40 brown sand, 31,395# 16/30 CRC, 4,928# 100 Mesh.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5505 - 5815	Acidize w/4005 gals 15% HCL.
	Frac w/186,185 gals gel, 16,735 gals slickwater, 222,319# 20/40 brown sand, 33,729# 16/30 CRC, 4,496# 100 Mesh.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5970 - 6280	Acidize w/4004 gals 15% HCL.
	Frac w/183,269 gals gel, 17,801 gals slickwater, 220,856# 20/40 brown sand, 35,680# 16/30 CRC, 5,229# 100 Mesh.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6435 - 6745	Acidized w/40041 gals 15% HCL.
	Frac w/184,074 gals gel, 19,383 gals slickwater, 219,443# 20/40 brown sand, 32,414# 16/30 CRC, 4,313# 100 Mesh.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6900 - 7210	Frac w/186,106 gals gel, 10,094 gals slickwater, 222,929# 20/40 brown sand, 35,295# 16/30 CRC, 5,094# 100 Mesh.