

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

****Amended****

Form C-105

Revised August 1, 2011

1. WELL API NO.

30-015-40570

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

9. OGRID

229137

10. Address of Operator

One Concho Center
600 W. Illinois Ave. Midland, TX 79701

11. Pool name or Wildcat

Empire; Glorieta-Yeso 96210

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	H	23	17S	28E		2270	North	185	East	Eddy
BH:	H	23	17S	28E		1995	North	401	East	Eddy

13. Date Spudded 10/30/12	14. Date T.D. Reached 11/5/12	15. Date Rig Released 11/6/12	16. Date Completed (Ready to Produce) 11/30/12	17. Elevations (DF and RKB, RT, GR, etc.) 3704' GR
18. Total Measured Depth of Well 5433MD 5418TVD		19. Plug Back Measured Depth 5364	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run Compensated Neutron Spectral Gamma Ray CCL

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

3720 - 4960 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	250	17-1/2	1000sx	
8-5/8	24	870	11	400sx	
5-1/2	17	5420	7-7/8	950sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5171	

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

3720 - 3970 .25, 26 holes OPEN
4190 - 4390 .25, 26 holes OPEN
4450 - 4650 .25, 26 holes OPEN
4710 - 4960 .25, 26 holes OPEN

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3720 - 3970	See Attachment
4190 - 4390	See Attachment
4450 - 4650	See Attachment
4710 - 4960	See Attachment

28. PRODUCTION

Date First Production 12/16/12		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2" x 2" x 24' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 12/19/12	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 56	Gas - MCF 108	Water - Bbl 411	Gas - Oil Ratio 1928
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24- Hour Rate	Oil - Bbl 56	Gas - MCF 108	Water - Bbl 411	Oil Gravity - API - (Corr.) 39.6	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						30. Test Witnessed By Kent Greenway	

31. List Attachments

Logs, C102, C103, Deviation Report, C104, C144.

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 5/16/13

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 702	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1519	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2214	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3647	T. McKee	T. Gallup	T. Ignacio Otzte
T. Yeso 3746	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinberry	T. Gr. Wash	T. Dakota	
T. Tubb 5170	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	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
No. 3, 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

White Oak State #27
API#: 30-015-40570
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3720 - 3970	Acidized w/2,000 gals 15% HCL.
	Frac w/98,368 gals gel, 97,634# 16/30 brown
	sand, 23,941# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4190 - 4390	Acidized w/3,250 gals 15% HCL.
	Frac w/115,393 gals gel, 144,017# 16/30 brown
	sand, 29,926# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4450 - 4650	Acidized w/3,250 gals 15% HCL.
	Frac w/113,355 gals gel, 142,400# 16/30 brown
	sand, 25,407# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4710 - 4960	Acidized w/3,250 gals 15% HCL.
	Frac w/118,077 gals gel, 151,575# 16/30 brown
	sand, 28,505# 16/30 CRC.