

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  
Santa Fe, NM 87505

RECEIVED  
OCT 08 2014  
ARTESIA DISTRICT

Form C-105  
Revised August 1, 2011

1. WELL API NO.  
30-015-41490

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  
Cadillac State

6. Well Number: 8

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 96210

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	15	17S	29E		330	South	1650	West	Eddy
BH:										

13. Date Spudded 8/11/14	14. Date T.D. Reached 8/16/14	15. Date Rig Released 8/16/14	16. Date Completed (Ready to Produce) 9/16/14	17. Elevations (DF and RKB, RT, GR, etc.) 3556' GR
18. Total Measured Depth of Well 5450	19. Plug Back Measured Depth 5394	20. Was Directional Survey Made? No	21. Type Electric and Other Logs Run Compensated Neutron CCL/HNGS	

22. Producing Interval(s), of this completion - Top, Bottom, Name  
3976 - 5310 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	54.5#	352	17-1/2	559	
8-5/8	24#	847	11	400	
5-1/2	17#	5442	7-7/8	1000	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5368	

26. Perforation record (interval, size, and number) 3976 - 5310 .43 128 holes, Open	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3976 - 5310	Acidize w/4,600 gals 15% HCL. Frac w/539,531 gals gel, 576,225# 16/30 brady sand, 115,167# 16/30 SLC.

28. PRODUCTION

Date First Production 9/20/14		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2" x 1-3/4" x 20' pump			Well Status (Prod. or Shut-in) Producing		
Date of Test 9/21/14	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 112	Gas - MCF 249	Water - Bbl. 421	Gas - Oil Ratio 2223
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl. 112	Gas - MCF 249	Water - Bbl. 421	Oil Gravity - API - (Corr.) 39.3	

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

30. Test Witnessed By  
Ron Beasley

31. List Attachments  
C-103, C-102, C-104, survey, log, C-144

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  
CJackson

Printed  
Name Chasity Jackson Title Regulatory Analyst Date 10/1/14

E-mail Address  
cjackson@concho.com

AB

# 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 887	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 1172	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1777	T. Silurian	T. Menefee	T. Madison
T. Grayburg 2161	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2439	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3875	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 3875	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry 4403	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso	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. 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