

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
State of New Mexico
ARTESIA DISTRICT
Energy, Minerals and Natural Resources
DEC 23 2014
Oil Conservation Division
RECEIVED
1000 St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised August 1, 2011

1. WELL API NO.
30-015-41453
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: 6

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		1103	South	1650	West	Eddy
BH:										

13. Date Spudded 10/5/14	14. Date T.D. Reached 10/11/14	15. Date Rig Released 10/12/14	16. Date Completed (Ready to Produce) 11/11/14	17. Elevations (DF and RKB, RT, GR, etc.) 3562' GR
18. Total Measured Depth of Well 5446	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
3965 - 5300 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#	391	17-1/2	1175	
8-5/8	24#	851	11	400	
5-1/2	17#	5446	7-7/8	950	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5377	

26. Perforation record (interval, size, and number) 3965 - 5300 .43 128 holes, Open	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3965 - 5300 AMOUNT AND KIND MATERIAL USED Acidize w/3,951 gals 7.5% HCL. Frac w/500,620 gals gel, 608,411# 16/30 brady sand, 159,752# 16/30 SLC.
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28. PRODUCTION

Date First Production 11/12/14		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 11/15/14	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 207	Gas - MCF 238	Water - Bbl. 343	Gas - Oil Ratio 1150
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl. 207	Gas - MCF 238	Water - Bbl. 343	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 
Printed Name Chasity Jackson Title Regulatory Analyst Date 12/8/14
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 843	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 1170	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1774	T. Silurian	T. Menefee	T. Madison
T. Grayburg 2156	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2437	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3868	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 3936	T. Ellenburger	T. Base Greenhorn	T. Granite
T. Blinebry 4399	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