

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

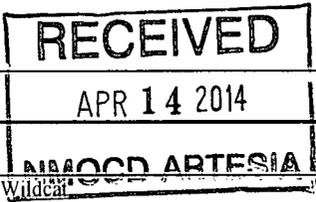
Form C-105
Revised August 1, 2011
1. WELL API NO.
30-015-41456
2. Type of Lease
 STATE FEE FED/INDIAN
3. State Oil & Gas Lease No.

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: 7

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	2310	West	Eddy
BH:										

13. Date Spudded 2/17/14	14. Date T.D. Reached 2/22/14	15. Date Rig Released 2/23/14	16. Date Completed (Ready to Produce) 3/25/14	17. Elevations (DF and RKB, RT, GR, etc.) 3570' GR
18. Total Measured Depth of Well 5450	19. Plug Back Measured Depth 5380	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
3955 - 5320 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#	309	17-1/2	400	
8-5/8	24#	870	11	400	
5-1/2	17#	5444	7-7/8	1000	

24. LINER RECORD **25. TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5311	

26. Perforation record (interval, size, and number) 3955 - 5320 .43 112 holes, Open	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3955 - 5320 AMOUNT AND KIND MATERIAL USED Acidize w/16,695 gals 15% HCL. Frac w/560,787 gals gel, 17,430 gals WaterFrac R9, 45,658 gals treated water, 667,602# 16/30 white sand, 137,800# 16/30 CRC,
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28. PRODUCTION

Date First Production 3/25/14	Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2" x 1-3/4" x 20' RHBC pump	Well Status (Prod. or Shut-in) Producing					
Date of Test 3/27/14	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 143	Gas - MCF 222	Water - Bbl. 340	Gas - Oil Ratio .1552
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl 143	Gas - MCF 222	Water - Bbl. 340	Oil Gravity - API - (Corr.) 37.0	

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

30. Test Witnessed By
Ron Beasley

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

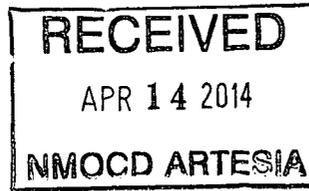
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

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
Printed Name Chasity Jackson Title Regulatory Analyst Date 4/4/14
Signature *C Jackson*
E-mail Address cjackson@concho.com

Hydraulic Fracturing Fluid Product Component Information Disclosure

Fracture Date:	3/25/2014
State:	New Mexico
County:	Eddy
API Number:	3001541456
Operator Name:	COG OPERATING LLC - EBUS
Well Name and Number:	Cadillac State #7
Longitude:	
Latitude:	
Long/Lat Projection:	
Production Type:	Oil
True Vertical Depth (TVD):	5,450
Total Water Volume (gal)*:	621,323



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator				100.00%	83.98521%	Density = 8.340
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30.00%	0.75664%	
Premium Brown - 16/30	Halliburton				100.00%	10.89945%	Not Found in DB
CRC - 16/30	Halliburton				100.00%	1.95303%	Not Found in DB
LoSurf-360W	Halliburton	Surfactant	Complex alkylamine	Confidential Business Information	5.00%	0.00214%	
			Glycerine	56-81-5	10.00%	0.00427%	
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30.00%	0.01282%	
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10.00%	0.00411%	
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60.00%	0.04755%	
			Ethoxylated nonylphenol	Confidential Business Information	60.00%	0.04755%	
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30.00%	0.00011%	
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30.00%	0.01961%	
			Monoethanolamine borate	26038-87-9	100.00%	0.06537%	
CAT-1	Third Party				39.00%	0.00428%	
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100.00%	0.02431%	
BE-6 MICROBIOCID	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100.00%	0.00039%	
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30.00%	0.00227%	
			Walnut hulls	Mixture	100.00%	0.00757%	
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100.00%	0.36813%	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

v2.9

All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1200(i) and Appendix D.