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30-015-41456

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

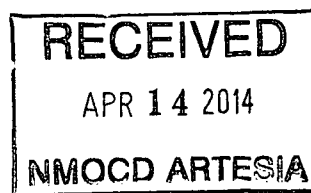
From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

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			<input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN					
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing:					5. Lease Name or Unit Agreement Name					
<input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)					Cadillac State					
<input checked="" type="checkbox"/> 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)					6. Well Number: 7					
7. Type of Completion:					<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED APR 14 2014 </div>					
<input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator					9. OGRID					
COG Operating LLC					229137					
10. Address of Operator					11. Pool name or Wildcat					
One Concho Center, 600 W. Illinois Avenue Midland, TX 79701					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	14. Date T.D. Reached		15. Date Rig Released		16. Date Completed (Ready to Produce)			17. Elevations (DF and RKB, RT, GR, etc.)		
2/17/14	2/22/14		2/23/14		3/25/14			3570' GR		
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?			21. Type Electric and Other Logs Run			
5450		5380		No			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										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD			
							SIZE DEPTH SET PACKER SET 2-7/8 5311			
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
3955 - 5320 .43 112 holes, Open						DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3955 - 5320 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.				
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
3/25/14		2-1/2" x 1-3/4" x 20' RHBC pump				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
3/27/14	24			143	222	340	1552			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
70	70		143	222	340	37.0				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)							30. Test Witnessed By			
Sold							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										
Signature			Printed Name		Title		Date			
C Jackson			Chasity Jackson		Regulatory Analyst		4/4/14			
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%	
pH 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 MICROBIOCIDE	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.