

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised February 15, 2012				
		1. WELL API NO. 30-015-41251				
		2. Well Name: CEDAR CANYON 16 STATE #007H				
		3. Well Number: 007H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment	4. Surface Hole Location: Unit:E Lot:E Section:15 Township:24S Range:29E Feet from:2485 N/S Line:N Feet from:330 E/W Line:W					
	5. Bottom Hole Location: Unit:E Lot:E Section:15 Township:24S Range:29E Feet from:2485 N/S Line:N Feet from:330 E/W Line:W					
	6. Latitude: Longitude: 32.2180816210575 - 103.979838195402					
	7. County: Eddy					
8. Operator Name and Address: OXY USA INC PO Box 4294 Houston 77210		9. OGRID: 16696	10. Phone Number: 713-366-5485			
11. Last Fracture Date: 6/12/2013 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 96473		14. Gross Fractured Interval: 9,200 ft to 13,560 ft				
15. True Vertical Depth (TVD): 8,699 ft		16. Total Volume of Fluid Pumped: 1,251,771 gals				
17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Fresh Water	Operator	Base Fluid	Water	7732-18-5	100%	80.85159%
HYDROCHLORIC ACID 15%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	15%	0.25014%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	8.63032%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	8.27341%
			Hexamethylenetetramine	100-97-0	2%	0.16547%
			Phenol / formaldehyde resin	9003-35-4	5%	0.41367%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00133%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.01722%
SCALECHECK LP-55 SCALE INHIBITOR	Halliburton	Scale Inhibitor	Polyacrylate	Confidential Business Information	60%	0.02324%
RockOn™ MX 5-2673	Multi-Chem	Surfactant	2-Butoxyethanol	111-76-2	10%	0.01355%
			Ethoxylated Alcohols	Proprietary	30%	0.04064%
			Methanol	67-56-1	70%	0.09482%
			Potassium chloride	7447-40-7	5%	0.00677%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.02503%
			Monoethanolamine borate	26038-87-9	100%	0.08343%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.05527%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.05527%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.01069%
			Silica, amorphous precipitated	67762-90-7	30%	0.00321%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00012%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.17359%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00047%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.00023%
Ingredients Listed Below This Line Are Part of the			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			2,7-Naphthalenedisulfonic acid, 5-(acetylamino) -4-hydroxy-3-[(2-methoxyphenyl) azo] -, disodium salt	6625-46-3	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Food red 10	3734-67-6	0%	0%
			Polypropylene glycol	25322-69-4	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
Water	7732-18-5	0%	0%			
18. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief.						
Signature: Signed Electronically Printed Name: Jennifer Duarte Title: Regulatory Specialist						
Date: 10/10/2013						
E-mail Address: jennifer_duarte@oxy.com						

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.