

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. 30-015-39856						
		2. Well Name: CEDAR CANYON 16 #001H						
		3. Well Number: 001H						
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:D Section:16 Township:24S Range:29E Feet from:380 N/S Line:N Feet from:660 E/W Line:W						
		5. Bottom Hole Location: Unit:D Lot:D Section:16 Township:24S Range:29E Feet from:380 N/S Line:N Feet from:660 E/W Line:W						
		6. latitude: longitude: 32.2238348971667 - 103.995892494221						
		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: 7/16/2012 Frac Performed by: Superior Well Services					12. Production Type: O			
13. Pool Code(s): 96238					14. Gross Fractured Interval: 8,620 ft to 10,505 ft			
15. True Vertical Depth (TVD): 7,685 ft					16. Total Volume of Fluid Pumped: 26,295 bbls			
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)		
HCL Acid (12.5% -18.0%)	Superior Well Services	Bulk Acid	Hydrogen Chloride	7641-01-1	18%	0.245516%		
			Water	7732-18-5	87.5%	1.193479%		
Acid Inhibitor 3M (AI-3M)	Superior Well Services	Acid Corrosion Inhibitors	2-Butoxyethanol	111-76-2	3%	6.4E-05%		
			Cinnamaldehyde	104-55-2	5%	0.000107%		
			Ethoxylated Nonyphenol	68412-54-4	5%	0.000107%		
			Ethylene Glycol	107-21-1	37%	0.000794%		
			Isopropyl Alcohol	67-63-0	3%	6.4E-05%		
			N,N-Dimethylformamide	68-12-2	13%	0.000279%		
			Tar bases, quinoline derivs, benzyl chloride-quaternized	72480-70-7	10%	0.000215%		
			Triethyl Phosphate	78-40-0	3%	6.4E-05%		
			Water	7732-18-5	25%	0.000537%		
KR-153SL	Superior Well Services	Biocides	2,2-dibromo-3-nitrilopropionamide	10222-01-2	20%	0.004498%		
			Water	7732-18-5	80%	0.017992%		
ClayTreat LT	Superior Well Services	Clay Control Additives	ammonium, (2-Hydroxyethyl) trimethyl-, chloride	67-48-1	80%	0.058174%		
			Demineralized Water	7732-18-5	50%	0.036359%		
XL-11	Superior Well Services	Cross-linkers	Ethylene Glycol	107-21-1	10%	0.011784%		
			Potassium Hydroxide	1310-58-3	5%	0.005892%		
			Potassium Metaborate	13709-94-9	30%	0.035352%		
			Water	7732-18-5	75%	0.088379%		
EB-4L	Superior Well Services	Gel Breakers	Cellulase enzyme	XXXX-XX-X (Proprietary)	0%	0%		
			Demulsifier Base	XXXX-XX-X (Proprietary)	0%	0%		
			Ethylene Glycol	107-21-1	25%	0.000132%		
			Proprietary	XXXX-XX-X (Proprietary)	0%	0%		
			Sugar	57-50-1	0%	0%		
			Water	7732-18-5	0%	0%		
OB Breaker	Superior Well Services	Gel Breakers	Ammonium Persulfate	7727-54-0	100%	0.002565%		
LSG-100L	Superior Well Services	Gelling Agents	guar gum	9000-30-0	50%	0.192234%		
			Petroleum Distillates	64742-47-8	60%	0.23068%		
			Surfactant	68439-51-0	2%	0.007689%		
			Suspending agent (solid)	14808-60-7	2%	0.007689%		
ULT Resin Sand Activator	Superior Well Services	Proppants - Manufactured			0%	0%		
Super TSC-LT	Superior Well Services	Paraffin & Scale Additives	Proprietary	Proprietary	15%	0.008602%		
			Proprietary	Proprietary	15%	0.008602%		
			Proprietary	Proprietary	15%	0.008602%		
			Proprietary	Proprietary	50%	0.028672%		
			Water	7732-18-5	60%	0.034406%		
Super Stim-240 E	Superior Well Services	Surfactants & Foamers	Alcohol Ethoxylate Surfactants	Proprietary	20%	0.013605%		
			Methyl Alcohol	67-56-1	20%	0.03605%		
			Water	7732-18-5	80%	0.054419%		
Super OW 3	Superior Well Services	Surfactants & Foamers	Cocoamido Tertiary Amine	XXXX-XX-X (Proprietary)	0%	0%		
			Dichloroethyl ether (DCEE)	111-44-4	0%	0%		
			Dimethylcocoamine, bis(chloroethyl) ether, diquatarnary ammonium salt	68607-28-3	5%	5.6E-05%		
			Isopropyl Alcohol	67-63-0	35%	0.000389%		
			Methanol	67-56-1	10%	0.000111%		
			Water	7732-18-5	0%	0%		
Santrol Super LC 20/40	Superior Well Services	Proppants - Manufactured - Santrol	Aluminum Oxide	1344-28-1	1%	0.11354%		
			Crystalline Silica (Quartz)	14808-60-7	89%	10.105086%		
			Iron Oxide	1309-37-1	0.1%	0.011354%		
			phenolic resin	9003-35-4	20%	2.270806%		
			Titanium Oxide	13463-67-7	0.1%	0.011354%		
Third Party	Third Party	Iron Control Additives			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: KAREN M SINARD Title: _____ Date: 1/28/2013 E-mail Address: karen_sinard@oxy.com								
NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.								