

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 November 6, 2013							
		1. WELL APT NO: 30-015-43281							
		2. Well Name: CEDAR CANYON 23 FEDERAL #004H							
		3. Well Number: 004H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:H Lot:H Section:22 Township:24S Range:29E Feet from:1415 N/S Line:N Feet from:155 E/W Line:E							
		5. Bottom Hole Location: Unit:F Lot:F Section:24 Township:24S Range:29E Feet from:1393 N/S Line:N Feet from:2439 E/W Line:W 6. latitude: longitude:							
		32.2062205 -103.9637656							
		7. County: Eddy							
8. Operator Name and Address: OXY USA INC PO Box 4294 Houston 77210		9. OGRID: 16696	10. Phone Number: 713-366-5716						
11. Last Fracture Date: 1/12/2016 Frac Performed by: SCHLUMBERGER		12. Production Type: O							
13. Pool Code(s): 96473		14. Gross Fractured Interval: 9,312 ft to 16,403 ft							
15. True Vertical Depth (TVD): 9,006 ft		16. Total Volume of Fluid Pumped: 5,287,330 gals							
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed							
19. 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			
Slickwater, HCL 7.5, Treated Water, WF115, YF115FI	Schlumberger	Acid Corrosion Inhibitor, Scale Inhibitor, Water Gelling Agent, Temporary Clay Stabiliz	Water (Including Mix Water Supplied by Client)*	NA					
			1, 2, 3 - Propanetriol	56-81-5	0.00033%	6E-05%			
			Tetrasodium ethylenediaminetetraacetate	GeOeral	0.00492%	0.00096%			
			Ethanol	64-17-5	1E-05%	1E-05%			
			Acetic acid	64-19-7	1E-05%	1E-05%			
			2-Hydroxy-N,N,N-trimethylethanaminium chloride	67-48-1	0.1398%	0.02725%			
			Propan-2-ol	67-63-0	0.00344%	0.00067%			
			Oxirane	75-21-8	1E-05%	1E-05%			
			Propylene oxide	75-56-9	1E-05%	1E-05%			
			2-Propenamid (impurity)	GeOeral	0.00013%	3E-05%			
			Cinnamaldehyde	104-55-2	0.00032%	6E-05%			
			Ethylene Glycol	107-21-1	0.05286%	0.0103%			
			Oleic acid	112-80-1	1E-05%	1E-05%			
			1,4-Dioxane	123-91-1	1E-05%	1E-05%			
			Acetic acid, potassium salt	GeOeral	1E-05%	1E-05%			
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.00013%	3E-05%			
			Potassium oleate	143-18-0	1E-05%	1E-05%			
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.00013%	3E-05%			
			Sodium sulfocyanate	540-72-7	0.00077%	0.00015%			
			Sodium hydroxide	1310-73-2	0.00013%	3E-05%			
			Sorbitan monooleate	1338-43-8	0.00296%	0.00058%			
			Sodium Glycolate (impurity)	2836-32-0	0.0004%	8E-05%			
			Trisodium nitrilotriacetate (impurity)	5064-31-3	7E-05%	1E-05%			
			Magnesium Sulfate	7487-88-9	0.00045%	9E-05%			
			Silicon Dioxide	7631-86-9	0.00139%	0.00027%			
			Sodium chloride	7647-14-5	0.03157%	0.00615%			
			Diammonium peroxodisulphate	7727-54-0	0.04659%	0.00908%			
			Magnesium chloride	7786-30-3	0.0248%	0.00483%			
			Guar gum	9000-30-0	0.50986%	0.09937%			
			poly(tetrafluoroethylene)	9002-84-0	8E-05%	2E-05%			
			Dodecyl poly(oxyethylene) ether	9002-92-0	4E-05%	1E-05%			
			Methyl oxirane polymer with oxirane	GeOeral	7E-05%	1E-05%			
			Ethoxylated oleic acid	9004-96-0	0.00296%	0.00058%			
			Calcium chloride	10043-52-4	0.00676%	0.00132%			
			2-Propenoic acid, ammonium salt	10604-69-0	0.00073%	0.00014%			
			Ammonium chloride	12125-02-9	0.0148%	0.00288%			
			Magnesium silicate hydrate (talc)	14807-96-6	0.0002%	4E-05%			
			Quartz, Crystalline silica	14808-60-7	99.04001%	19.30232%			
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.00642%	0.00125%			
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0.02368%	0.00461%			
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00049%	0.0001%			
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	3E-05%	1E-05%			
			Polyethylene glycol monohexyl ether	31726-34-8	0.02345%	0.00457%			
			Polyethylenimin, polymer with ethylene oxide and propylene oxide	52501-07-2	0.00017%	3E-05%			
			Sorbitol Tetraoleate	61723-83-9	0.00089%	0.00017%			
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00098%	0.00019%			
			Amines, tallow alkyl, ethoxylated	61791-26-2	9E-05%	2E-05%			
			Petroleum	64742-47-8	0.03108%	0.00606%			
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	3E-05%	1E-05%			
			Alcohols, C10-C16, ethoxylated	68002-97-1	0.00059%	0.00012%			
			Crosslinked PO/EO-block polymer	68123-18-2	0.00013%	3E-05%			
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00088%	0.00017%			
			Alcohols, C12-C14, ethoxylated	68439-50-9	0.00044%	9E-05%			
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00118%	0.00023%			
			Alcohol, C11-14, ethoxylated	78330-21-9	3E-05%	1E-05%			
			C14 alpha olefin ethoxylate	84133-50-6	0.00044%	9E-05%			
			SODIUM SALT OF POLYMALEIC ACID COPOLYMER	111560-38-4	0.02268%	0.00442%			
			† Proprietary Technology					0%	0%
			20. 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: David Stewart		Title: Sr. Regulatory Advisor				
Date: 1/28/2016									
E-mail Address: david_stewart@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.