

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				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO: 30-015-43232				
		2. Well Name: CEDAR CANYON 27 FEDERAL #006H				
		3. Well Number: 006H				
		4. Surface Hole Location: Unit:I Loc:I Section:28 Township:24S Range:29E Feet from:1920 N/S Line:S Feet from:200 E/W Line:E				
5. Bottom Hole Location: Unit:I Loc:I Section:27 Township:24S Range:29E Feet from:1755 N/S Line:S Feet from:250 E/W Line:E						
6. latitude: 32.1862445		longitude: -103.9810974				
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: 12/12/2015 Frac Performed by: SCHLUMBERGER		12. Production Type: O				
13. Pool Code(s): 96473		14. Gross Fractured Interval: 9,257 ft to 13,441 ft				
15. True Vertical Depth (TVD): 8,740 ft		16. Total Volume of Fluid Pumped: 3,283,720 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, YF115F1	Schlumberger	Acid Corrosion Inhibitor, Demulsifier, Scale Inhibitor, Water Gelling Agent, Temporary Clay Stabiliz	Water (Including Mix Water Supplied by Client)*	NA	0%	80.63%
			1, 2, 3 - Propanetriol	56-81-5	0%	0%
			Tetrasodium ethylenediaminetetraacetate	GeoEral	0.01%	0%
			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	0.14%	0.03%
			Propan-2-ol	67-63-0	0%	0%
			Oxirane	75-21-3	1E-05%	1E-05%
			Propylene oxide	75-58-9	1E-05%	1E-05%
			2-Propenamid (impurity)	GeoEral	0%	1E-05%
			Cinnamaldehyde	104-55-2	0%	0%
			Ethylene Glycol	107-21-1	0.06%	0.01%
			Glutaraldehyde	111-30-8	0.01%	0%
			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%	0%
			Potassium oleate	143-18-0	1E-05%	1E-05%
			Trisodium ethylenediaminetetraacetate (impurity)	150-38-9	0%	0%
			Sodium sulfocyanate	540-72-7	0%	0%
			Sodium hydroxide	1310-73-2	0%	0%
			Sorbitan monooleate	1338-43-8	0%	0%
			Decyl-dimethyl amine oxide	2605-79-0	0%	0%
			Sodium Glycolate (impurity)	2836-32-0	0%	0%
			Trisodium nitriotriacetate (impurity)	5064-31-3	0%	0%
			Magnesium Sulfate	7487-88-9	0%	0%
			Silicon Dioxide	7631-86-9	0%	0%
			Sodium chloride	7647-14-5	0.03%	0.01%
			Diammonium peroxodisulphate	7727-54-0	0.05%	0.01%
			Magnesium chloride	7786-30-3	0.03%	0%
			Guar gum	9000-30-0	0.55%	0.11%
			poly(tetrafluoroethylene)	9002-84-0	0%	0%
			Dodecyl poly(oxyethylene) ether	9002-92-0	0%	0%
			Methyl oxirane polymer with oxirane	GeoEral	0%	0%
			Ethoxylated oleic acid	9004-96-0	0%	0%
			Calcium chloride	10043-52-4	0.01%	0%
			2-Propenoic acid, ammonium salt	10604-69-0	0%	0%
			Ammonium chloride	12125-02-9	0%	0%
			Magnesium silicate hydrate (talc)	14807-96-6	0%	0%
			Quartz, Crystalline silica	14808-60-7	99.03%	19.18%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.01%	0%
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0%	0%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0%	0%
			2-Ethylhexanol ethoxylate	26468-86-0	0.04%	0.01%
			Glycols, polyethylene, monote tradecyl ether	27306-79-2	0%	0%
			Polyethylenimin, polymer with ethylene oxide and propylene oxide	52501-07-2	0%	0%
			Sorbitol Tetraoleate	61723-83-9	0%	0%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0%	0%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0%	0%
			Petroleum	64742-47-8	0%	0%
Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0%	0%			
Alcohols, C10-C16, ethoxylated	68002-97-1	0%	0%			
Crosslinked PO/EO-block polymer	68123-18-2	0%	0%			
Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0%	0%			
Alcohols, C12-C14, ethoxylated	68439-50-9	0%	0%			
Alcohols, C12-C16, ethoxylated	68551-12-2	0%	0%			
Alcohol, C11-14, ethoxylated	78330-21-9	0%	0%			
C14 alpha olefin ethoxylate	84133-50-6	0%	0%			
SODIUM SALT OF POLYMALEIC ACID COPOLYMER	111560-38-4	0.03%	0%			
† 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: 1/27/2016						
E-mail Address: david_stewart@oxy.com						

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