

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 API NO: 30-015-42683				
		2. Well Name: CEDAR CANYON 16 STATE #012H				
		3. Well Number: 012H				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:M Lot:M Section:15 Township:24S Range:29E Feet from:900 N/S Line:S Feet from:860 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section:16 Township:24S Range:29E Feet from:901 N/S Line:S Feet from:133 E/W Line:W				
		6. latitude: 32.2127912416813 longitude: -103.978093137204				
		7. County: Eddy				
8. Operator Name and Address: OXY USA INC PO Box 4294 Houston 77210		9. OGRID: 16696	10. Phone Number: 713-366-5069			
11. Last Fracture Date: 12/22/2014 Frac Performed by: C&J ENERGY SERVICES		12. Production Type: O				
13. Pool Code(s): 96238		14. Gross Fractured Interval: 9,704 ft to 14,214 ft				
15. True Vertical Depth (TVD): 8,624 ft		16. Total Volume of Fluid Pumped: 2,935,212 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)
Water	Jetta	Carrier/Base Fluid	Water	7732-18-5	100%	80.55164%
Sand (Proppant)	CJES	Proppant	Silica Substrate	NA	100%	16.74951%
Hydrochloric Acid (15%)	CJES	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.28559%
GA-1	Blue Ribbon Technology	Guar Slurry - Water thickener	Petroleum Distillate	64742-47-8	60%	0.1941%
			Proprietary non-hazardous components	Proprietary	60%	0.1941%
PM-3	Blue Ribbon Technology	High pH buffer	sodium hydroxide	1310-73-2	35%	0.00926%
XL-7	Economy	Primary Borate Crosslinker	Petroleum Distillate Blend	64672-47-8	60%	0.05161%
			Borate Salts	1319-33-1	60%	0.05161%
XL-3	Economy	Borate Crosslink Accelerator	Potassium Metaborate	16481-66-6	50%	0.05722%
			Potassium Hydroxide	1310-73-2	25%	0.02861%
			Ethylene Glycol	107-21-1	25%	0.02861%
BR-1	Blue Ribbon Technology	Ammonium persulfate gel breaker	Ammonium Persulfate	7727-54-0	100%	0.0039%
BR-2	Economy	Encapsulated Persulfate Breaker	Ammonium Persulfate	7727-54-0	76%	0.00141%
			Silica, Cystalline - Quartz	7631-86-9	24%	0.00045%
SU-2	Blue Ribbon Technology	Surfactant and flowback aid	Alcohols C9-C11	68439-46-3	25%	0.02006%
			Water	7732-18-5	75%	0.06019%
FR-1	Blue Ribbon	Friction Reducer	Petroleum Distillate hydrated light	64742-47-8	28%	0.01391%
			Ammonium Chloride	12125-02-9	13%	0.00646%
			C12-C14 Alcohol ethoxylate	68439-50-9	3.1%	0.00154%
			Alchol (C-12-C16), ethoxylated	68551-12-2	3.1%	0.00154%
			Alchols (C10-16), ethoxylated	68002-97-1	3.1%	0.00154%
			CS-1	Blue Ribbon	Clay Stabilizer	Choline Chloride
Bio-Cide 4450-10	N/A	Disinfectant/Sanitizer	Didecyl dimethyl ammonium chloride	7173-51-5	12%	0.01053%
			Ethanol	64-17-5	3%	0.00263%
			AcTivator	Momentive	Surfactant in solvent	Alcohols, C12-14-Secondary, Ethoxylated
Methanol	67-56-1	36%	0.03159%			
			Polyethylene Glycol	25322-68-3	4%	0.00084%
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: 4/23/2015						
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.