

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. 30-045-35455							
		2. Well Name: ROPCO 16 #001H							
		3. Well Number: 001H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☐ Original ☒ Amends disclosure submitted on 9/27/2013		4. Surface Hole Location: Unit:A Lot:A Section:16 Township:29N Range:14W Feet from:978 N/S Line:N Feet from:1005 E/W Line:E							
		5. Bottom Hole Location: Unit:A Lot:A Section:16 Township:29N Range:14W Feet from:978 N/S Line:N Feet from:1005 E/W Line:E							
		6. Latitude: 0 Longitude: 0							
		7. County: San Juan							
8. Operator Name and Address: XTO ENERGY, INC XTO Energy, Inc. 382 Road 3100 Aztec 87410		9. OGRID: 5380	10. Phone Number: 505-333-3143						
11. Last Fracture Date: 8/4/2013 Frac Performed by: Halliburton		12. Production Type: G							
13. Pool Code(s): 11880, 97232		14. Gross Fractured Interval: Confidential							
15. True Vertical Depth (TVD): 4,677 ft		16. Total Volume of Fluid Pumped: 2,007,500 gals							
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Available							
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)			
Sand	Halliburton	Proppant	Crystalline Silica	14808-60-7	100%	5.52375%			
CRC Sand	Halliburton	Proppant	Crystalline Silica, Quartz	14808-60-7	100%	4.01539%			
			Phenol / Formaldehyde Resin	9003-35-4	5%	0.20077%			
			Hexamethylenetetramine	100-97-0	2%	0.08031%			
			Guar Gum	9000-30-0	100%	0.21466%			
WG-36 Gelling Agent	Halliburton	Gelling Agent	Chlorine Dioxide	10049-04-4	30%	0.18442%			
Chlorine Dioxide	XTO	Biocide	Monoethanolamine Borate	26038-87-9	60%	0.09126%			
BC-140	Halliburton	Crosslinker	Ethylene Glycol	107-21-1	30%	0.04563%			
			Ethanol	64-17-5	60%	0.03603%			
			Heavy Aromatic Petroleum Naphtha	64742-94-5	30%	0.01801%			
			Poly (Oxy-1, 2-Ethanediyl), Alpha-(4-Nonylphenyl)-Omega-Hydroxy-, Branched	127087-87-0	5%	0.003%			
OilPerm A	Halliburton	Non-Ionic Surfactant	Naphthalene	91-20-3	5%	0.003%			
			1,2,4 Trimethylbenzene	95-63-6	1%	0.0006%			
			Ammonium Salt	Proprietary	60%	0.05809%			
			Terpenes and Terpenoids, Sweet Orange-Oil	68647-72-3	30%	0.0183%			
OilPerm B	Halliburton	Surfactant	Proprietary Component	Proprietary	30%	0.0183%			
			Isopropanol	67-63-0	30%	0.0183%			
			Parasorb 5005	Baker Hughes	Paraffin Inhibitor	Diatomaceous Earth, Calcined	91053-39-3	48%	0.02289%
			Complex Ester			Proprietary	30%	0.0143%	
Heavy Aromatic Naphtha	64742-94-5	10%	0.00477%						
Mineral Oil	8042-47-5	5%	0.00238%						
			Ethylene-Vinyl Acetate Copolymer	Proprietary	5%	0.00238%			
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00048%			
			Naphthalene	91-20-3	1%	0.00048%			
			Walnut Hulls	NA	100%	0.01055%			
Optiflo-HTE	Halliburton	Breaker	Crystalline Silica, Quartz	14808-60-7	30%	0.00317%			
GBW-30 Breaker	Halliburton	Breaker	Carbohydrates	Proprietary	100%	0.00705%			
Fresh Water	XTO	Water	Hemicellulase Enzyme	9012-54-8	30%	0.00211%			
			Water	7732-18-5	100%	88.70264%			
Misc. Ingredients	Halliburton	Additive	Silica Gel	112926-00-8	0%	0.00215%			
			Misc Biocide	NA	0%	0.43031%			
			Surfactant Mixture	Proprietary	0%	0.0043%			
			Ethoxylated Fatty Acid	Proprietary	0%	0.0183%			
			Crystalline Silica, Quartz	14808-60-7	0%	0.00022%			
			Enzyme	Proprietary	0%	0.00053%			
			Oxyalkylated Phenolic Resin	Proprietary	0%	0.02402%			
			C.I. Pigment Red 5	6410-41-9	0%	0.00011%			
			Water	7732-18-5	0%	0.16766%			
			Bentonite, Benzyl (Hydrogenated Tallow Alkyl) Dimethylammonium Stearate Complex	121888-68-4	0%	0.01073%			
			Quaternary Amine	Proprietary	0%	0.00591%			
			Alcohols, C12-16, Ethoxylated	61791-08-0	0%	0.0183%			
			Cured Acrylic Resin	Proprietary	0%	0.00327%			
			Terpenes and Terpenoids	Proprietary	0%	0.0061%			
			Amine Salts	Proprietary	0%	0.0002%			
			Sodium Chloride	7647-14-5	0%	0.00484%			
			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: Sherry Morrow		Title: Regulatory Analyst		
			Date: 5/21/2014						
			E-mail Address: Sherry_morrow@xtoenergy.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.