

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							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO: 30-025-41131							
		2. Well Name: PERLA NEGRA FEDERAL COM #001H							
		3. Well Number: 001H							
		4. Surface Hole Location: Unit:M Lot:M Section:24 Township:19S Range:34E Feet from:330 N/S Line:S Feet from:400 E/W Line:W							
5. Bottom Hole Location: Unit:M Lot:M Section:24 Township:19S Range:34E Feet from:330 N/S Line:S Feet from:400 E/W Line:W		6. Iatitidue: 32.6395433090332 - longitude: 103.521154934615							
7. County: Lea									
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: 10/3/2013 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 37570		14. Gross Fractured Interval: 11,129 ft to 15,112 ft							
15. True Vertical Depth (TVD): 10,821 ft		16. Total Volume of Fluid Pumped: 2,008,482 gals							
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)			
Water	Operator	Carrier	Water	7732-18-5	100%	85.33182%			
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.04803%			
Enzyme G HT-II	Baker Hughes	Breaker	Water	7732-18-5	85%	0.27217%			
			Tryptone	73049-73-7	5%	0.00202%			
			Water	7732-18-5	100%	0.04036%			
			Yeast Extract	08013-01-2	5%	0.00202%			
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00479%			
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.04373%			
Clay Master-5C CI-31	Baker Hughes	Clay Control Corrosion Inhibitor	Water	7732-18-5	30%	0.01749%			
			Oxyakylated Amine Quat	138879-94-4	60%	0.00015%			
			Aromatic Aldehyde	Trade Secret	30%	0.00078%			
			Benzyl Chloride	100-44-7	1%	3E-05%			
			Cyclic Alkanes	Trade Secret	5%	0.00013%			
			Formic Acid	64-18-6	60%	0.00156%			
			Isopropanol	67-63-0	10%	0.00026%			
			Methanol	67-56-1	5%	0.00013%			
			Organic Sulfur Compound	Trade Secret	5%	0.00013%			
			Oxyalkylated Fatty Acid	Trade Secret	30%	0.00078%			
			Quaternary Ammonium Compound	Trade Secret	30%	0.00078%			
			XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.07769%
						Sodium Hydroxide	1310-73-2	10%	0.0259%
						Sodium Tetraborate Decahydrate	1303-96-4	30%	0.07769%
GW-4LDF	Baker Hughes	Gelling Agent				Guar Gum	9000-30-0	60%	0.29551%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.34476%			
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.34476%			
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.34476%			
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00094%			
			Ammonium Hydroxide	1336-21-6	5%	5E-05%			
			Cupric Chloride	7447-39-4	5%	5E-05%			
NE-35, 55 gl drum	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.00028%			
			Propylene Glycol	57-55-6	30%	0.00017%			
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.00245%			
Atlas CRC-C, 20/40	Baker Hughes	Proppant	Crystalline Silica Quartz	14808-60-7	98%	11.84473%			
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Hexamethylenetetramine	100-97-0	1%	0.12086%			
			Phenolic Resin	9003-35-4	5%	0.60432%			
			Methanol	67-56-1	30%	0.02547%			
			Mixture of Surfactants	Trade Secret	50%	0.04244%			
Ingredients shown above are subject to 29 CFR 1910			Water	7732-18-5	30%	0.02547%			
			2-Mercaptoethyl Alcohol	60-24-2	0%	9.08E-05%			
			Alkylene Oxide Block Polymer	Trade Secret	0%	0.0001037%			
			Anitfoam	Trade Secret	0%	8.1E-06%			
			Cured Resin	Trade Secret	0%	0.0011496%			
			Diethylene Glycol	111-46-6	0%	2.6E-06%			
			Glycerol	56-81-5	0%	0.0006054%			
			Lactose	5989-81-1	0%	0.0004036%			
			Quaternary Ammonium Compound	Trade Secret	0%	0.0001167%			
			Sodium Chloride	7647-14-5	0%	2.02E-05%			
			Soy	8002-43-5	0%	1.61E-05%			
			Water	7732-18-5	0%	0.0520556%			
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: Patty Urias Title: Production Analyst									
Date: 11/1/2013									
E-mail Address: Patty_Urias@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.