

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: 30-025-42709				
		2. Well Name: PERLA NEGRA FEDERAL COM #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:24 Township:19S Range:34E Feet from:440 N/S Line:S Feet from:2060 E/W Line:W				
		5. Bottom Hole Location: Unit:N Lot:N Section:24 Township:19S Range:34E Feet from:440 N/S Line:S Feet from:2060 E/W Line:W				
		6. Latitude: 32.639664 Longitude: -103.515165				
		7. County: Lea				
8. Operator Name and Address: XTO ENERGY, INC XTO Energy, Inc. PO Box 6501 Englewood 80155		9. OGRID: 5380	10. Phone Number: 303-397-3715			
11. Last Fracture Date: 10/8/2015 Frac Performed by: Cudd		12. Production Type: O				
13. Pool Code(s): 37570		14. Gross Fractured Interval: 11,250 ft to 15,529 ft				
15. True Vertical Depth (TVD): 10,860 ft		16. Total Volume of Fluid Pumped: 2,843,230 gals				
17. Total Volume of Re-Use Water Pumped: 0 gals		18. Percent of Re-Use Water in Fluid Pumped: %				
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		Carrier / Base Fluid		7732-18-5	100%	4.99609%
Sand		Proppant	Silicon Dioxide	14808-60-7	100%	0.25753%
Super DC/LC TLC/THS Opti RCS	Sandtrol	Proppant	Silicon Dioxide	14808-60-7	97%	0.05151%
			P/F Novolak Resin	9003-35-4	5%	0%
			Hexamethylenetetramine	1009-7-0	1%	0%
B-15	Brenntag	Biocide	Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	20%	0%
			Water	7732-18-5	80%	0%
FR-601	SNF	Friction Reducer	Copolymer of acrylamide and sodium acrylate	25987-30-8	10%	0.03526%
			Isoparaffinic Solvent	64742-47-8	10%	0.00588%
			Water	7732-18-5	60%	0.00588%
			Nonylphenol	9016-45-9	10%	0%
			Sorbitan Monooleate	1338-43-8	10%	0%
10.0% Hydrochloric Acid	Reagent	Scale Dissolver	37% Hydrochloric Acid	7647-01-0	10%	0%
			Water	7732-18-5	90%	0%
I-122	Chemplex, L.C.	Acid Corrosion Inhibitor	Methanol	67-56-1	70%	0.00026%
			Propargyl alcohol	107-19-7	8%	9E-05%
			Alcohol Ethoxylate Surfactants	Trade Secret	30%	0.00026%
			n-olefins	Trade Secret	10%	0%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0%
SG-15G	Multiple Suppliers	Polymer	Guar Gum	9000-30-0	50%	0.00334%
			Petroleum Distillate (Mineral Oil)	64742-47-8	55%	0.00334%
			Bentonite Clay	14808-60-7	2%	0%
			Surfactant	68439-51-0	2%	0%
XL-335	P/P Technology	Crosslinker	Sodium Metaborate	7775-19-1	40%	0%
			Glycerol	56-81-5	45%	0%
EGB-16HT	Fritz Industries, Inc.	Breaker	Ammonium Persulfate	7727-54-0	99.9%	0%
			Silica, Crystalline-Quartz	14808-60-7	10%	0%
NE-217	Chemplex, L.C.	Non-emulsifier	Methanol	67-56-1	50%	0%
FE-4	Multiple Suppliers	Iron Control Additive	Citric Acid Anhydrous	77-92-9	55%	0%
			Water	7732-18-5	55%	0%
S-222	Chemplex, L.C.	Flouro Surfactant	Methanol	67-56-1	100%	0%
GB-210	Multiple Suppliers	Polyacrlamide Breaker	CS-210PB	Blend	100%	0%
GB-150	Chemplex	Breaker	Mannanase Enzymes	Trade Secret	2%	0.00965%
			Sodium Chloride	7647-14-5	15%	0%
			Water	7732-18-5	90%	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: Patty Urias		Title: Production Analyst		
Date: 11/17/2015						
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.