

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: 30-025-42063					
		2. Well Name: PERLA VERDE 31 STATE #001H					
		3. Well Number: 001H					
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:4 Section:31 Township:19S Range:35E Feet from:170 N/S Line:S Feet from:330 E/W Line:W					
		5. Bottom Hole Location: Unit:M Lot:4 Section:31 Township:19S Range:35E Feet from:170 N/S Line:S Feet from:330 E/W Line:W					
		6. latitude: longitude: 32.6101185802587 -103.504215280169					
		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: 1/24/2015 Frac Performed by: Halliburton			12. Production Type: O				
13. Pool Code(s): 97983			14. Gross Fractured Interval: 11,318 ft to 11,721 ft				
15. True Vertical Depth (TVD): 11,066 ft			16. Total Volume of Fluid Pumped: 3,491,712 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	Operator	Carrier	Water	7732-18-5	100%	84.67439%	
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00286%	
GBW-5	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00029%	
Enzyme G-II	Baker Hughes	Breaker	Contains non- hazardous ingredients which are listed in the non- MSDS section of the report	NA	0%	0%	
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00305%	
BF-9L, 300 gal tote	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.06455%	
ClayCare, tote	Baker Hughes	Clay Control	Potassium Hydroxide	1310-58-3	30%	0.03228%	
			Choline Chloride	67-48-1	75%	0.03454%	
			Water	7732-18-5	30%	0.01382%	
XLW-4	Baker Hughes	Crosslinker	Sodium Tetraborate	1303-96-4	30%	0.02923%	
GW-3	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	100%	0.18252%	
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	9.78101%	
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	1.19316%	
Atlas CRC-LT 20-40	Baker Hughes	Proppant	Crystalline Silica Quartz	14808-60-7	98%	3.34002%	
INFLO 72	Baker Hughes	Surface Tension Reducer	Phenolic Resin	37337-65-8	5%	0.34082%	
			Isopropanol	67-63-0	30%	0.0248%	
			Orange Terpene	68647-72-3	5%	0.00413%	
Ingredients shown above are subject to 29 CFR 1910			Glycerin	Trade Secret	0%	0.0243569%	
			Hemicellulase	9025-56-3	0%	0.0005238%	
			Enzyme Concentrate				
			Hydrated Magnesium Silicate	Trade Secret	0%	3.05E-05%	
			Methanol	67-56-1	0%	2.39E-05%	
			Nonionic Alkoxylate	Trade Secret	0%	0.0082653%	
			Organic Polyol	Trade Secret	0%	0.0123979%	
			Poly (Tetrafluoroethylene)	Trade Secret	0%	1.53E-05%	
			Polyethers	Trade Secret	0%	0.0247959%	
			Surfactant	Trade Secret	0%	0.0028929%	
			Vinylidene Chloride- Methyl Acrylate Polymer	Trade Secret	0%	0.0007635%	
			Water	7732-18-5	0%	0.141127%	
			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: 3/4/2015							
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.