

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. 30-025-41345				
		2. Well Name: CENTRAL VACUUM UNIT #218				
		3. Well Number: 218				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:7 Section:6 Township:18S Range:35E Feet from:942 N/S Line:S Feet from:1015 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:7 Section:6 Township:18S Range:35E Feet from:942 N/S Line:S Feet from:1015 E/W Line:W				
		6. latitude: longitude: 32.7723034746135 - 103.502150016708				
		7. County: Lea				
8. Operator Name and Address: CHEVRON U S A INC Attn: Sandy Stedman-Daniel P.O. Box 2100 Houston 77252			9. OGRID: 4323	10. Phone Number: 505-333-1941		
11. Last Fracture Date: 8/11/2013 Frac Performed by: Baker Hughes			12. Production Type: O			
13. Pool Code(s): 62180			14. Gross Fractured Interval: 3,200 ft to 5,300 ft			
15. True Vertical Depth (TVD): 5,115 ft			16. Total Volume of Fluid Pumped: 126,252 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)
Sand, Brown, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.23%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Water	7732-18-5	85%	37.089%
			Hydrochloric Acid	7647-01-0	15%	65.486%
Super LC, 16/30	Baker Hughes	Proppant	Silicon Dioxide (Silica Sand)	14808-60-7	97%	26.265%
			Phenol-formaldehyde Resin	9003-35-4	50%	13.57%
			Hexamethylenetetramine	100-97-0	1%	0.027%
GW-4LDF	Baker Hughes	Gelling Agent	Petroluem Distillate Blend (2)	64742-55-8	70%	71.597%
			Petroleum Distillate Blend (1)	64742-47-8	70%	71.597%
			Petroleum Distillate Blend (3)	8042-47-5	70%	71.597%
			Guar Gum	9000-30-0	60%	61.369%
EnZyme G-I	Baker Hughes	Breaker	*Contains non-hazardous	NA	100%	8.723%
*ZZ XLW-10A (use	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	3.367%
			*Sodium Tetraborate	1303-96-4	30%	3.367%
			Sodium Hydroxide	1310-73-2	100%	1.122%
Superset W	Baker Hughes	Activator	Methanol	67-56-1	50%	1.913%
			*Poly (Oxyethylene) Nonylphenol	9016-45-9	50%	1.913%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	3.247%
			Ammonium Hydroxide	1336-21-6	50%	0.162%
			Cupric Chloride	7447-39-4	50%	0.162%
NE-35	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	2.166%
			Propylene Glycol	57-55-6	30%	1.299%
ScaleTrol 720	Baker Hughes	Scale Inhibitor	Ethylene Glycol	107-21-1	30%	2.711%
			Calcium Chloride	10043-52-4	50%	0.452%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	2.183%
CI-31	Baker Hughes	Corrosion Inhibitor	Formic Acid	64-18-6	60%	0.657%
			Aromatic Aldehyde	Trade Secret	30%	0.328%
			Oxyalkylated Fatty Acid	Trade Secret	30%	0.328%
			*Quaternary Ammonium	Trade Secret	30%	0.328%
			Isopropanol	67-63-0	100%	0.109%
			Cyclic Alkanes	Trade Secret	50%	0.055%
			Organic Sulfur Compound	Trade Secret	50%	0.055%
			Methanol	67-56-1	50%	0.055%
			Benzyl Chloride	100-44-7	100%	0.011%
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	1.777%
Alpha 114	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.758%
			*Quaternary Ammonium	Trade Secret	30%	0.275%
NE-13	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	40%	0.366%
			*Quaternary Ammonium	Trade Secret	30%	0.275%
			Benzyl Chloride	100-44-7	30%	0.003%
FRW-18	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.339%
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: Cindy Herrera-Murillo		Title: Permitting Specialist		
Date: 12/3/2013						
E-mail Address: eeof@chevron.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.