

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	1. WELL API NO. 30-005-29145				
		2. Well Name: NEREID 1 FEDERAL #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:P Lot:P Section:1 Township:15S Range:31E Feet from:660 N/S Line:S Feet from:100 E/W Line:E				
		5. Bottom Hole Location: Unit:P Lot:P Section:1 Township:15S Range:31E Feet from:660 N/S Line:S Feet from:100 E/W Line:E				
		6. Latitude: longitude: 33.0397261828329 - 103.766791234702				
		7. County: Chaves				
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: 5/30/2013 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 97715		14. Gross Fractured Interval: 9,623 ft to 13,032 ft				
15. True Vertical Depth (TVD): 8,929 ft		16. Total Volume of Fluid Pumped: 36,270 bbls				
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)
Fresh Water	CHESAPEAKE ENERGY	Carrier/Base Fluid	Water	007732-18-5	100%	86.46008%
ParaSorb	BAKER HUGHES	Scale Inhibitor	Calcined Diatomaceous Earth	091053-39-3	65%	0.0243%
			Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	5%	0.00187%
			Mineral Oil (Paraffin Oil, White Mineral Oil)	008042-47-5	30%	0.01122%
			Paraffin Inhibitor	NA	25%	0.00935%
Scale Sorb 3	BAKER HUGHES	Scale Inhibitor	Amino tri (methylene phosphonic acid)	006419-19-8	30%	0.00449%
			Calcined Diatomaceous Earth	091053-39-3	100%	0.01495%
			Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	1%	0.00015%
			Phosphonic Acid	013598-36-2	1%	0.00015%
Northern White Sand	FTS INTERNATIONAL	Proppant - Natural	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	100%	7.00129%
PRC	FTS INTERNATIONAL	Proppant - Resin Coated	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	98%	2.66945%
			Hexamethylenetetramine (Hexamine)	000100-97-0	1%	0.02724%
			Phenol/Formaldehyde Resin	009003-35-4	5%	0.1362%
100 Mesh Sand	FTS INTERNATIONAL	Proppant - Natural	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	100%	0.75274%
10.1 - 15 HCL	FTS INTERNATIONAL	Acid	Hydrochloric Acid	007647-01-0	15%	0.3402%
			Water	007732-18-5	85%	1.92781%
HVG01 (TURQUOISE-1 BULK)	FTS INTERNATIONAL	Gelling Agent	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	2%	0.00946%
			Guar Gum	009000-30-0	50%	0.23653%
			Petroleum Distillate Hydrotreated Light Surfactant	064742-47-9	55%	0.26019%
				068439-51-0	2%	0.00946%
NE 100	FTS INTERNATIONAL	Non-Emulsifier	2-Butoxyethanol (Ethylene Glycol Monobutyl Ether)	000111-76-2	10%	0.00846%
			Dodecylbenzenesulfonic Acid	027176-87-0	5%	0.00423%
			Isopropanol (Isopropyl Alcohol, Propan-2-ol)	000067-63-0	10%	0.00846%
BXL02 Borate XL	FTS INTERNATIONAL	Cross Linker	Boric Acid	010043-35-3	15%	0.00665%
			Potassium Hydroxide	001310-58-3	12%	0.00532%
			Sodium Metaborate Tetrahydrate	010555-76-7	25%	0.01109%
APB01 (AMMONIUM PERSUFATE BREAKER)	FTS INTERNATIONAL	Breaker	Ammonium Persulfate	007727-54-0	100%	0.00456%
B10 (HIGH PH BUFFER)	FTS INTERNATIONAL	pH Adjusting Agent	Potassium Carbonate	000584-08-7	48%	0.00452%
			Potassium Hydroxide	001310-58-3	20%	0.00188%
FE-100L	FTS INTERNATIONAL	Iron Control Agent	Citric Acid	000077-92-9	55%	0.00409%
CI-150	FTS INTERNATIONAL	Corrosion Inhibitor	Dimethyl Formamide	000068-12-2	10%	0.00057%
			Isopropanol (Isopropyl Alcohol, Propan-2-ol)	000067-63-0	60%	0.00344%
			Proprietary Aromatic Aldehyde	TRADE SECRET	10%	0.00057%
			Proprietary Organic Amine Resin Salt	TRADE SECRET	30%	0.00172%
			Proprietary Quaternary Ammonium Compound	TRADE SECRET	10%	0.00057%
LEB-300	FTS INTERNATIONAL	Breaker	No Hazardous Components	NONE	0%	0%
MC S-2510T (WS)	MULTI-CHEM	Scale Inhibitor	Ethylene Glycol	00107-21-1	60%	0.00618%
			Sodium Hydroxide	001310-73-2	5%	0.00051%
MC MX 664-5	MULTI-CHEM	Surfactant	Isopropanol (Isopropyl Alcohol, Propan-2-ol)	000067-63-0	5%	0.00387%
			Methanol (Methyl Alcohol)	000067-56-1	70%	0.05414%
			Proprietary Sulfonate	TRADE SECRET	30%	0.0232%
MC B-8642 (WS)	MULTI-CHEM	Anti-Bacterial Agent	Ethanol	000064-17-5	1%	0.00024%
			Glutaraldehyde (Pentanedial)	000111-30-8	60%	0.0145%
			Quaternary Ammonium Compound	068424-85-1	10%	0.00242%
Additional Ingredients Not Listed on MSDS					0%	0%
ParaSorb, Scale Sorb 3	BAKER HUGHES	Scale Inhibitor	Non-MSDS Components Not Provided by Supplier	NOT PROVIDED	0%	0%
			Proprietary Polymer	TRADE SECRET	0%	0.04176%
APB01 (AMMONIUM PERSUFATE BREAKER), B10 (HIGH PH B	FTS INTERNATIONAL	Breaker, Corrosion Inhibitor, Cross Linker, Iron Control Agent, Non-Emulsifier, pH Adjusting Agent	Proprietary Breaker (APB01) Additive	TRADE SECRET	0%	0.00025%
			Proprietary Corrosion Inhibitor Additive (CI-150)	TRADE SECRET	0%	0.00288%
			Proprietary Enzyme	TRADE SECRET		