

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				
		1. WELL API NO: 30-005-29145				
		2. Well Name: NEREID 1 FEDERAL #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☐ Original ☒ Amends disclosure submitted on 7/23/2013		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: 33.0397261828329 Longitude: 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: Frac Tech Services		12. Production Type:				
13. Pool Code(s): 97715		14. Gross Fractured Interval: 9,823 ft to 10,302 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 Crystalline Silica (Quartz Sand, Silicon Dioxide) Mineral Oil (Paraffin Oil, White Mineral Oil) Paraffin Inhibitor	091053-39-3 014808-60-7 008042-47-5 NA	65% 5% 30% 25%	0.0243% 0.00187% 0.01122% 0.00935%
Scale Sorb 3	BAKER HUGHES	Scale Inhibitor	Amino tri (methylene phosphonic acid) Calcined Diatomaceous Earth Crystalline Silica (Quartz Sand, Silicon Dioxide) Phosphonic Acid	006419-19-8 091053-39-3 014808-60-7 013598-36-2	30% 100% 1% 1%	0.00449% 0.01495% 0.00015% 0.00015%
Northern White Sand PRC	FTS INTERNATIONAL	Proppant - Natural	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	100%	7.00129%
	FTS INTERNATIONAL	Proppant - Resin Coated	Crystalline Silica (Quartz Sand, Silicon Dioxide) Hexamethylenetetramine (Hexamine) Phenol/Formaldehyde Resin	014808-60-7 000100-97-0 009003-35-4	98% 1% 5%	2.66945% 0.02724% 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 Water	007647-01-0 007732-18-5	15% 85%	0.3402% 1.92781%
HVG01 (TURQUOISE-1 BULK)	FTS INTERNATIONAL	Gelling Agent	Crystalline Silica (Quartz Sand, Silicon Dioxide) Guar Gum Petroleum Distillate Hydrotreated Light Surfactant	014808-60-7 009000-30-0 064742-47-8 068439-51-0	2% 50% 55% 2%	0.00946% 0.23653% 0.26019% 0.00946%
NE 100	FTS INTERNATIONAL	Non-Emulsifier	2-Butoxyethanol (Ethylene Glycol Monobutyl Ether) Dodecylbenzenesulfonic Acid Isopropanol (Isopropyl Alcohol, Propan-2-ol)	000111-76-2 027176-87-0 000067-63-0	10% 5% 10%	0.00846% 0.00423% 0.00846%
BXL02 Borate XL	FTS INTERNATIONAL	Cross Linker	Boric Acid Potassium Hydroxide Sodium Metaborate Tetrahydrate	010043-35-3 001310-58-3 010555-76-7	15% 12% 25%	0.00665% 0.00532% 0.01109%
APB01 (AMMONIUM PERSULFATE BREAKER)	FTS INTERNATIONAL	Breaker	Ammonium Persulfate	007727-54-0	100%	0.00456%
B10 (HIGH PH BUFFER)	FTS INTERNATIONAL	pH Adjusting Agent	Potassium Carbonate Potassium Hydroxide	000584-08-7 001310-58-3	48% 20%	0.00452% 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 Isopropanol (Isopropyl Alcohol, Propan-2-ol) Proprietary Aromatic Aldehyde Proprietary Organic Amine Resin Salt Proprietary Quaternary Ammonium Compound	000068-12-2 000067-63-0 TRADE SECRET TRADE SECRET TRADE SECRET	10% 60% 10% 30% 10%	0.00057% 0.00344% 0.00057% 0.00172% 0.00057%
LEB-300	FTS INTERNATIONAL	Breaker	No Hazardous Components	NONE	0%	0%
MC S-2510T (WS)	MULTI-CHEM	Scale Inhibitor	Ethylene Glycol Sodium Hydroxide	000107-21-1 001310-73-2	60% 5%	0.00618% 0.00051%
MC MX 664-5	MULTI-CHEM	Surfactant	Isopropanol (Isopropyl Alcohol, Propan-2-ol) Methanol (Methyl Alcohol) Proprietary Sulfonate	000067-63-0 000067-56-1 TRADE SECRET	5% 70% 30%	0.00387% 0.05414% 0.0232%
MC B-8642 (WS)	MULTI-CHEM	Anti-Bacterial Agent	Ethanol Glutaraldehyde (Pentanedial) Quaternary Ammonium Compound	000064-17-5 000111-30-8 068424-85-1	1% 60% 10%	0.00024% 0.0145% 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 Proprietary Polymer	NOT PROVIDED TRADE SECRET	0% 0%	0% 0.04176%
APB01 (AMMONIUM PERSULFATE BREAKER), B10 (HIGH PH B)	FTS INTERNATIONAL	Breaker, Corrosion Inhibitor, Cross Linker, Iron Control Agent, Non-Emulsifier, pH Adjusting Agent	Proprietary Breaker (APB01) Additive Proprietary Corrosion Inhibitor Additive (CI-150) Proprietary Enzyme Sodium Chloride Water	TRADE SECRET TRADE SECRET TRADE SECRET 007647-14-5 007732-18-5	0% 0% 0% 0% 0%	0.00025% 0.00288% 1E-05% 0.00015% 0.15553%
MC B-8642 (WS), MC MX 664-5, MC S-2510T (WS)	MULTI-CHEM	Anti-Bacterial Agent, Scale Inhibitor, Surfactant	Methanol (Methyl Alcohol) Neutralized Polymer Phosphoric Acid Water	000067-56-1 TRADE SECRET 007664-3		