

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: 30-015-40842				
		2. Well Name: WEST SHUGART 2 19 30 STATE #003H				
		3. Well Number: 003H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:4 Section:2 Township:19S Range:30E Feet from:1195 N/S Line:N Feet from:150 E/W Line:W				
		5. Bottom Hole Location: Unit:D Lot:4 Section:2 Township:19S Range:30E Feet from:1195 N/S Line:N Feet from:150 E/W Line:W				
		6. latitude longitude: 32.6934213867391 - 103.950780588959				
		7. County: Eddy				
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: 7/22/2013 Frac Performed by: FTS International		12. Production Type: O				
13. Pool Code(s): 5200		14. Gross Fractured Interval: 13,095 ft to 13,130 ft				
15. True Vertical Depth (TVD): 8,585 ft		16. Total Volume of Fluid Pumped: 1,155,882 gals				
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%	82.32575%
ParaSorb 5000	BAKER HUGHES	Paraffin Inhibitor	Calcined Diatomaceous Earth	091053-39-3	60%	0.03071%
			Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	1%	0.00051%
			Mineral Oil (Paraffin Oil, White Mineral Oil)	008042-47-5	30%	0.01535%
CorrSorb 3600	BAKER HUGHES	Corrosion Inhibitor	Calcined Diatomaceous Earth	091053-39-3	100%	0.01365%
			Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	1%	0.00014%
			Proprietary Phosphonic Acid Ester	TRADE SECRET	10%	0.00136%
			Proprietary Quaternary Ammonium Chloride	TRADE SECRET	30%	0.00409%
Northern White Sand Super LC	FTS INTERNATIONAL	Proppant - Natural	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	100%	9.86481%
			Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	97%	2.61818%
PRC	FTS INTERNATIONAL	Proppant - Resin Coated	Hexamethylenetetramine (Hexamine)	000100-97-0	1%	0.02699%
			Phenol/Formaldehyde Resin	009003-35-4	5%	0.13496%
			Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	98%	1.68604%
			Hexamethylenetetramine (Hexamine)	000100-97-0	1%	0.0172%
10.1 - 15 HCL	FTS INTERNATIONAL	Acid	Phenol/Formaldehyde Resin	009003-35-4	5%	0.08602%
			Hydrochloric Acid	007647-01-0	15%	0.37499%
B10 (HIGH PH BUFFER)	FTS INTERNATIONAL	pH Adjusting Agent	Water	007732-18-5	85%	2.12495%
			Potassium Carbonate	000584-08-7	48%	0.03112%
NE 100	FTS INTERNATIONAL	Non-Emulsifier	Potassium Hydroxide	001310-58-3	20%	0.01297%
			2-Butoxyethanol (Ethylene Glycol Monobutyl Ether)	000111-76-2	10%	0.01261%
BXL02 Borate XL	FTS INTERNATIONAL	Cross Linker	Dodecylbenzenesulfonic Acid	027176-87-0	5%	0.0063%
			Isopropanol (Isopropyl Alcohol, Propan-2-ol)	000067-63-0	10%	0.01261%
			Boric Acid	010043-35-3	15%	0.01204%
SHALESURF 1000	FTS INTERNATIONAL	Surfactant	Potassium Hydroxide	001310-58-3	12%	0.00963%
			Sodium Metaborate Tetrahydrate	010555-76-7	25%	0.02006%
FRW-200	FTS INTERNATIONAL	Friction Reducer	2-Butoxyethanol (Ethylene Glycol Monobutyl Ether)	000111-76-2	10%	0.00837%
			Citrus terpenes	005989-27-5	10%	0.00837%
			Isopropanol (Isopropyl Alcohol, Propan-2-ol)	000067-63-0	10%	0.00837%
			Methanol (Methyl Alcohol)	000067-56-1	10%	0.00837%
			Proprietary Polyethoxylated Alcohol	TRADE SECRET	20%	0.01674%
			Petroleum Distillate	064742-47-8	26%	0.00686%
			Hydrotreated Light	064742-47-8	55%	0.1713%
HVG01 (TURQUOISE-1 BULK)	FTS INTERNATIONAL	Gelling Agent	Surfactant	068439-51-0	2%	0.00623%
			Petroleum Distillate	064742-47-8	55%	0.1713%
			Guar Gum	009000-30-0	50%	0.15573%
			Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	2%	0.00623%
FE-100L	FTS INTERNATIONAL	Iron Control Agent	Citric Acid	000077-92-9	55%	0.00347%
			Dimethyl Formamide	000068-12-2	10%	0.00093%
CI-150	FTS INTERNATIONAL	Corrosion Inhibitor	Isopropanol (Isopropyl Alcohol, Propan-2-ol)	000067-63-0	60%	0.00556%
			Proprietary Aromatic Aldehyde	TRADE SECRET	10%	0.00093%
			Proprietary Organic Amine Resin Salt	TRADE SECRET	30%	0.00278%
			Proprietary Quaternary Ammonium Compound	TRADE SECRET	10%	0.00093%
			Ethylene Glycol	000107-21-1	60%	0.00531%
MC S-2510T (WS)	MULTI-CHEM	Scale Inhibitor	Sodium Hydroxide	001310-73-2	5%	0.00044%
MC MX 664-5	MULTI-CHEM	Surfactant	Isopropanol (Isopropyl Alcohol, Propan-2-ol)	000067-63-0	5%	0.00412%
			Methanol (Methyl Alcohol)	000067-56-1	70%	0.05768%
			Proprietary Sulfonate	TRADE SECRET	30%	0.02472%
MC B-8642 (WS)	MULTI-CHEM	Anti-Bacterial Agent	Ethanol	000064-17-5	1%	0.00026%
			Glutaraldehyde (Pentanediol)	000111-30-8	60%	0.01532%
			Quaternary Ammonium Compound	068424-85-1	10%	0.00255%
Additional Ingredients Not Listed on MSDS					0%	0%
CorrSorb 3600, ParaSorb 5000	BAKER HUGHES	Corrosion Inhibitor, Paraffin Inhibitor	Non-MSDS Components Not Provided by Supplier	NOT PROVIDED	0%	0%
B10 (HIGH PH BUFFER), BXL02 Borate XL, CI-150, FE-	FTS INTERNATIONAL	Corrosion Inhibitor, Cross Linker, Friction Reducer, Iron Control Agent, Non-Emulsifier, pH Adjustin	Proprietary Corrosion Inhibitor Additive (CI-150)	TRADE SECRET	0%	0.00487%
			Proprietary Friction Reducer Additive (FRW-200 and FRW-200W)	TRADE SECRET	0%	0.02536%
			Water	007732-18-5	0%	0.37886%
MC B-8642 (WS), MC MX 664-5, MC S-2510T (WS)	MULTI-CHEM	Anti-Bacterial Agent, Scale Inhibitor, Surfactant	Methanol (Methyl Alcohol)	000067-56-1	0%	0.00015%
			Non-MSDS Components Not Provided by Supplier	NOT PROVIDED	0%	0%
			Water	007732-18-5	0%	0.03412%
18. 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: 8/26/2013						
E-mail Address: eeof@chevron.com						
NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.						