

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: 30-025-32497							
		2. Well Name: B F HARRISON B #017							
		3. Well Number: 017							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:D Section:9 Township:23S Range:37E Feet from:990 N/S Line:N Feet from:910 E/W Line:W							
		5. Bottom Hole Location: Unit:D Lot:D Section:9 Township:23S Range:37E Feet from:990 N/S Line:N Feet from:910 E/W Line:W							
		6. Latitude: 32.3234708941132 Longitude: - 103.173457025142							
		7. County: Lea							
8. Operator Name and Address: CHEVRON U S A INC Attn: Sandy Stedman-Daniel 1400 Smith Houston 77002		9. OGRID: 4323	10. Phone Number: 713-372-2978						
11. Last Fracture Date: 3/8/2014 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 96313		14. Gross Fractured Interval: 6,336 ft to 6,736 ft							
15. True Vertical Depth (TVD): 3,900 ft		16. Total Volume of Fluid Pumped: 47,796 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%	79.68296%			
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.72488%			
			Water	7732-18-5	85%	4.10765%			
Activator, Superset U, 275 gl tote	Baker Hughes	Activator	Denatured Ethanol	64-17-5	45%	0.01639%			
			Di (Ethylene Glycol) Ethyl Ether Acetate	112-15-2	55%	0.02003%			
Alpha 114, 265 gl tote	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.02376%			
			Quaternary Ammonium Compound	68424-85-1	5%	0.00396%			
GBW-5, 5-10 lb bg/carton 50 lb pail	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.014%			
EnZyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in in the non-MSDS section of the report	NA	100%	0.10836%			
BF-7L, 55 gl drum	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.06172%			
ClayCare, 330 gl tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.05593%			
			Water	7732-18-5	30%	0.02237%			
CI-14, 55 gl drum	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00101%			
			Methanol	67-56-1	100%	0.01015%			
			Olefin	Trade Secret	5%	0.00051%			
			Polyoxyalkylenes	Trade Secret	30%	0.00304%			
			Propargyl Alcohol	107-19-7	5%	0.00051%			
XLW-4, 330 gl tote	Baker Hughes	Crosslinker	Sodium Tetraborate	1303-96-4	30%	0.01538%			
XLW-30AG, tote	Baker Hughes	Crosslinker	Petroleum Distillates	64742-47-8	60%	0.02521%			
GW-4	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	100%	0.27493%			
Ferrotrol 280L , 55 gl drum	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.01836%			
			Ammonium Hydroxide	1336-21-6	5%	0.00092%			
			Cupric Chloride	7447-39-4	5%	0.00092%			
NE-23, 55 gl drum	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.00204%			
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.02835%			
			Propylene Glycol	57-55-6	30%	0.01701%			
Sand, White, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	8.70184%			
Sand, Brown, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.79131%			
S-8C, Sand, 100 mesh, bulk	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	1.15171%			
Super LC, 16/30	Baker Hughes	Proppant	Hexamethylenetetramine	100-97-0	0.01%	0.00017%			
			Phenol-formaldehyde Resin	9003-35-4	5%	0.08438%			
			Silicon Dioxide (Silica Sand)	14808-60-7	97%	1.63695%			
ScaleTrol 720	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00149%			
			Ethylene Glycol	107-21-1	30%	0.00893%			
Flo-Back 40, 330 gl tote	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.02596%			
Ingredients shown above are subject to 29 CFR 1910			Benzyl Chloride	100-44-7	0%	6.81E-05%			
			Boric Oxide	1303-86-2	0%	0.0134439%			
			Ethanol	64-17-5	0%	0.0002376%			
			Ethoxylated Nonylphenol	9016-45-9	0%	0.0003403%			
			Formaldehyde	50-00-0	0%	0.0001015%			
			Glycol Ether	Trade Secret	0%	0.0003403%			
			Hemicellulase Enzyme Concentrate	9025-56-3	0%	0.0032509%			
			Hydrochloric Acid	7647-01-0	0%	0.0001015%			
			Methanol	67-56-1	0%	0.0001109%			
			Modified Thiorea Polymer	68527-49-1	0%	0.0007103%			
			Olefin Sulfonate	Trade Secret	0%	0.0040838%			
			Organophilic Clay	Trade Secret	0%	0.0021006%			
			Polycrylate	Trade Secret	0%	0.0059517%			
			Polyester	Trade Secret	0%	0.0010209%			
			Polymeric Suspending Agent	Trade Secret	0%	0.0021006%			
			Potassium Chloride	7447-40-7	0%	1.49E-05%			
			Potassium Hydroxide	1310-58-3	0%	0.0010287%			
			Quaternary Amine Compounds	Trade Secret	0%	0.0020419%			
			Sodium Chloride	7647-14-5	0%	0.0194822%			
			Surfactant	Trade Secret	0%	0.0004201%			
			Water	7732-18-5	0%	0.2999534%			
			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: 3/26/2014									
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.