

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: 30-039-27556							
		2. Well Name: BYRNE FEDERAL 24 #001R							
		3. Well Number: 001R							
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:E Lot:E Section:24 Township:25N Range:03W Feet from:1623 N/S Line:N Feet from:956 E/W Line:W							
		5. Bottom Hole Location: Unit:E Lot:E Section:24 Township:25N Range:03W Feet from:1623 N/S Line:N Feet from:956 E/W Line:W							
		6. latitude: 36.3862419966162 longitude: - 107.102213300115							
		7. County: Rio Arriba							
8. Operator Name and Address: D J SIMMONS INC PO BOX 1469 FARMINGTON 87499		9. OGRID: 5578	10. Phone Number:						
11. Last Fracture Date: 8/22/2013 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 39189		14. Gross Fractured Interval: Confidential							
15. True Vertical Depth (TVD): 7,310 ft		16. Total Volume of Fluid Pumped: 185,602 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)			
Water	Operator	Carrier	Water	7732-18-5	100%	76.6327%			
Alpha 1427	Baker Hughes	Biocide	Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.00481%			
			Ethanol	64-17-5	5%	0.0024%			
			Glutaraldehyde	111-30-8	30%	0.01443%			
			Quaternary Ammonium Compound	68424-85-1	5%	0.0024%			
GBW-5	Baker Hughes	Breaker	Ammonium Phosphate	7727-54-0	100%	0.01089%			
Enzyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in in the non-MSDS section of the report	NA	0%	0%			
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.01114%			
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.15032%			
CorrSorb 3600, 25 lb pail	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	9046-01-9	10%	0.00173%			
			Crystalline Silica: Quartz	14808-60-7	1%	0.00017%			
			Ethylene Glycol	107-21-1	1%	0.00017%			
			Quaternary Ammonium Compound	61789-71-7	30%	0.0052%			
XLW-32, 260 gal tote	Baker Hughes	Crosslinker	Boric Acid	10043-35-3	30%	0.01682%			
			Methanol	67-56-1	60%	0.03365%			
			Methyl Borate	121-43-7	30%	0.01682%			
GW-3LDF	Baker Hughes	Gelling Agent	1-butoxy-2-propanol	5131-66-8	5%	0.04696%			
			Crystalline Silica: Quartz	14808-60-7	5%	0.04696%			
			Guar Gum	9000-30-0	60%	0.56357%			
			Isotridecanol, ethoxylated	9043-30-5	5%	0.04696%			
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.28178%			
			Petroleum Distillates	64742-47-8	30%	0.28178%			
			NE-900, tote	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.02002%
Parasorb 5005, 50 lb bag	Baker Hughes	Paraffin Inhibitor	Nonyl phenyl polyethylene glycol ether	9016-45-9	10%	0.00667%			
			Calcined Diatomaceous Earth	91053-39-3	100%	0.03714%			
			Complex Ester	Trade Secret	30%	0.01114%			
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00037%			
			Ethylene-Vinyl Acetate Copolymer	Trade Secret	5%	0.00186%			
			Heavy Aromatic Naphtha	64742-94-5	10%	0.00371%			
			Mineral Oil	8042-47-5	5%	0.00186%			
			Naphthalene	91-20-3	1%	0.00037%			
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	21.29976%			
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00557%			
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00019%			
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01857%			
			Phosphonic Acid	13598-36-2	1%	0.00019%			
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.01485%			
			Mixture of Surfactants	Trade Secret	60%	0.01398%			
			Oxyalkylated Alkylphenol (1)	Trade Secret	10%	0.00262%			
			Oxyalkylated Alkylphenol (2)	Trade Secret	10%	0.00262%			
			Oxyalkylated Amine	Trade Secret	3%	0.00079%			
			Polyoxyalkylene	Trade Secret	10%	0.00262%			
			Water	7732-18-5	50%	0.01165%			
			Ingredients shown above are subject to 29 CFR 1910			2-butoxy-1-propanol	15821-83-7	0%	0.0007514%
			Copolymer	Trade Secret	0%	0.0266925%			
			Cured Resin	Trade Secret	0%	0.0026741%			
Hemicellulase	9025-56-3	0%	0.0027251%						
Enzyme Concentrate			Potassium Hydroxide	1310-58-3	0%	0.0025053%			
Water	7732-18-5	0%	0.3363938%						
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: Chris S Lopez		Regulatory and Title: Permitting Specialist					
Date: 9/27/2013									
E-mail Address: clopez@djsimmons.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.