

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: 30-015-40038							
		2. Well Name: SPUD 16 STATE #008H							
		3. Well Number: 008H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:D Section:16 Township:23S Range:29E Feet from:523 N/S Line:N Feet from:665 E/W Line:W							
		5. Bottom Hole Location: Unit:D Lot:D Section:16 Township:23S Range:29E Feet from:523 N/S Line:N Feet from:665 E/W Line:W							
		6. Latitude: 32.311024808422 Longitude: - 103.996085885203							
		7. County: Eddy							
8. Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP 333 W. Sheridan Avenue Oklahoma City 73102			9. OGRID: 6137		10. Phone Number: 405-228-8588				
11. Last Fracture Date: 6/7/2012 Frac Performed by: Baker Hughes			12. Production Type: O						
13. Pool Code(s): 96721			14. Gross Fractured Interval: 7,790 ft to 11,765 ft						
15. True Vertical Depth (TVD): 7,775 ft			16. Total Volume of Fluid Pumped: 32,481 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)			
Water	Operator	Carrier	Water	7732-18-5	100%	83.81867%			
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.04809%			
			Water	7732-18-5	92.5%	0.59307%			
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00611%			
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.0018%			
			Water	7732-18-5	97%	0.05829%			
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	60%	0.00332%			
			Crystalline Silica Quartz	14808-60-7	30%	0.00166%			
GBW-33D	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	Trade Secret	100%	0.00074%			
BC-3	Baker Hughes	Breaker Catalyst	No Hazardous Ingredients	Trade Secret	100%	0.00843%			
BF-9L, 55 gal drum	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.08172%			
			Potassium Hydroxide	1310-58-3	30%	0.04086%			
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.0641%			
			Water	7732-18-5	30%	0.02564%			
Clay Master-5C	Baker Hughes	Clay Control	Oxyakylated Amine Quat	138879-94-4	60%	0.00022%			
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.0003%			
			Methanol	67-56-1	60%	0.00059%			
			Olefin	Trade Secret	5%	5E-05%			
			Polyoxyalkylenes	Trade Secret	30%	0.0003%			
XLW-4	Baker Hughes	Crosslinker	Propargyl Alcohol	107-19-7	10%	0.0001%			
XLW-30G, drum	Baker Hughes	Crosslinker	Sodium Borate Decahydrate	1303-96-4	30%	0.01028%			
			Borate Suspension	Trade Secret	99.8%	0.06085%			
GW-4LDF	Baker Hughes	Gelling Agent	Crystalline Silica Quartz	14808-60-7	0.2%	0.00012%			
			Guar Gum	9000-30-0	60%	0.41196%			
			Paraffinic Petroleum Distillate	64742-55-8	60%	0.41196%			
AG-12	Baker Hughes	Gelling Agent	Petroleum Distillate	64742-47-8	60%	0.41196%			
			Acrylic Polymers	26006-22-4	50%	0.00033%			
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	21.1%	0.00014%			
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00183%			
NE-945, tote	Baker Hughes	Non-emulsifier	Ammonium Hydroxide	1336-21-6	5%	9E-05%			
			Cupric Chloride	7447-39-4	5%	9E-05%			
			Oxyalkylated alcohol	Trade Secret	5%	0.00371%			
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.26418%			
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.41443%			
			Hexamethylenetetramine	1009-7-0	0.01%	0.00029%			
			P/F Resin	9003-35-4	5%	0.14678%			
Super LC, 20/40	Baker Hughes	Proppant	Silicon Dioxide (Silica Sand)	14808-60-7	97%	2.84746%			
			Calcium Chloride	10043-52-4	5%	0.0011%			
			Ethylene Glycol	107-21-1	30%	0.0066%			
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.01811%			
			Methanol	67-56-1	30%	0.01233%			
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Mixture of Surfactants	Trade Secret	50%	0.02055%			
			Water	7732-18-5	30%	0.01233%			
Ingredients shown above are subject to 29 CFR 1910			85% Phosphoric Acid, FG	10361-65-6	0%	1E-07%			
			Acetyl Triethyl Citrate	77-89-4	0%	0.0084261%			
			Alkoxylated Amine	Trade Secret	0%	0.0074139%			
			Alkylen Oxide Block Polymer	Trade Secret	0%	0.0084519%			
			Antifoam	Trade Secret	0%	1.48E-05%			
			Boric Acid	10043-35-3	0%	1E-07%			
			Calcium Carbonate	471-34-1	0%	5.16E-05%			
			Calcium Chloride	10043-52-4	0%	1E-07%			
			Corn Meal	N.A.	0%	0.0006116%			
			Cupric Sulfate 5 H2O, ACS	7758-99-8	0%	1E-07%			
			Cured Acrylic Resin	Trade Secret	0%	0.001658%			
			D-Biotin ,USP	119616-38-5	0%	1E-07%			
			Fatty Acid Esters	67701-32-0	0%	1.26E-05%			
			Fatty Acid Oxyalkylate	70142-34-6	0%	1.3E-06%			
			Ferric Chloride, Hexahydrate	7705-08-0	0%	1E-07%			
			Formaldehyde	50-00-0	0%	4.9E-06%			
			Glycerin	56-81-5	0%	0%			
			Linseed Meal	8001-26-1	0%	7.37E-05%			
			Magnesium Sulfate	7487-88-9	0%	1E-07%			
			Mannan Endo-1,4-B-Mannosidase	37288-54-3	0%	8E-07%			
			Methanol	67-56-1	0%	5.09E-05%			
			Modified Thiourea Polymer	68527-49-1	0%	0.0001084%			
			Organic Sulfonic Acid	27176-87-0	0%	0.0001483%			
			Oxyalkylated Alkylphenol	9016-45-9	0%	1.19E-05%			
			Polyacrylate	Trade Secret	0%	0.0044015%			
			Polyethylene Glycol	25322-68-3	0%	1E-07%			
			Polyglycol	25322-68-3	0%	0.0014086%			
			Polyquaternary Amine	Trade Secret	0%	0.0008897%			
			Potassium Chloride	7447-40-7	0%	1.1E-05%			
			Potassium Sulfate	7778-80-5	0%	1E-07%			
			Sodium Chloride	7647-14-5	0%	3.36E-05%			
			Sodium Molybdate	7631-95-0	0%	1E-07%			
			Soy Isoflavone	486-66-8	0%	1E-07%			
			Thiamine-HCl	67-03-8	0%	1E-07%			
			Water	7732-18-5	0%	0.1546643%			
			Xylene	1330-20-7	0%	4E-06%			
			Yeast Extract	8013-01-2	0%	1E-07%			
			Zinc Sulfate	7446-19-7	0%	1E-07%			
			Heptahydrate						
			diester of sulfosuccinic acid sodium salt	2673-22-5	0%	3.3E-06%			
			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: Derek Berg Title: Engineering Technician						
			Date: 11/6/2012						
			E-mail Address: derek.berg@dmn.com						
			NMOC does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOC does not require the reporting or disclosure of proprietary, trade secret or confidential business information.						