

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. 30-015-27711							
		2. Well Name: TODD 27 M FEDERAL #013							
		3. Well Number: 013							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: Lot:M Section:27 Township:23S Range:31E Feet from:660 N/S Line:S Feet from:330 E/W Line:W							
		5. Bottom Hole Location: Unit:M Lot:M Section:27 Township:23S Range:31E Feet from:660 N/S Line:S Feet from:330 E/W Line:W							
		6. latitude: longitude: 32.269969206291 - 103.773133799855							
		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: 7/16/2012 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 33745		14. Gross Fractured Interval: 7,169 ft to 8,036 ft							
15. True Vertical Depth (TVD): 7,246 ft		16. Total Volume of Fluid Pumped: 908 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%	81.52454%			
Superset-W, 330 gl tote	Baker Hughes	Activator	Methanol	67-56-1	50%	0.02724%			
			Poly (Oxyethylene) Nonylphenol Ether	9016-45-9	50%	0.02724%			
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	0.00015%			
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	0.00031%			
			Crystalline Silica: Cristobalite	14464-46-1	1%	3E-05%			
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	3E-05%			
			Diatomaceous Earth, Calcined	91053-39-3	60%	0.00185%			
			Magnesium Chloride	7786-30-3	5%	0.00015%			
			Magnesium Nitrate	10377-60-3	10%	0.00031%			
			Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00308%
GBW-33D	Baker Hughes	Breaker	Water	7732-18-5	97%	0.09953%			
			Hemicellulase Enzyme Concentrate	Trade Secret	100%	0.00641%			
BC-3	Baker Hughes	Breaker Catalyst	No Hazardous Ingredients	Trade Secret	100%	0.03634%			
BF-9L, 300 gal tote	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.08673%			
ClayCare, tote	Baker Hughes	Clay Control	Potassium Hydroxide	1310-58-3	30%	0.04337%			
			Choline Chloride	67-48-1	75%	0.07172%			
XLW-24, tote	Baker Hughes	Crosslinker	Water	7732-18-5	30%	0.02869%			
			Glyoxal	107-22-2	10%	0.01009%			
GW-4LDF	Baker Hughes	Gelling Agent	Sodium Tetraborate	1303-96-4	30%	0.03026%			
			Guar Gum	9000-30-0	60%	0.3651%			
NE-945, tote	Baker Hughes	Non-emulsifier	Paraffinic Petroleum Distillate	64742-55-8	60%	0.3651%			
			Petroleum Distillate	64742-47-8	60%	0.3651%			
Sand, White, 20/40	Baker Hughes	Proppant	Oxyalkylated alcohol	Trade Secret	5%	0.00403%			
Super LC, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.85557%			
			Hexamethylenetetramine	1009-7-0	0.01%	0.00055%			
			P/F Resin	9003-35-4	5%	0.2728%			
Techni-Hib 756	Baker Hughes	Salt Inhibitor	Silicon Dioxide (Silica Sand)	14808-60-7	97%	5.29231%			
			Hydrochloric Acid	7647-01-0	5%	0.0158%			
Flo-Back Prime (tote)	Baker Hughes	Surfactant	Phosphoric Acid	7664-38-2	2%	0.00632%			
			Essential Oils	Trade Secret	60%	0.05454%			
Ingredients shown above are subject to 29 CFR 1910			Isopropanol	67-63-0	30%	0.02727%			
			85% Phosphoric Acid, FG	10361-65-6	0%	6E-07%			
			Acetyl Triethyl Citrate	77-89-4	0%	0.0363433%			
			Alkoxylated Amine	Trade Secret	0%	0.0080678%			
			Alkylene Oxide Block Polymer	Trade Secret	0%	0.0091973%			
			Antifoam	Trade Secret	0%	1.61E-05%			
			Boric Acid	10043-35-3	0%	6E-07%			
			Calcium Carbonate	471-34-1	0%	0.0004487%			
			Calcium Chloride	10043-52-4	0%	1.3E-06%			
			Citrus Terpenes	94266-47-4	0%	0.0545445%			
			Corn Meal	N.A.	0%	0.0053201%			
			Cupric Sulfate 5 H2O, ACS	7758-99-8	0%	6E-07%			
			D-Biotin ,USP	119616-38-5	0%	6E-07%			
			Ferric Chloride, Hexahydrate	7705-08-0	0%	6E-07%			
			Linseed Meal	8001-26-1	0%	0.000641%			
			Magnesium Sulfate	7487-88-9	0%	6E-07%			
			Mannan Endo-1,4-B-Mannosidase	37288-54-3	0%	7.1E-06%			
			Organic Polyol	112-27-6	0%	0.0090908%			
			Organic Sulfonic Acid	27176-87-0	0%	0.0001614%			
			Polyethylene Glycol	25322-68-3	0%	6E-07%			
			Polyglycol	25322-68-3	0%	0.0015329%			
			Polyquaternary Amine	Trade Secret	0%	0.0009681%			
			Potassium Sulfate	7778-80-5	0%	6E-07%			
			Sodium Chloride	7647-14-5	0%	0.0138284%			
			Sodium Molybdate	7631-95-0	0%	6E-07%			
			Soy Isoflavone	486-66-8	0%	6E-07%			
			Surfactants	Trade Secret	0%	0.0636353%			
			Thiamine-HCl	67-03-8	0%	6E-07%			
			Water	7732-18-5	0%	0.1736329%			
			Yeast Extract	8013-01-2	0%	6E-07%			
			Zinc Sulfate	7446-19-7	0%	6E-07%			
			Heptahydrate						
			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@dm.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.