

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: 30-039-22053							
		2. Well Name: JICARILLA 107 #005							
		3. Well Number: 005							
<b>HYDRAULIC FRACTURING FLUID DISCLOSURE</b>  <input checked="" type="checkbox"/> Original  <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:F Lot:F Section:33 Township:26N Range:04W Feet from:1720 N/S Line:N Feet from:1495 E/W Line:W							
		5. Bottom Hole Location: Unit:F Lot:F Section:33 Township:26N Range:04W Feet from:1720 N/S Line:N Feet from:1495 E/W Line:W							
		6. Iatititude: 36.4456385844869 longitude: - 107.26097390976							
		7. County: Rio Arriba							
8. Operator Name and Address: ENERGEN RESOURCES CORPORATION 2010 Afton Place Farmington 87401				9. OGRID: 162928	10. Phone Number: 505-324-4154				
11. Last Fracture Date: 5/21/2012 Frac Performed by: Haliburton				12. Production Type: G					
13. Pool Code(s): 72439				14. Gross Fractured Interval: 3,390 ft to 3,458 ft					
15. True Vertical Depth (TVD): 7,900 ft				16. Total Volume of Fluid Pumped: 545 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)			
2% KCL Water	Operator	Fluid	Potassium Chloride	7447-40-7	100%	54.04841%			
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	2.50655%			
SSA-2	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	1.40031%			
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	26.60588%			
BC-140	Halliburton	Crosslinker	Ethylene glycol	107-21-1	30%	0.02437%			
			Monoethanolamine borate	26038-87-9	60%	0.04873%			
AQF-2 FOAMING AGENT	Halliburton	Foaming Agent	Diethylene glycol	111-46-6	10%	0.01454%			
			Ethylene glycol monobutyl ether	111-76-2	30%	0.04361%			
SuperFlo 2000	Halliburton	Surfactant	Methanol	67-56-1	10%	0.00347%			
			Terpene	Confidential Business Information	30%	0.0104%			
LGC-36 UC	Halliburton	Liquid Gel Concentrate	Guar gum	9000-30-0	60%	0.12622%			
			Naphtha, hydrotreated heavy	64742-48-9	60%	0.12622%			
HAI-82 ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Quaternary Amine Salt	Confidential Business Information	10%	0.00022%			
			Isopropanol	67-63-0	10%	0.00022%			
			Methanol	67-56-1	30%	0.00065%			
			Propargyl alcohol	107-19-7	5%	0.00011%			
GBW-30 BREAKER	Halliburton	Breaker	Hemicellulase enzyme	9012-54-8	15%	0.00063%			
			Carbohydrates	Confidential Business Information	95%	0.00399%			
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00168%			
			Walnut hulls	Mixture	100%	0.0056%			
Nitrogen	Halliburton				0%	0%			
Ingredients Listed Below This Line Are Part of the			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%			
			Alcohols, Ethoxylated	Confidential Business Information	0%	0%			
			Alkyl Sulfonate	Confidential Business Information	0%	0%			
			C.I. Pigment Red 5	6410-41-9	0%	0%			
			Crystalline silica, quartz	14808-60-7	0%	0%			
			Cured Acrylic Resin	Confidential Business Information	0%	0%			
			Cured Acrylic Resin	Confidential Business Information	0%	0%			
			Enzyme	Confidential Business Information	0%	0%			
			Ethoxylated hydrogenated tallow alkylamines	61790-82-7	0%	0%			
			Ethoxylated nonylphenol	Confidential Business Information	0%	0%			
			Fatty Acid Tall Oil Blend	Confidential Business Information	0%	0%			
			Fatty alcohol polyglycol ether surfactant	9043-30-5	0%	0%			
			Hydrotreated light petroleum distillate	64742-47-8	0%	0%			
			Isopropanol	67-63-0	0%	0%			
			Kerosene	8008-20-6	0%	0%			
			Polyethylene glycol monododecyl ether	9002-92-0	0%	0%			
			Proprietary	Proprietary	0%	0%			
			Proprietary	Proprietary	0%	0%			
			Proprietary	Proprietary	0%	0%			
			Proprietary	Proprietary	0%	0%			
			Proprietary	Proprietary	0%	0%			
			Proprietary	Proprietary	0%	0%			
			Proprietary	Proprietary	0%	0%			
			Proprietary	Proprietary	0%	0%			
			Proprietary	Proprietary	0%	0%			
			Quaternary Amine Salt	Confidential Business Information	0%	0%			
			Quaternary Amine Salt	Confidential Business Information	0%	0%			
			Quaternary ammonium compounds, bis (hydrogenated tallow alkyl) dimethyl,salts with bentonite	68953-58-2	0%	0%			
			Water	7732-18-5	0%	0%			
			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: Anna Stotts Title: Regulatory Analyst						
			Date: 6/11/2012						
E-mail Address: astotts@energen.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.