

Submit within 45 days of well completion	<div>State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505</div>	Revised November 6, 2013				
<div>HYDRAULIC FRACTURING FLUID DISCLOSURE</div> <div><input checked="" type="checkbox"/> Original</div> <div><input type="checkbox"/> Amendment</div>		1. WELL API NO: 30-039-21484				
		2. Well Name: JICARILLA 94 #002A				
		3. Well Number: 002A				
		4. Surface Hole Location: Unit:D Lot:D Section:27 Township:27N Range:03W Feet from:990 N/S Line:N Feet from:1190 E/W Line:W				
		5. Bottom Hole Location: Unit:D Lot:D Section:27 Township:27N Range:03W Feet from:990 N/S Line:N Feet from:1190 E/W Line:W				
		6. latitude: 36.5489040584321 longitude: -107.137032238189				
		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: 6/16/2014 Frac Performed by: Halliburton		12. Production Type: G				
13. Pool Code(s): 77360		14. Gross Fractured Interval: 3,965 ft to 4,105 ft				
15. True Vertical Depth (TVD): 6,370 ft		16. Total Volume of Fluid Pumped: 33,869 gals				
17. Total Volume of Re-Use Water Pumped: 0 gals		18. Percent of Re-Use Water in Fluid Pumped: %				
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)
2% KCL Water	Operator				100%	51.9025%
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30%	0.49005%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	32.00156%
LGC-36 UC	Halliburton	Liquid Gel Concentrate	Guar gum	9000-30-0	60%	0.16287%
			Naphtha, hydrotreated heavy	64742-48-9	60%	0.16287%
GasPerm 1100	Halliburton	Non-ionic Surfactant	Ethanol	64-17-5	30%	0.02643%
			Isopropanol	67-63-0	10%	0.00881%
			Methanol	67-56-1	10%	0.00881%
			Terpenes and Terpenoids, sweet orange-oil	68647-72-3	5%	0.00441%
HC-2	Halliburton	Additive	Inner salt of alkyl amines	Confidential Business Information	30%	0.25859%
			Sodium chloride	7647-14-5	30%	0.25859%
BC-140	Halliburton	Crosslinker	Ethylene glycol	107-21-1	30%	0.02072%
			Monoethanolamine borate	26038-87-9	60%	0.04145%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00081%
			Propargyl alcohol	107-19-7	10%	0.00013%
GBW-30 BREAKER	Halliburton	Breaker	Hemicellulase enzyme	9012-54-8	30%	0.00098%
			Carbohydrates	Confidential Business Information	100%	0.00327%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00164%
			Walnut hulls	Mixture	100%	0.00545%
NITROGEN LIQUEFIED	Halliburton	Fluid	Nitrogen	7727-37-9	100%	13.16177%
Ingredients Listed Below This Line Are Part of the			Alcohols, C14-C15, ethoxylated	68951-67-7	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 fatty acid	Confidential Business Information	0%	0%
			Ethoxylated fatty acid	Confidential Business Information	0%	0%
			Ethoxylated fatty acid	Confidential Business Information	0%	0%
			Fatty acids, tall oil	Confidential Business Information	0%	0%
			Fatty alcohol polyglycol ether surfactant	9043-30-5	0%	0%
			Glycerine	56-81-5	0%	0%
			Methyl Isobutyl Ketone	108-10-1	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Quaternary ammonium compounds, bis (hydrogenated tallow alkyl) dimethyl,salts with bentonite	68953-58-2	0%	0%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	0%	0%
			Terpenes and terpenoids	Confidential Business Information	0%	0%
			Water	7732-18-5	0%	0%
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: Anna Stotts		Title: Regulatory Analyst		
Date: 6/19/2014						
E-mail Address: astotts@energen.com						

NMOCOD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCOD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.