

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: 30-039-21657					
				2. Well Name: SHIPLEY #002					
				3. Well Number: 002					
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment				4. Surface Hole Location: Unit:G Lot:G Section:33 Township:24N Range:03W Feet from:1840 N/S Line:N Feet from:1840 E/W Line:E					
				5. Bottom Hole Location: Unit:G Lot:G Section:33 Township:24N Range:03W Feet from:1840 N/S Line:N Feet from:1840 E/W Line:E					
				6. latitude: longitude: 36.26944 -107.1585					
				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: 1/15/2013 Frac Performed by: HALLIBURTON				12. Production Type: G					
13. Pool Code(s): 39189				14. Gross Fractured Interval: 6,188 ft to 6,300 ft					
15. True Vertical Depth (TVD): 7,516 ft				16. Total Volume of Fluid Pumped: 632 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				100%	65.48822%			
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	1.30299%			
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	26.08922%			
BC-200 UC	Halliburton	Crosslinker	Modified Alkane	Confidential Business Information	60%	0.04968%			
HC-2	Halliburton	Additive	Inner salt of alkyl amines	Confidential Business Information	30%	0.07136%			
			Sodium chloride	7647-14-5	30%	0.07136%			
SuperFlo 2000	Halliburton	Surfactant	Methanol	67-56-1	10%	0.00296%			
			Terpene	Confidential Business Information	30%	0.00888%			
LGC-36 UC	Halliburton	Liquid Gel Concentrate	Guar gum	9000-30-0	60%	0.17648%			
			Naphtha, hydrotreated heavy	64742-48-9	60%	0.17648%			
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.0008%			
			Potassium metaborate	13709-94-9	60%	0.00958%			
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00155%			
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive	Acetic acid	64-19-7	60%	0.00787%			
			Acetic anhydride	108-24-7	100%	0.01312%			
FE-2A	Halliburton	Additive	Citric acid	77-92-9	60%	0.00907%			
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00065%			
			Propargyl alcohol	107-19-7	10%	0.00011%			
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00937%			
			Crystalline silica, quartz	14808-60-7	30%	0.00281%			
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00205%			
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.01259%			
NITROGEN LIQUEFIED	Halliburton	Fluid	Nitrogen	7727-37-9	100%	6.40067%			
Ingredients Listed Below This Line Are Part of the			2-Ethyl hexanol	104-76-7	0%	0%			
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%			
			Alcohols, C14-C15, ethoxylated	68951-67-7	0%	0%			
			Ammonium chloride	12125-02-9	0%	0%			
			Borate salts	Confidential Business Information	0%	0%			
			Butyl alcohol	71-36-3	0%	0%			
			Crystalline silica, quartz	14808-60-7	0%	0%			
			Cured Acrylic Resin	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%			
			Isopropanol	67-63-0	0%	0%			
			Methanol	67-56-1	0%	0%			
			Modified bentonite	Confidential Business Information	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%			
			Olefins	Confidential Business Information	0%	0%			
			Organic salt	Confidential Business Information	0%	0%			
			Polyacrylamide Copolymer	Confidential Business Information	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%			
			Propylene carbonate	108-32-7	0%	0%			
			Propylene glycol	57-55-6	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%			
			Sodium carbonate	497-19-8	0%	0%			
			Sodium chloride	7647-14-5	0%	0%			
			Sodium sulfate	7757-82-6	0%	0%			
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%			
			Sorbitan, mono -9- octadecenoate, (Z)	1338-43-8	0%	0%			
			Tall oil acid diethanolamide	68155-20-4	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: 1/31/2013						
			E-mail Address: astotts@energen.com						
			NMOCDC does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDC does not require the reporting or disclosure of proprietary, trade secret or confidential business information.						