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.: 30-039-26827

2. Well Name: JICARILLA 96 #002C

3. Well Number: 002C

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:G Lot:G Section:2 Township:26N Range:03W
Feet from:1750 N/S Line:N
Feet from:1825 E/W Line:E

5. Bottom Hole Location:
Unit:G Lot:G Section:2 Township:26N Range:03W
Feet from:1750 N/S Line:N
Feet from:1825 E/W Line:E

6. latitude: 0 longitude: 0

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: 6/11/2013 Frac Performed by: HALLIBURTON

12. Production Type: G

13. Pool Code(s): 77360

14. Gross Fractured Interval: 3,722 ft to 3,782 ft

15. True Vertical Depth (TVD): 6,252 ft

16. Total Volume of Fluid Pumped: 23,562 gals

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)
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30%	0.69861%
2% KCL Water	Operator				100%	51.6231%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	28.66694%
SSA-2	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	1.2995%
LGC-36 UC	Halliburton	Liquid Gel Concentrate	Guar gum	9000-30-0	60%	0.11572%
			Naphtha, hydrotreated heavy	64742-48-9	60%	0.11572%
BC-140	Halliburton	Crosslinker	Ethylene glycol	107-21-1	30%	0.01403%
			Monoethanolamine borate	26038-87-9	60%	0.02807%
AQF-2 FOAMING AGENT	Halliburton	Foaming Agent	Ethylene glycol monobutyl ether	111-76-2	30%	0.03777%
			Diethylene glycol	111-46-6	10%	0.01259%
GasPerm 1100	Halliburton	Non-ionic Surfactant	Ethanol	64-17-5	30%	0.02438%
			Isopropanol	67-63-0	10%	0.00813%
			Methanol	67-56-1	10%	0.00813%
			Terpenes and Terpenoids, sweet orange-oil	68647-72-3	5%	0.00406%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00058%
			Propargyl alcohol	107-19-7	10%	0.0001%
GBW-30 BREAKER	Halliburton	Breaker	Hemicellulase enzyme	9012-54-8	30%	0.00117%
			Carbohydrates	Confidential Business Information	100%	0.0039%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00195%
			Walnut hulls	Mixture	100%	0.0065%
NITROGEN LIQUEFIED	Halliburton	Fluid	Nitrogen	7727-37-9	100%	15.62359%
Ingredients Listed Below This Line Are Part of the			Alcohols, C14-C15, ethoxylated	68951-67-7	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 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%
			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%

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: 8/29/2013

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.