Submit within 45 days of well o	completion	State of New Mexico Energy, Minerals and Natural Resources				Revised February 15, 2012 1. WELL API NO. 30-039-26846			
Oil Conservation Division 1220 S. St Francis Dr.						2. Well Name: JOHNSTON SHEAR #001B			
HYDRAULIC FRACTURING FLUID DISCLOSURE						4. Surface Hole Location: Unit:A Lot:A Section:3 Township:26N Range:03W Feet from:660 N/S Line:N			
⊠ Original						5. Bottom Hole L	ocation:	W Line:E	- 00111
□ Amendment				Unit:A Lot:A Feet from:660 Feet from:660 6. latitude:	N/s	ownship:26N Range:03W //S Line:N //W Line:E longitude:			
						7. County:		0	
Operator Name and Address:					9. OGRID:	Rio A 162928	rriba 10. Phone Numi		505-324-4154
ENERGEN RESOL 2010 Afton Place Farmington 87401		RPORATION Performed by: Halliburton			14-70-05-75-76-67	1003.7900200	To. Phone Num	Del.	303-324-4134
		12. Producti							
13. Pool Code(s): 77360			3,	ctured Interval: 767 ft to 3,806 ft					
15. True Vertical Depth (TVD): 6,238 ft					1000	lume of Fluid Pump 5,183 gals	oed:		
17. HYDRAULIC FLUID Trade Name	Supplier	Purpose	TON: Ingredients	(CAS #) Chemi Service #	cal Abstract	Maximum Ingred		Maximum Ingredient Concentration in HF Fluid (% by mass)	
2% KCL Water HYDROCHLORIC ACID 10-	Operator Halliburtor	,	Hydrochloric acid	7647-01-0		mass) 100% 30%		massy	53.07025% 0.65812%
30%		100.000							
SAND - COMMON WHITE SAND - PREMIUM WHITE	Halliburtor		Crystalline silica, quartz Crystalline silica,	14808-60-7 14808-60-7		100%			1.24994%
			quartz				60%		
LGC-36 UC	Halliburtor	Liquid Gel Concentrate	Guar gum Naphtha, hydrotreated heavy	9000-30-0 64742-48-9		60%			0.17511% 0.17511%
BC-140	Halliburtor	n Crosslinker	Ethylene glycol Monoethanolamine borate	107-21-1 26038-87-9		30% 60%			0.0075% 0.015%
GasPerm 1100	Halliburtor	Non-ionic Surfactant	Ethanol	64-17-5 67-63-0		30% 10%			0.03225% 0.01075%
			Isopropanol Methanol	67-56-1			10%		0.01075%
			Terpenes and Terpenoids, sweet orange-oil	68647-72-3			5%		0.00537%
AQF-2 FOAMING AGENT	Halliburtor	n Foaming Agent	Ethylene glycol monobutyl ether Diethylene glycol	111-76-2 111-46-6		30% 10%			0.04736% 0.01579%
HAI-OS ACID INHIBITOR	Halliburtor	Corrosion Inhibitor	Methanol	67-56-1		609			0.00222%
OPTIFLO-HTE	Halliburtor	n Breaker	Propargyl alcohol Crystalline silica, quartz	107-19-7 14808-60-7		10% 30%			0.00037% 0.00165%
GBW-30 BREAKER	Halliburtor	n Breaker	Walnut hulls Hemicellulase	Mixture 9012-54-8			100% 30%		0.0055% 0.00157%
GBW-30 BREAKER	rialibuitoi	l Breaker	enzyme Carbohydrates	Confidential I	Business		100%		0.00525%
NITROGEN LIQUEFIED	Halliburtor	n Fluid	Nitrogen	Information 7727-37-9		e K	100%		15.25087%
Ingredients Listed Below This Line Are Part of the			Alcohols, C14-C15, ethoxylated Alkyl sulfonate	68951-67-7 Confidential I	Business		0%		0%
			C.I. Pigment Red 5	Information 6410-41-9			0%		0%
			Crystalline silica, quartz	14808-60-7			0%		0%
			Cured acrylic resin	Confidential I	Business		0%		0%
			Cured acrylic resin	Confidential I Information			0%		0%
			Enzyme Ethoxylated fatty acid	Confidential I Information Confidential I		0%			
			Ethoxylated fatty acid	Information		0%		0%	
			Ethoxylated fatty acid	Information	And the second second	0%		0%	
			Fatty acids, tall oil	Information Confidential	MANAGES - 1000-70		0%		0%
			Fatty alcohol	Information 9043-30-5			0%		0%
			polyglycol ether surfactant Methyl Isobutyl	108-10-1			0%		0%
			Ketone	100-10-1			0.70		0.70

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.

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.

10/7/2013

Signed Electronically Printed Name: Anna Stotts

Signature:

Date:

0%

0%

0%

0%

0%

0%

0%

Title: Regulatory Analyst

0%

0%

0%

0%

0%

0%

0%

Quaternary
ammonium
compounds, bis
(hydrogenated tallow
alkyl) dimethyl,salts
with bentonite

Reaction product of
acetophenone,
formaldehyde,
thiourea and oleic
acid in dimethyl
formamide

Terpenes and
terpenoids

Water

68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-58-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2
68953-68-2

Confidential Business

Information
Confidential Business

Confidential Business

Information
Confidential Business

Confidential Business

7732-18-5

Information

Information

68953-58-2

Olefins

Olefins

Olefins

Olefins

Water