

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 November 6, 2013						
		1. WELL API NO: 30-045-34360						
		2. Well Name: FEDERAL 21 8 13 #004						
		3. Well Number: 004						
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:J Lot:J Section:13 Township:21N Range:08W Feet from:1996 N/S Line:S Feet from:1982 E/W Line:E						
		5. Bottom Hole Location: Unit:J Lot:J Section:13 Township:21N Range:08W Feet from:1996 N/S Line:S Feet from:1982 E/W Line:E						
		6. Latitude: 0 Longitude: 0						
		7. County: San Juan						
8. Operator Name and Address: SG INTERESTS I LTD PO BOX 2677 DURANGO 81302		9. OGRID: 20572		10. Phone Number:				
11. Last Fracture Date: 4/26/2012 Frac Performed by: Halliburton		12. Production Type: G						
13. Pool Code(s): 71629		14. Gross Fractured Interval: 450 ft to 480 ft						
15. True Vertical Depth (TVD): 836 ft		16. Total Volume of Fluid Pumped: 43,929 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)		
Fresh Water	Operator				100%	76.37113%		
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30%	0.33628%		
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	21.65176%		
BC-140	Halliburton	Crosslinker	Ethylene glycol Monoethanolamine borate	107-21-1 26038-87-9	30% 60%	0.03819% 0.07639%		
SandWedge ABC	Halliburton	Flow Enhancer	Ethoxylated amine	Confidential Business Information	5%	0.01714%		
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.10282%		
			Naphthalene	91-20-3	5%	0.01714%		
SuperFlo 2000	Halliburton	Surfactant	Methanol	67-56-1	10%	0.00379%		
			Terpene	Confidential Business Information	30%	0.01136%		
LGC-36 UC	Halliburton	Liquid Gel Concentrate	Guar gum	9000-30-0	60%	0.19266%		
			Naphtha, hydrotreated heavy	64742-48-9	60%	0.19266%		
GBW-30 BREAKER	Halliburton	Breaker	Hemicellulase enzyme	9012-54-8	30%	0.00532%		
			Carbohydrates	Confidential Business Information	100%	0.01774%		
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00282%		
			Walnut hulls	Mixture	100%	0.00939%		
Ingredients Listed Below This Line Are Part of the			Acetic acid	64-19-7	0%	0%		
			Alcohol	106-24-1	0%	0%		
			Alcohol	106-25-2	0%	0%		
			Alcohol	106-22-9	0%	0%		
			Amines	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%		
			Fatty acid amine salt mixture	68139-75-3	0%	0%		
			Fatty alcohol polyglycol ether surfactant	9043-30-5	0%	0%		
			Glycol compound	Confidential Business Information	0%	0%		
			Isopropanol	67-63-0	0%	0%		
			Oxyalkylated polymer	Confidential Business Information	0%	0%		
			Phenolic compound	Confidential Business Information	0%	0%		
			Potassium acetate	127-08-2	0%	0%		
			Quaternary ammonium compound	Confidential Business Information	0%	0%		
			Quaternary ammonium compounds, bis (hydrogenated tallow alkyl) dimethyl,salts with bentonite	68953-58-2	0%	0%		
			Terpene	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: JOE BECKSTED Title: _____					
Date: 1/16/2014								
E-mail Address: jo@nikaenergy.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.