

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: 30-031-21114				
		2. Well Name: CISCO 20 6 12 #004				
		3. Well Number: 004				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:P Lot:P Section:12 Township:20N Range:06W Feet from:1205 N/S Line:S Feet from:330 E/W Line:E				
		5. Bottom Hole Location: Unit:P Lot:P Section:12 Township:20N Range:06W Feet from:1205 N/S Line:S Feet from:330 E/W Line:E				
		6. Latitude: 0 Longitude: 0				
		7. County: McKinley				
8. Operator Name and Address: SG INTERESTS I LTD PO BOX 2677 DURANGO 81302		9. OGRID: 20572	10. Phone Number:			
11. Last Fracture Date: 10/17/2013 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 26710		14. Gross Fractured Interval: 2,204 ft to 2,252 ft				
15. True Vertical Depth (TVD): 2,882 ft		16. Total Volume of Fluid Pumped: 59,917 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)
Water	Operator	Carrier	Water	7732-18-5	100%	86.97551%
HCl, 7.6-10%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	10%	0.07069%
			Water	7732-18-5	90%	0.63621%
GBW-5	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.0148%
Enzyme G-I	Baker Hughes	Breaker	Contains non- hazardous ingredients listed in non-MSDS Section of report	NA	100%	0.04935%
High Perm CRB-LT	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	80%	0.00766%
			Crystalline Silica	7631-86-9	20%	0.00192%
BC-6	Baker Hughes	Breaker Catalyst	Triethanolamine	102-71-6	60%	0.02533%
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.17275%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00039%
			Methanol	67-56-1	60%	0.00078%
			Olefin	Trade Secret	5%	6E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00039%
			Propargyl Alcohol	107-19-7	10%	0.00013%
			Thiourea Polymer	68527-49-1	30%	0.00039%
XLW-32, 260 gal tote	Baker Hughes	Crosslinker	Boric Acid	10043-35-3	30%	0.01735%
			Methanol	67-56-1	60%	0.0347%
			Methyl Borate	121-43-7	30%	0.01735%
GW-3LDF	Baker Hughes	Gelling Agent	1-Butoxy-2-propanol	5131-66-8	5%	0.02208%
			Crystalline Silica; Quartz	14808-60-7	5%	0.02208%
			Guar-Gum	9000-30-0	60%	0.26491%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.02208%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.13246%
			Petroleum Distillates	64742-47-8	30%	0.13246%
NE-900, tote	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.01866%
			Nonyl phenyl polyethylene glycol ether	9016-45-9	10%	0.00622%
Sand, Brown, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	8.37066%
Sand, Brown, 30/50	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.23195%
FlexSand MSE, 14/30	Baker Hughes	Proppant	Cured Resin	25085-99-8	10%	0.04283%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.00087%
			Oxyalkylated Alkyphenol-1	Trade Secret	10%	0.00029%
			Oxyalkylated Alkyphenol-2	Trade Secret	10%	0.00029%
			Oxyalkylated Amine	Trade Secret	3%	9E-05%
			Polyoxyalkylene	Trade Secret	10%	0.00029%
Ingredients shown above	are subject to 29 CFR 1910(i)	and appear on MSDS.	Ingredients shown below	are non MSDS	0%	0%
					0%	0%
			2-butoxy-1-propanol	15821-83-7	0%	0.0004415%
			Copolymer	Trade Secret	0%	0.0248742%
			Cured Acrylic Resin	Trade Secret	0%	0.0019151%
			Formaldehyde	50-00-0	0%	6E-07%
			Hemicellulase	9025-56-3	0%	0.0014806%
			Enzyme Concentrate			
			Potassium Hydroxide	1310-58-3	0%	0.0028792%
			Sodium Chloride	7647-14-5	0%	6.5E-06%
			Walnut Hulls	NA	0%	0.3854545%
			Water	7732-18-5	0%	0.289006%
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: William Schwab Title: Agent						
Date: 1/21/2014						
E-mail Address: tripp@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.