

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: 30-015-42098							
		2. Well Name: KLEIN 33 FEDERAL COM #005H							
		3. Well Number: 005H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: C Lot: C Section: 33 Township: 26S Range: 27E Feet from: 210 N/S Line: S Feet from: 1980 E/W Line: W							
		5. Bottom Hole Location: Unit: C Lot: C Section: 33 Township: 26S Range: 27E Feet from: 210 N/S Line: S Feet from: 1980 E/W Line: W							
		6. latitude: 32.0005609676551 longitude: -104.196923001304							
		7. County: Eddy							
8. Operator Name and Address: CIMAREX ENERGY CO. 600 N MARIENFELD STREET SUITE 600 MIDLAND 79701		9. OGRID: 215099	10. Phone Number:						
11. Last Fracture Date: 4/29/2015 Frac Performed by: Schlumberger		12. Production Type: O							
13. Pool Code(s): 98017		14. Gross Fractured Interval: 7,298 ft to 7,475 ft							
15. True Vertical Depth (TVD): 7,475 ft		16. Total Volume of Fluid Pumped: 4,421,557 gals							
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed							
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)			
WF, YFFlex, Slickwater	Schlumberger	Surfactant , Breaker, Additive, Gelling Agent, Friction Reducer, Crosslinker, Modified Short Cut Fin	Water (Including Mix Water Supplied by Client)	NA	0%	83.12924%			
			Quartz, Crystalline silica	14808-60-7	98.95126%	16.69383%			
			Guar gum	9000-30-0	0.42095%	0.07102%			
			Synthetic organic polymer	Proprietary	0.21511%	0.03629%			
			Glass fibers	60676-86-0	0.20928%	0.03531%			
			Polyethylene glycol monohexyl ether	31726-34-8	0.05496%	0.00927%			
			Ammonium sulfate	7783-20-2	0.04438%	0.00749%			
			Acrylamide, 2-acrylamido-2-methylpropanesulfonic acid, sodium salt polymer	38193-60-1	0.03275%	0.00553%			
			Potassium borate	1332-77-0	0.02645%	0.00446%			
			Diammonium peroxidisulphate	7727-54-0	0.02146%	0.00362%			
			Potassium hydroxide	1310-58-3	0.00977%	0.00165%			
			Glycerol	56-81-5	0.00862%	0.00145%			
			Polymer of 2-acrylamido-2-methylpropanesulfonic acid sodium salt and methyl acrylate	136793-29-8	0.00351%	0.00059%			
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00229%	0.00039%			
			Urea	57-13-6	0.00215%	0.00036%			
			Solid Unsaturated Polyester Resin	39382-21-3	0.00211%	0.00036%			
			Silicone oil	Proprietary	0.00152%	0.00026%			
			Non-crystalline silica (impurity)	7631-86-9	0.0015%	0.00025%			
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.00124%	0.00021%			
			Sodium sulfate	7757-82-6	0.0005%	8E-05%			
			Propan-2-ol	67-63-0	0.00046%	8E-05%			
			Amorphous Silica	Proprietary	0.00045%	8E-05%			
			Polyethylene-polypropylene glycol methyl ether oleate	Proprietary	0.00017%	3E-05%			
			Ethylene glycol-polyethylene glycol-terephthalic acid copolymer	Proprietary	0.00017%	3E-05%			
			Dodecyl phosphate potassium salt	Proprietary	0.00012%	2E-05%			
			2-propenamid	Ge0eral	0.00011%	2E-05%			
			Phyllosilicate mineral	Proprietary	6E-05%	1E-05%			
			Tetrasodium ethylenediaminetetraacetate	Ge0eral	6E-05%	1E-05%			
			poly(tetrafluoroethylene)	9002-84-0	2E-05%	1E-05%			
			Aliphatic alcohol	Proprietary	1E-05%	1E-05%			
			Siloxanes and silicones, dimethyl, reaction products with silica	67762-90-7	1E-05%	1E-05%			
			Inorganic oxoacid	Proprietary	1E-05%	1E-05%			
			Octamethylcyclotetrasiloxane	556-67-2	1E-05%	1E-05%			
			Decamethyl cyclopentasiloxane	Ge0eral	1E-05%	1E-05%			
			Ethoxylated alcohol	Proprietary	1E-05%	1E-05%			
			Dodecamethylcyclohexasiloxane	540-97-6	1E-05%	1E-05%			
			Copper(II) sulfate	7758-98-7	1E-05%	1E-05%			
			Brominated Diol	Proprietary	1E-05%	1E-05%			
			† Proprietary Technology					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: Skipper Herring		Manager Stimulation Title: Operations		
			Date: 5/27/2015						
			E-mail Address: sherring@cimarex.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.