

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: 30-025-41359							
		2. Well Name: HANSON 26 FEDERAL COM #005H							
		3. Well Number: 005H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:A Lot:A Section:26 Township:20S Range:34E Feet from:330 N/S Line:N Feet from:480 E/W Line:E							
		5. Bottom Hole Location: Unit:A Lot:A Section:26 Township:20S Range:34E Feet from:330 N/S Line:N Feet from:480 E/W Line:E							
		6. Latitude: longitude: 32.5504581669447 - 103.523855281937							
		7. County: Lea							
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: 12/19/2013 Frac Performed by: Halliburton		12. Production Type: O							
13. Pool Code(s): 37580		14. Gross Fractured Interval: 9,616 ft to 9,804 ft							
15. True Vertical Depth (TVD): 9,804 ft		16. Total Volume of Fluid Pumped: 1,932,706 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	Base Fluid	Fresh Water	7732-18-5	100%	85.30806%			
Premium White - 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	10.13888%			
Garnet CRC 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	4.06943%			
LoSurf-360W	Halliburton	Surfactant	Complex alkylamine	Proprietary	5%	0.00412%			
			Glycerine		10%	0.00823%			
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-		30%	0.02469%			
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.02181%			
			Monoethanolamine borate	26038-87-9	100%	0.07269%			
BA-40L BUFFERING AGENT	Halliburton	Buffer	Potassium carbonate	584-08-7	60%	0.03159%			
SCALECHEK LP-55 SCALE INHIBITOR	Halliburton	Scale Inhibitor	Poyacrylate	Proprietary	100%	0%			
Scalechek SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy Calcium Magnesium Phosphate	65997-17-3	100%	0.00953%			
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00222%			
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.0045%			
			Crystalline silica, quartz	14808-60-7	30%	0.00135%			
WG-36 GELLING AGENT	Halliburton	Gel	Guar gum	9000-30-0	100%	0.19385%			
HCL 15%	Petroplex	Acid	Hydrochloric Acid	7647-01-0	15%	0.01552%			
Cronox AK-50	Petroplex	Corrosion Inhibitor	Oxyalkylated Alkylphenol	Proprietary	30%	6E-05%			
			Heavy Aromatic Naptha		30%	6E-05%			
			Isopropanol		30%	6E-05%			
			Fatty Acids	Proprietary	10%	2E-05%			
			Complex Alkylaryl Polyo-Ester	Proprietary	10%	2E-05%			
			Tar Bases, Quinoline Derivatives, Benzyl Chloride-Quaternized	72480-70-7	10%	2E-05%			
			Formaldehyde	50-00-0	10%	2E-05%			
			Acetylenic Alcohol	Proprietary	5%	1E-05%			
			Propargyl Alcohol	107-19-7	5%	1E-05%			
			Napthalene	91-20-3	5%	1E-05%			
			Citric Acid	Petroplex	Iron Control	Citric Acid	77-92-9	100%	0.00518%
			EC9546A	Petroplex	Surfactant	Heavy Aromatic Naptha	64742-94-5	10%	2E-05%
						Isopropanol	67-63-0	60%	0.00011%
						Polyethylene Glycol	25322-68-3	5%	1E-05%
Napthalene	91-20-3	1%				0%			
Phosphoric Acid Ester	Proprietary	10%				2E-05%			
Oxyalkylated Alcohol	Proprietary	10%				2E-05%			
Oxyalkylated Alkyl Alcohol	Proprietary	10%				2E-05%			
ClO2	Bosque	Biocide	Chlorine Dioxide	10049-04-4	100%	0.00032%			
Ingredients Listed Below This Line Are Part of the			Inert ingredient(s)	NA	0%	0%			
			Proprietary ingredient(s)	NA	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: Skipper Herring		Manager Stimulation Title: Operations							
Date: 1/28/2014									
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.