

**State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

1. WELL API NO. 30-025-40637
2. Well Name: HANSON 26 FEDERAL #003
3. Well Number: 003
4. Surface Hole Location: Unit:B Lot:B Section:26 Township:20S Range:34E Feet from:330 N/S Line:N Feet from:1855 E/W Line:E
5. Bottom Hole Location: Unit:B Lot:B Section:26 Township:20S Range:34E Feet from:330 N/S Line:N Feet from:1855 E/W Line:E
6. Latitude: 32.550459611862 Longitude: - 103.528338807882
7. County: Lea

HYDRAULIC FRACTURING FLUID DISCLOSURE

Original

Amendment

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: 9/19/2012 Frac Performed by: Halliburton	12. Production Type: O	
13. Pool Code(s): 37580	14. Gross Fractured Interval: 11,079 ft to 11,253 ft	
15. True Vertical Depth (TVD): 11,253 ft	16. Total Volume of Fluid Pumped: 37,686 bbls	

17. 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	Cimarex				100%	84.07951%
Premium White - 20/40	Halliburton				100%	11.1342%
CRC - 20/40	Halliburton				100%	4.47575%
BC-200	Halliburton				100%	0%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00244%
			Potassium metaborate	13709-94-9	60%	0.02933%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.0145%
VICON NF BREAKER	Halliburton	Breaker	Chlorous acid, sodium salt	7758-19-2	10%	0.00957%
			Sodium chloride	7647-14-5	30%	0.02871%
CAT-OS-1	Halliburton	Activator	Ammonium acetate	631-61-8	30%	0.02214%
			Cobalt acetate	71-48-7	10%	0.00738%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.02376%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.02376%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00226%
FDP-S1041-12	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl),alpha-isodecil,omega-hydroxy)	618227-42-7	30%	0.04798%
			Complex alkylamine		5%	0.008%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.00235%
WG-35 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.15539%
HCL 15%	Petroplex	Acid	Hydrochloric Acid	7647-01-0	15%	0.01469%
Cronox AK-50	Petroplex	Corrosion Inhibitor	Oxyalkylated Alkylphenol	CBI	30%	5E-05%
			Heavy Aromatic Naptha	64742-94-5	30%	5E-05%
			Isopropanol	67-63-0	30%	5E-05%
			Fatty Acids	CBI	10%	2E-05%
			Complex Alkylaryl Poly-Ester	CBI	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	CBI	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%	0.00046%
EC9546A	Petroplex	Surfactant	Heavy Aromatic Naptha	64742-94-5	10%	2E-05%
			Isopropanol	67-63-0	60%	0.0001%
			Polyethylene Glycol	25322-68.3	5%	1E-05%
			Napthalene	91-20-3	1%	0%
			Phosphoric Acid Ester	CBI	10%	2E-05%
			Oxyalkylated Alcohol	CBI	10%	2E-05%
			Oxyalkylated Alkyl Alcohol	CBI	10%	2E-05%
			Crystalline silica, quartz	14808-60-7	0%	0%
Ingredients Listed Below This Line Are Part of the			Ethoxylated Nonylphenol	Confidential Business Information	0%	0%
			Modified Bentonite	Confidential Business Information	0%	0%
			Silica, amorphous - fumed	7631-86-9	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Water	7732-18-5	0%	0%

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.

Signature: Signed Electronically Printed Name: Skipper Herring Manager Stimulation
Title: Operations

Date: 10/2/2012

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.