

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: 30-015-34319				
		2. Well Name: ADRIANNE 6 FEDERAL #001				
		3. Well Number: 001				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:C    Lot:3    Section:6    Township:25S    Range:26E Feet from:200    N/S Line:N Feet from:1700    E/W Line:W				
		5. Bottom Hole Location: Unit:C    Lot:3    Section:6    Township:25S    Range:26E Feet from:200    N/S Line:N Feet from:1700    E/W Line:W				
		6. latitude: 32.1658707		longitude: -104.3353348		
		7. County: Eddy				
8. Operator Name and Address: CIMAREX ENERGY CO. OF COLORADO 202 S. Cheyenne Ave, Ste 1000 Tulsa 74103			9. OGRID: 162683		10. Phone Number: 918-295-1763	
11. Last Fracture Date:    12/16/2016    Frac Performed by:    Liberty			12. Production Type: G			
13. Pool Code(s): 74900, 97566			14. Gross Fractured Interval: 8,441 ft to 10,309 ft			
15. True Vertical Depth (TVD): 10,309 ft			16. Total Volume of Fluid Pumped: 22,728,540 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)
Water	Operator	Carrier	Water	7732-18-5	100%	86.1149475%
SFT-72	Liberty Oilfield Services	Non Emulsifier	Ethoxylated Alcohol	68439-46-3	10%	0.0086297%
			d-Limonene	5989-27-5	5%	0.0043149%
			Methanol	67-56-1	5%	0.0043149%
			1,2,4-Trimethylbenzene	95-63-6	0.2%	0.0001726%
FRP-E3-8	Liberty Oilfield Services	Friction reduction	Distillates (petroleum), hydrotreated light	64742-47-8	45%	0.0375039%
			Alcohols, C12-16, ethoxylated propoxylated	68213-24-1	5%	0.0041671%
CSA-23	Liberty Oilfield Services	Permanent clay stabilizer	Trade Secret	Proprietary	100%	0.0549228%
Bioclear 5000	Lubrizol	Biocide	2,2-dibromo-3- nitrilopropionamide	10222-01-2	10%	0.0023999%
HCL-15	Liberty Oilfield Services	Solvent	Hydrochloric Acid	7647-01-0	30%	0.1587691%
			Water	7732-18-5	70%	0.3704612%
ACI-97	Liberty Oilfield Services	Corrosion Inhibitor	Ethylene glycol	107-21-1	40%	0.0004126%
			Dipropylene glycol, monomethyl ether	34590-94-8	20%	0.0002063%
			Ethoxylated alcohol	Proprietary	10%	0.0001031%
			Formic acid	64-18-6	10%	0.0001031%
			Tar bases, quinoline derivs., benzyl chloride- quaternized	72480-70-7	10%	0.0001031%
			Cinnamaldehyde	104-55-2	10%	0.0001031%
			Isopropyl alcohol	67-63-0	5%	5.16E-05%
ASF-67	Liberty Oilfield Services	Nonionic Non- Emulsifier	Methanol	67-56-1	50%	0.0002145%
ICI-5L	Liberty Oilfield Services	Iron Sequestering Agent	Citric acid	77-92-9	60%	0.0006791%
Liberty Clean Out Fluid	Liberty Oilfield Services	Cleanup Solution	Naphtha (petroleum) hydrotreated heavy	64742-96-7	100%	0.0044877%
Crystalline Silica, Quartz / Unimin Corp	Liberty Oilfield Services	Sand	Crystalline Silica in the form of Quartz	14808-60-7	99.9%	13.0870811%
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:    1/19/2017						
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.