

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: 30-015-42188				
		2. Well Name: LEE FEDERAL #068				
		3. Well Number: 068				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:H    Lot:H    Section:20    Township:17S    Range:31E Feet from:2120    N/S Line:N Feet from:370    E/W Line:E				
		5. Bottom Hole Location: Unit:H    Lot:H    Section:20    Township:17S    Range:31E Feet from:2120    N/S Line:N Feet from:370    E/W Line:E				
		6. latitude:    longitude: 32.8214798347902    -103.884532993997				
		7. County: Eddy				
8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705		9. OGRID:    873	10. Phone Number:    432-818-1062			
11. Last Fracture Date:    12/6/2014    Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 96831		14. Gross Fractured Interval: 4,678 ft to 6,312 ft				
15. True Vertical Depth (TVD): 6,312 ft		16. Total Volume of Fluid Pumped: 516,768 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%	84.4767%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Listed with Chemicals in Ingredients	N/A	0%	1.709%
Activator, 330 gal tote	Baker Hughes	Activator	Listed with Chemicals in Ingredients	N/A	0%	0.0009%
Alpha 125	Baker Hughes	Biocide	Listed with Chemicals in Ingredients	N/A	0%	0.0243%
GBW-15L	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0.0354%
ClayCare, tote	Baker Hughes	Clay Control	Listed with Chemicals in Ingredients	N/A	0%	0.0057%
XLW-10A	Baker Hughes	Crosslinker	Listed with Chemicals in Ingredients	N/A	0%	0.1901%
GW-3	Baker Hughes	Gelling Agent	Listed with Chemicals in Ingredients	N/A	0%	0.1712%
Parasorb 5000, bag	Baker Hughes	Paraffin Inhibitor	Listed with Chemicals in Ingredients	N/A	0%	0.0098%
Sand, Brown, 16/30	Baker Hughes	Proppant	Listed with Chemicals in Ingredients	N/A	0%	10.8663%
Black Ultra, 16/30	Baker Hughes	Proppant	Listed with Chemicals in Ingredients	N/A	0%	2.3058%
INFLO 72	Baker Hughes	Surface Tension Reducer	Listed with Chemicals in Ingredients	N/A	0%	0.0834%
Chemical Ingredients	Baker Hughes	Treatment System	Acetic acid ethenyl ester, polymer with ethene	24937-78-8	15%	0.00147%
			Alcohols, C12-14- Secondary, Ethoxylated	84133-50-6	70%	0.000632%
			Choline Chloride	67-48-1	75%	0.004273%
			Chrystalline Silica	14808-60-7	100%	2.302534%
			Crystalline Silica (Cristobalite)	14464-46-1	1%	9.8E-05%
			Crystalline Silica (Quartz)	14808-60-7	100%	10.850828%
			Diatomaceous Earth, Calcined (kieselguhr)	91053-39-3	70%	0.006862%
			Diatomaceous Earth, Natural (kieselguhr)	61790-53-2	10%	0.00098%
			Enzyme solution	9012-54-8	100%	0.035383%
			Ethylene Glycol	107-21-1	30%	0.056942%
			Furfuryl Alcohol	98-00-0	1%	0.023025%
			Glutaraldehyde	111-30-8	30%	0.007288%
			Guar Gum	9000-30-0	100%	0.170965%
			Hydrochloric Acid	7647-01-0	15%	0.255981%
			Isopropanol	67-63-0	30%	0.024978%
			Methanol	67-56-1	50%	0.000512%
			Mineral Oil	8042-47-5	15%	0.00147%
			Nonionic Alkoxylate	70559-25-0	10%	0.008326%
			Orange Terpene	68647-72-3	5%	0.004163%
			Organic Polyol	112-27-6	15%	0.012489%
			Polyethers	68815-65-6	30%	0.024978%
			Polyethylene glycol	25322-68-3	5%	4.5E-05%
			Sodium Hydroxide	1310-73-2	10%	0.018981%
Sodium Tetraborate	1330-43-4	20%	0.037961%			
Surfactant	68131-39-5	1.5%	0.002914%			
Water	7732-18-5	85%	1.669193%			
Ingredients shown above are subject to 29 CFR 1910					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: Fatima Vasquez    Title: Regulatory Analyst						
Date:    3/21/2015						
E-mail Address:    fatima.vasquez@apachecorp.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.