

Submit within 45 days of well completion	<div>State of New Mexico</div> <div>Energy, Minerals and Natural Resources</div> <div>Oil Conservation Division</div> <div>1220 S. St Francis Dr.</div> <div>Santa Fe, NM 87505</div>	Revised February 15, 2012							
		1. WELL API NO: 30-015-40549							
		2. Well Name: NFE FEDERAL #014							
		3. Well Number: 014							
<div>HYDRAULIC FRACTURING FLUID DISCLOSURE</div> <div><input checked="" type="checkbox"/>Original</div> <div><input type="checkbox"/>Amendment</div>				4. Surface Hole Location: Unit:D Lot:4 Section:6 Township:17S Range:31E Feet from:1030 N/S Line:N Feet from:380 E/W Line:W					
				5. Bottom Hole Location: Unit:D Lot:4 Section:6 Township:17S Range:31E Feet from:1030 N/S Line:N Feet from:380 E/W Line:W					
				6. latitude: longitude: 32.8678851682439 - 103.915730840069					
				7. County: Eddy					
8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705				9. OGRID: 873		10. Phone Number: 432-818-1168			
11. Last Fracture Date: 7/8/2013 Frac Performed by: Baker Hughes				12. Production Type: O					
13. Pool Code(s): 96831				14. Gross Fractured Interval: 4,561 ft to 5,514 ft					
15. True Vertical Depth (TVD): 5,514 ft				16. Total Volume of Fluid Pumped: 235,536 gals					
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)		
Water	Operator	Carrier	Water	7732-18-5	100%		83.84995%		
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%		0.03071%		
			Methanol	67-56-1	50%		0.02194%		
GBW-5	Baker Hughes	Breaker	Ammonium Phosphate	7727-54-0	100%		0.00171%		
GBW-15L	Baker Hughes	Breaker	Enzyme solution	Trade Secret	100%		0.02964%		
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%		0.04136%		
			Water	7732-18-5	30%		0.01655%		
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%		0.04008%		
			Sodium Hydroxide	1310-73-2	10%		0.01336%		
			Sodium Tetraborate Decahydrate	1303-96-4	30%		0.04008%		
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%		0.38172%		
			Petroleum Distillate Blend	8042-47-5	70%		0.89068%		
			Petroleum Distillate Blend	64742-55-8	70%		0.44534%		
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%		0.04166%		
			Propylene Glycol	57-55-6	30%		0.025%		
Sand, White, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%		11.74927%		
SB Excel 16/30	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%		2.26378%		
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%		0.02467%		
			Mixture of Surfactants	Trade Secret	50%		0.04112%		
			Water	7732-18-5	30%		0.02467%		
			Water	7732-18-5	0%		0.0267196%		
Ingredients shown above are subject to 29 CFR 1910									
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: Fatima Vasquez			Title: Regulatory Tech				
Date: 10/30/2013									
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.