

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 February 15, 2012							
		1. WELL API NO: 30-025-40693							
		2. Well Name: LUSK 34 FEDERAL #002H							
		3. Well Number: 002H							
<b>HYDRAULIC FRACTURING FLUID DISCLOSURE</b>  <input checked="" type="checkbox"/> Original  <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:C Lot:C Section:34 Township:19S Range:32E Feet from:330 N/S Line:N Feet from:1715 E/W Line:W							
		5. Bottom Hole Location: Unit:C Lot:C Section:34 Township:19S Range:32E Feet from:330 N/S Line:N Feet from:1715 E/W Line:W							
		6. Iatitute: 32.6231931297311 Longitude: - 103.756968175615							
		7. County: Lea							
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: 2/20/2013 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 41460		14. Gross Fractured Interval: 10,095 ft to 13,948 ft							
15. True Vertical Depth (TVD): 9,802 ft		16. Total Volume of Fluid Pumped: 59,143 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)			
Water	Operator	Carrier	Water	7732-18-5	100%	85.53761%			
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.71868%			
			Water	7732-18-5	85%	4.07254%			
Superset-W, 330 gl tote	Baker Hughes	Activator	Methanol	67-56-1	50%	0.02311%			
			Poly (Oxyethylene) Nonylphenol Ether	9016-45-9	50%	0.02311%			
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00688%			
Clay Master-5C (Tote)	Baker Hughes	Clay Control	Oxyakylated Amine Quat	138879-94-4	60%	0.05402%			
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00072%			
			Olefin	Trade Secret	5%	0.00036%			
			Polyoxyalkylenes	Trade Secret	30%	0.00216%			
			Propargyl Alcohol	107-19-7	5%	0.00036%			
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Aliphatic Hydrocarbon	Trade Secret	30%	0.02464%			
			Oxyalkylated Alcohol	Trade Secret	5%	0.00411%			
Ferrotrol 280L , 330 gl tote	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.01619%			
			Ammonium Hydroxide	1336-21-6	5%	0.00081%			
			Cupric Chloride	7447-39-4	5%	0.00081%			
			Benzyl Chloride	100-44-7	0.3%	3E-05%			
NE-13	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	40%	0.00377%			
			Quaternary Ammonium Compounds	Trade Secret	30%	0.00283%			
			Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	6.75921%
			Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.74324%
Super LC, 20/40	Baker Hughes	Proppant	Hexamethylenetetramine	1009-7-0	0.01%	0.00017%			
			P/F Resin	9003-35-4	5%	0.08692%			
			Silicon Dioxide (Silica Sand)	14808-60-7	97%	1.68626%			
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.02548%			
			Mixture of Surfactants	Trade Secret	50%	0.04246%			
			Water	7732-18-5	30%	0.02548%			
Ingredients shown above are subject to 29 CFR 1910			Anionic Terpolymer	Trade Secret	0%	0.0492807%			
			EDTA	64-02-8	0%	4.11E-05%			
			Ethoxylated Amine	NP-488032_2	0%	0%			
			Formaldehyde	50-00-0	0%	7.19E-05%			
			Hydrochloric Acid	7647-01-0	0%	7.19E-05%			
			Inorganic Salt	7647-14-5	0%	0.0041067%			
			Methanol	67-56-1	0%	0.0072436%			
			Modified Thiorea Polymer	68527-49-1	0%	0.000503%			
			Oxyalkylated Fatty Acid Derivative	Trade Secret	0%	0.0041067%			
			Polyol Ester	Trade Secret	0%	0.0041067%			
			Water	7732-18-5	0%	0.068503%			
			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: 5/7/2013						
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.