

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. 30-025-40797							
		2. Well Name: LUSK 34 FEDERAL #001H							
		3. Well Number: 001H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:D Section:34 Township:19S Range:32E Feet from:490 N/S Line:N Feet from:360 E/W Line:W							
		5. Bottom Hole Location: Unit:D Lot:D Section:34 Township:19S Range:32E Feet from:490 N/S Line:N Feet from:360 E/W Line:W							
		6. Latitude: 32.6227548066969 Longitude: -103.761390205483							
		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: 1/28/2013 Frac Performed by: Halliburton		12. Production Type: O							
13. Pool Code(s): 41460		14. Gross Fractured Interval: 9,889 ft to 13,682 ft							
15. True Vertical Depth (TVD): 8,220 ft		16. Total Volume of Fluid Pumped: 63,904 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)			
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	8.44297%			
SAND - PREMIUM BROWN	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	72.54385%			
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	16.74522%			
			Hexamethylenetetramine	100-97-0	2%	0.3349%			
			Phenol / formaldehyde resin	9003-35-4	5%	0.83726%			
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.01078%			
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	0.13405%			
FDP-S1007-11	Halliburton	Surfactant	Citrus, extract	94266-47-4	10%	0.06519%			
			Isopropanol	67-63-0	30%	0.19557%			
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00971%			
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.25931%			
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01973%			
			Monoethanolamine borate	26038-87-9	100%	0.06577%			
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.21056%			
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00281%			
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.05277%			
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00345%			
			Walnut hulls	Mixture	100%	0.01149%			
Ingredients Listed Below This Line Are Part of the			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%			
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%			
			Amine Salts	Confidential Business Information	0%	0%			
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			Ammonium chloride	12125-02-9	0%	0%			
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%			
			C.I. Pigment Red 5	6410-41-9	0%	0%			
			Crystalline Silica, Quartz	14808-60-7	0%	0%			
			Cured Acrylic Resin	Confidential Business Information	0%	0%			
			Cured Acrylic Resin	Confidential Business Information	0%	0%			
			Enzyme	Confidential Business Information	0%	0%			
			Polyacrylamide Copolymer	Confidential Business Information	0%	0%			
			Quaternary Amine	Confidential Business Information	0%	0%			
			Quaternary Amine	Confidential Business Information	0%	0%			
			Quaternary Amine	Confidential Business Information	0%	0%			
			Silica gel	112926-00-8	0%	0%			
			Sodium Chloride	7647-14-5	0%	0%			
			Sodium sulfate	7757-82-6	0%	0%			
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%			
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%			
			Surfactant Mixture	Confidential Business Information	0%	0%			
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			Tall oil acid diethanolamide	68155-20-4	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: Fatima Vasquez Title: Regulatory Tech						
			Date: 4/24/2013						
			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.