

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: 30-015-40876							
		2. Well Name: GERONIMO 28 STATE SWD #002							
		3. Well Number: 002							
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit: I Lot: I Section: 28 Township: 17S Range: 28E Feet from: 2135 N/S Line: S Feet from: 690 E/W Line: E							
		5. Bottom Hole Location: Unit: I Lot: I Section: 28 Township: 17S Range: 28E Feet from: 2135 N/S Line: S Feet from: 690 E/W Line: E							
		6. Latitude: 32.802894575842 Longitude: 104.175117868427							
		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: 8/15/2013 Frac Performed by: Baker Hughes			12. Production Type: S						
13. Pool Code(s): 96136			14. Gross Fractured Interval: 7,434 ft to 9,150 ft						
15. True Vertical Depth (TVD): 9,150 ft			16. Total Volume of Fluid Pumped: 49,476 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%	61.82415%			
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	5.65052%			
			Water	7732-18-5	85%	32.01963%			
Cl-31	Baker Hughes	Corrosion Inhibitor	Aromatic Aldehyde	Trade Secret	30%	0.02043%			
			Benzyl Chloride	100-44-7	1%	0.00068%			
			Cyclic Alkanes	Trade Secret	5%	0.00341%			
			Formic Acid	64-18-6	60%	0.04086%			
			Isopropanol	67-63-0	10%	0.00681%			
			Methanol	67-56-1	5%	0.00341%			
			Organic Sulfur Compound	Trade Secret	5%	0.00341%			
			Oxyalkylated Fatty Acid	Trade Secret	30%	0.02043%			
			Quaternary Ammonium Compound	Trade Secret	30%	0.02043%			
BioSealers	Baker Hughes	Degradable Sealers	Gelatin	9000-70-8	100%	0.03927%			
			Glutaraldehyde	111-30-8	1%	0.00039%			
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	50%	0.01687%			
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	21.1%	0.00712%			
Ferotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.13758%			
			Ammonium Hydroxide	1336-21-6	5%	0.00688%			
			Cupric Chloride	7447-39-4	5%	0.00688%			
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.01875%			
Ingredients shown above are subject to 29 CFR 1910			2-Mercaptoethyl Alcohol	60-24-2	0%	0.0023836%			
			Alkylene Oxide Block Polymer	Trade Secret	0%	0.0027241%			
			Benzyl Chloride	100-44-7	0%	0.0006249%			
			Diethylene Glycol	111-46-6	0%	6.81E-05%			
			Ethoxylated Nonylphenol	9016-45-9	0%	0.0031247%			
			Fatty Acid Esters	67701-32-0	0%	0.0006412%			
			Fatty Acid Oxyalkylate	70142-34-6	0%	6.75E-05%			
			Glycol Ether	Trade Secret	0%	0.0031247%			
			Methyl salicylate	119-36-8	0%	0%			
			Olefin Sulfonate	Trade Secret	0%	0.0374963%			
			Oxyalkylated Alkylphenol	9016-45-9	0%	0.0006075%			
			Polyester	Trade Secret	0%	0.0093741%			
			Quaternary Amine Compounds	Trade Secret	0%	0.0187482%			
			Quaternary Ammonium Compound	Trade Secret	0%	0.0030646%			
			Water	7732-18-5	0%	0.0696834%			
			Xylene	1330-20-7	0%	0.0002025%			
			diester of sulfosuccinic acid sodium salt	2673-22-5	0%	0.0001687%			
			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: 9/5/2013						
			E-mail Address: fatima.vasquez@apachecorp.com						

NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.