

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: 30-025-41082					
		2. Well Name: PINOT #002					
		3. Well Number: 002					
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:E Lot:E Section:2 Township:20S Range:38E Feet from:1850 N/S Line:N Feet from:990 E/W Line:W					
		5. Bottom Hole Location: Unit:E Lot:E Section:2 Township:20S Range:38E Feet from:1850 N/S Line:N Feet from:990 E/W Line:W					
		6. Latitude: Longitude: 32.6043119239499 - 103.124577391729					
		7. County: Lea					
8. Operator Name and Address: APACHE CORP 303 Veterans Airpark Lane Suite 3000 Midland 79705		9. OGRID: 873	10. Phone Number: 432-818-1168				
11. Last Fracture Date: 9/25/2013 Frac Performed by: Baker Hughes		12. Production Type: O					
13. Pool Code(s): 33230, 33250		14. Gross Fractured Interval: 6,105 ft to 7,080 ft					
15. True Vertical Depth (TVD): 7,057 ft		16. Total Volume of Fluid Pumped: 379,008 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%	90.18226%	
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.4606%	
			Water	7732-18-5	85%	2.61004%	
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.01799%	
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00143%	
GBW-15L	Baker Hughes	Breaker	Enzyme solution	Trade Secret	100%	0.02245%	
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.07905%	
			Water	7732-18-5	30%	0.03162%	
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00074%	
			Methanol	67-56-1	100%	0.00745%	
			Olefin	Trade Secret	5%	0.00037%	
			Polyoxyalkylenes	Trade Secret	30%	0.00223%	
			Propargyl Alcohol	107-19-7	5%	0.00037%	
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.02697%	
			Sodium Hydroxide	1310-73-2	10%	0.00899%	
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.02697%	
			Petroleum Distillates	64742-47-8	30%	0.01317%	
			Guar Gum	9000-30-0	60%	0.21974%	
GW-4LDF	Baker Hughes	Gelling Agent	Petroleum Distillate Blend (1)	64742-47-8	70%	0.25637%	
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.25637%	
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.25637%	
			Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2
			Ammonium Hydroxide	1336-21-6	5%	0.00047%	
			Cupric Chloride	7447-39-4	5%	0.00047%	
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.0008%	
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.00298%	
			Propylene Glycol	57-55-6	30%	0.00179%	
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	4.56777%	
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.7631%	
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.02705%	
			Mixture of Surfactants	Trade Secret	50%	0.04509%	
			Water	7732-18-5	30%	0.02705%	
Ingredients shown above are subject to 29 CFR 1910			Benzyl Chloride	100-44-7	0%	2.67E-05%	
			Ethoxylated Alcohol	Trade Secret	0%	0.0008777%	
			Ethoxylated Nonylphenol	9016-45-9	0%	0.0001336%	
			Formaldehyde	50-00-0	0%	7.45E-05%	
			Glutaraldehyde	111-30-8	0%	0.007198%	
			Glycol Ether	Trade Secret	0%	0.0001336%	
			Hydrochloric Acid	7647-01-0	0%	7.45E-05%	
			Methanol	67-56-1	0%	6E-05%	
			Modified Thiorea Polymer	68527-49-1	0%	0.0005214%	
			Olefin Sulfonate	Trade Secret	0%	0.0016029%	
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.0131653%	
			Polyester	Trade Secret	0%	0.0004007%	
			Quaternary Amine Compounds	Trade Secret	0%	0.0008014%	
			Salt	Trade Secret	0%	0.0021942%	
			Sorbitan Monooleate	Trade Secret	0%	0.0021942%	
			Water	7732-18-5	0%	0.0429972%	
			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 Tech				
			Date: 12/15/2013				
			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.