

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: 30-025-41782					
		2. Well Name: MCDONALD STATE AC 2 #039					
		3. Well Number: 039					
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:J Lot:J Section:13 Township:22S Range:36E Feet from:2230 N/S Line:S Feet from:1710 E/W Line:E					
		5. Bottom Hole Location: Unit:J Lot:J Section:13 Township:22S Range:36E Feet from:2230 N/S Line:S Feet from:1710 E/W Line:E					
		6. Iatitude: longitude: 32.3907163944561 -103.215916169418					
		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: 3/16/2015 Frac Performed by: Cudd		12. Production Type: O					
13. Pool Code(s): 19190, 60240		14. Gross Fractured Interval: 6,313 ft to 6,733 ft					
15. True Vertical Depth (TVD): 7,600 ft		16. Total Volume of Fluid Pumped: 106,377 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		Carrier / Base Fluid		7732-18-5	100%	81.17126%	
Super DC/LC TLC/THS Opti RCS	Sandtrol	Proppant	Silicon Dioxide	14808-60-7	97%	12.66365%	
			P/F Novolak Resin	9003-35-4	5%	0.65277%	
			Hexamethylenetetramine	1009-7-0	1%	0.13055%	
B-15	Brenntag	Biocide	Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	20%	0.00233%	
			Water	7732-18-5	80%	0.00932%	
CS-14	Multiple Suppliers	Clay Control	Non-hazardous salts (Choline)	Proprietary	66%	0.02012%	
			Water	7732-18-5	45%	0.01372%	
15% Hydrochloric Acid	Reagent	Scale Dissolver	37% Hydrochloric Acid	7647-01-0	15%	0.73819%	
			Water	7732-18-5	85%	4.18307%	
I-112	Chemplex, L.C.	Acid Corrosion Inhibitor	Methanol	67-56-1	49.6%	0.0019%	
			Propargyl Alcohol	107-19-7	4%	0.00015%	
SG-15G	P/P Technology	Polymer	Guar Gum	9000-30-0	50%	0.30895%	
			Petroleum Distillate (Mineral Oil)	64742-47-8	55%	0.33984%	
			Bentonite Clay	14808-60-7	2%	0.01236%	
			Surfactant	68439-51-0	2%	0.01236%	
XL-335	P/P Technology	Crosslinker	Ethylene Glycol	107-21-1	25%	0.02055%	
			Potassium Hydroxide	1310-58-3	25%	0.02055%	
			Proprietary	Proprietary	25%	0.02055%	
			Proprietary	Proprietary	15%	0.01233%	
			Proprietary	Proprietary	10%	0.00822%	
GB-150	Chemplex, L.C.	Breaker	Non-hazardous ingredients	NA	100%	0.04281%	
NE-227	Multiple Suppliers	Non-emulsifier	Isopropanol	67-63-0	15%	0.00723%	
			Methanol	67-56-1	15%	0.00723%	
			Ethoxylated Nonylphenol	9016-45-9	20%	0.00964%	
FE-360	Chemplex, L.C.	Iron Control Additive	Cupric Chloride Dihydrate	10125-13-0	7%	0.00106%	
			Thioglycol	60-24-2	80%	0.01209%	
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: Reesa R. Holland		Sr Staff Regulatory Title: Analyst					
Date: 4/2/2015							
E-mail Address: reesa.fisher@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.