

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: 30-025-06385				
		2. Well Name: NORTHEAST DRINKARD UNIT #208				
		3. Well Number: 208				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:J Lot:10 Section:3 Township:21S Range:37E Feet from:4620 5,663 ft to 6,607 ft N/S Line:S Feet from:1979 E/W Line:E				
		5. Bottom Hole Location: Unit:J Lot:10 Section:3 Township:21S Range:37E Feet from:4620 N/S Line:S Feet from:1979 E/W Line:E				
		6. latitude: longitude: 32.5133438 -103.1488037				
		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: 9/29/2016 Frac Performed by: Cudd Services		12. Production Type: O				
13. Pool Code(s): 22900		14. Gross Fractured Interval: 5,663 ft to 6,607 ft				
15. True Vertical Depth (TVD): 6,707 ft		16. Total Volume of Fluid Pumped: 77,722 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%	79.94899%
Sand		Proppant	Silicon Dioxide	14808-60-7	100%	9.37516%
Super DC/LC TLC/THS Opti RCS	Sandtrol	Proppant	Silicon Dioxide	14808-60-7	97%	4.19%
			P/F Novolak Resin	9003-35-4	5%	0.21598%
			Hexamethylenetetramine	1009-7-0	1%	0.0432%
B-15	Brenntag	Biocide	Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	20%	0.00202%
			Water	7732-18-5	80%	0.00807%
FR-601	SNF	Friction Reducer	Copolymer of acrylamide and sodium acrylate	25987-30-8	10%	0.0121%
			Isoparaffinic Solvent	64742-47-8	10%	0.0121%
			Water	7732-18-5	60%	0.07258%
			Nonylphenol	9016-45-9	10%	0.0121%
			Sorbitan Monooleate	1338-43-8	10%	0.0121%
15% Hydrochloric Acid	Reagent	Scale Dissolver	37% Hydrochloric Acid	7647-01-0	15%	0.82927%
			Water	7732-18-5	85%	4.6992%
I-122	Chemplex,L.C.	Acid Corrosion Inhibitor	Methanol	67-56-1	70%	0.00177%
			Propargyl alcohol	107-19-7	8%	0.00035%
			Alcohol Ethoxylate Surfactants	Trade Secret	30%	0.00133%
			n-olefins	Trade Secret	10%	0.00044%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.00133%
SG-15G	Multiple Suppliers	Polymer	Guar Gum	9000-30-0	50%	0.22639%
			Petroleum Distillate (Mineral Oil)	64742-47-8	55%	0.24902%
			Bentonite Clay	14909-60-7	2%	0.00906%
			Surfactant	68439-51-0	2%	0.00906%
XL-335	PIF Technology	Crosslinker	Sodium Metaborate	7775-19-1	40%	0.04433%
			Glycerol	56-81-5	45%	0.04987%
GB-2	Multiple Suppliers	Breaker	Ammonium Persulfate	7727-54-0	99.9%	0.00272%
FE-360	Chemplex, L.C.	Iron Control Additive	Cupric Chloride Dihydrate	10125-13-0	7%	0.00119%
			Thioglycol	60-24-2	80%	0.01358%
GB-150	Chemplex	Breaker	Mannanase Enzymes	Trade Secret	2%	0.00113%
			Sodium Chloride	7647-14-5	15%	0.00849%
			Water	7732-18-5	90%	0.05092%
MCS-376	Ace Completions	Surfactant	Diethanolamine	111-42-2	1%	0.0001%
			Solvent Naptha (Petroleum), Heavy	64742-94-5	1%	0.0001%
			Alcohol	68609-68-7	5%	0.00051%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.00051%
			Poly(oxy-1,2-ethanediyl), alpha hexyl-omega-hydroxy-	31726-34-8	5%	0.00051%
			Coconut diethanolamide	68603-42-9	8%	0.00082%
			Proprietary	NA	15%	0.00154%
			Ethylene Oxide/propylene oxide co-polymer	9003-11-6	10%	0.00103%
			Water	7732-18-5	75%	0.00771%
NE-227	Ace Completions	Non-emulsifier	Proprietary	NA	15%	0.00633%
			Poly(oxy-1,2-ethanediyl), alpha hexyl-omega-hydroxy-	31726-34-8	5%	0.00211%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.00211%
			Alcohol	68609-68-7	5%	0.00211%
			Solvent Naptha (Petroleum), Heavy Aromatic	64742-94-5	1%	0.00042%
			Water	7732-18-5	90%	0.03796%
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		
Date: 10/12/2016				Title: Analyst		
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.