

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: 30-025-41600				
		2. Well Name: NORTHEAST DRINKARD UNIT #544				
		3. Well Number: 544				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:E Lot:E Section:15 Township:21S Range:37E Feet from:1355 N/S Line:N E/W Line:W Feet from:1190				
		5. Bottom Hole Location: Unit:E Lot:E Section:15 Township:21S Range:37E Feet from:1355 N/S Line:N E/W Line:W Feet from:1190				
		6. Latitude: 32.4824004982904 Longitude: 103.155543232513				
		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: 3/14/2014 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 22900		14. Gross Fractured Interval: 5,568 ft to 6,684 ft				
15. True Vertical Depth (TVD): 6,653 ft		16. Total Volume of Fluid Pumped: 258,552 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%	75.10154%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.86781%
			Water	7732-18-5	85%	4.9176%
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.19522%
			Methanol	67-56-1	50%	0.13944%
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	0.00017%
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	0.00033%
			Crystalline Silica: Cristobalite	14464-46-1	1%	3E-05%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	3E-05%
			Diatomaceous Earth, Calcined	91053-39-3	60%	0.00201%
			Magnesium Chloride	7786-30-3	5%	0.00017%
			Magnesium Nitrate	10377-60-3	10%	0.00033%
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.02544%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00192%
GBW-15L	Baker Hughes	Breaker	Enzyme solution	Trade Secret	100%	0.03385%
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.08552%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.04397%
			Water	7732-18-5	30%	0.01759%
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00088%
			Methanol	67-56-1	100%	0.00884%
			Olefin	Trade Secret	5%	0.00044%
			Polyoxyalkylenes	Trade Secret	30%	0.00265%
			Propargyl Alcohol	107-19-7	5%	0.00044%
CorrSorb 3600	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	9046-01-9	10%	0.00157%
			Crystalline silica: Quartz (SiO2)	14808-60-7	1%	0.00016%
			Ethylene Glycol	107-21-1	1%	0.00016%
			Quaternary Ammonium Chloride	61789-71-7	30%	0.0047%
XLW-4	Baker Hughes	Crosslinker	Sodium Tetraborate	1303-96-4	30%	0.02786%
FLC-42	Baker Hughes	Fluid Loss Additives - Stlm	Non-Hazardous Ingredient	Trade Secret	100%	0.07142%
FRW-18	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.01182%
GW-3LDF	Baker Hughes	Gelling Agent	1-butoxy-2-propanol	5131-66-8	5%	0.03101%
			Crystalline Silica: Quartz	14808-60-7	5%	0.03101%
			Guar Gum	9000-30-0	60%	0.37207%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.03101%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.18604%
			Petroleum Distillates	64742-47-8	30%	0.18604%
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	50%	0.00078%
			Distillates, Petroleum, Hydroreated Middle	64742-47-8	21.1%	0.00033%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.01919%
			Ammonium Hydroxide	1336-21-6	5%	0.00096%
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Cupric Chloride	7447-39-4	5%	0.00096%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.00347%
			Mixture of Surfactants	Trade Secret	50%	0.03632%
			Propylene Glycol	57-55-6	30%	0.02179%
SiberProp, 16/30	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	13.42993%
SB Excel 20/40	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	3.84678%
Scaletrol 720	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00377%
			Ethylene Glycol	107-21-1	30%	0.02261%
Ingredients shown above are subject to 29 CFR 1910			2-butoxy-1-propanol	15821-83-7	0%	0.0006201%
			Benzyl Chloride	100-44-7	0%	0.0001156%
			Ethoxylated Alcohol	Trade Secret	0%	0.0007882%
			Ethoxylated Nonylphenol	9016-45-9	0%	0.0005781%
			Fatty Acid Esters	67701-32-0	0%	2.98E-05%
			Fatty Acid Oxyalkylate	70142-34-6	0%	3.1E-06%
			Formaldehyde	50-00-0	0%	8.84E-05%
			Glutaraldehyde	111-30-8	0%	0.0101743%
			Glycol Ether	Trade Secret	0%	0.0005781%
			Hydrochloric Acid	7647-01-0	0%	8.84E-05%
			Methanol	67-56-1	0%	8.48E-05%
			Modified Thiorea Polymer	68527-49-1	0%	0.0006188%
			Olefin Sulfonate	Trade Secret	0%	0.0069374%
			Oxyalkylated Alkylphenol	9016-45-9	0%	2.82E-05%
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.0118227%
			Polyacrylate	Trade Secret	0%	0.0150707%
			Polyester	Trade Secret	0%	0.0017343%
			Potassium Chloride	7447-40-7	0%	3.77E-05%
			Potassium Hydroxide	1310-58-3	0%	0.0014254%
			Quaternary Amine Compounds	Trade Secret	0%	0.0034687%
			Salt	Trade Secret	0%	0.0019705%
			Sodium Chloride	7647-14-5	0%	2.26E-05%
			Sorbitan Monooleate	Trade Secret	0%	0.0019705%
			Water	7732-18-5	0%	0.1537641%
			Xylene	1330-20-7	0%	9.4E-06%
			diester of sulfosuccinic acid sodium salt	2673-22-5	0%	7.8E-06%
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		Title: Sr Staff Reg Tech		
Date: 4/10/2014						
E-mail Address: reesa.fisher@apachecorp.com						

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