

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: 30-025-41279
2. Well Name: NORTHEAST DRINKARD UNIT #848
3. Well Number: 848
4. Surface Hole Location: Unit: E Lot: E Section: 23 Township: 21S Range: 37E Feet from: 2450 N/S Line: N Feet from: 615 E/W Line: W
5. Bottom Hole Location: Unit: E Lot: E Section: 23 Township: 21S Range: 37E Feet from: 2450 N/S Line: N Feet from: 615 E/W Line: W
6. Latitude: 32.4648865096389 Longitude: 103.140307723316
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: 2/14/2014 Frac Performed by: Baker Hughes	12. Production Type: O	
13. Pool Code(s): 22900	14. Gross Fractured Interval: 5,524 ft to 6,562 ft	
15. True Vertical Depth (TVD): 6,562 ft	16. Total Volume of Fluid Pumped: 266,406 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%	73.99427%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.84807%
Superset-U, tote	Baker Hughes	Activator	Denatured Ethanol	64-17-5	85%	4.80573%
			Di (Ethylene Glycol) Ethyl Ether Acetate	112-15-2	55%	0.11648%
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	1E-05%
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	2E-05%
			Crystalline Silica:	14464-46-1	1%	0%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0%
			Diatomaceous Earth, Calcined	91053-39-3	60%	0.00012%
			Magnesium Chloride	7786-30-3	5%	1E-05%
			Magnesium Nitrate	10377-60-3	10%	2E-05%
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.01614%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00167%
Enzyme G-II	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in the non-MSDS section of the report	N.A.	0%	0%
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.05852%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.06318%
			Water	7732-18-5	30%	0.02527%
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00072%
			Methanol	67-56-1	100%	0.00725%
			Olefin	Trade Secret	5%	0.00036%
			Polyoxyalkylenes	Trade Secret	30%	0.00217%
			Propargyl Alcohol	107-19-7	5%	0.00036%
CorrSorb 3600	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	9046-01-9	10%	0.0015%
			Crystalline silica: Quartz (SiO2)	14808-60-7	1%	0.00015%
			Ethylene Glycol	107-21-1	1%	0.00015%
			Quaternary Ammonium Chloride	61789-71-7	30%	0.0045%
XLW-24	Baker Hughes	Crosslinker	Glyoxal	107-22-2	10%	0.0123%
			Sodium Tetraborate	1303-96-4	30%	0.03691%
GW-3LDF	Baker Hughes	Gelling Agent	1-butyl-2-propanol	5131-66-8	5%	0.02887%
			Crystalline Silica: Quartz	14808-60-7	5%	0.02887%
			Guar Gum	9000-30-0	60%	0.34641%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.02887%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.1732%
			Petroleum Distillates	64742-47-8	30%	0.1732%
			2-Mercaptoethanol	60-24-2	100%	0.01376%
Ferrotrol 280L	Baker Hughes	Iron Control	Ammonium Hydroxide	1336-21-6	5%	0.00069%
			Cupric Chloride	7447-39-4	5%	0.00069%
			Isopropanol	67-63-0	30%	0.00111%
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.03556%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Propylene Glycol	57-55-6	30%	0.02134%
Super LC, 16/30	Baker Hughes	Proppant	Hexamethylenetetramine	100-97-0	0.01%	0.00184%
			P/F Resin	9003-35-4	5%	0.92101%
			Silicon Dioxide (Silica Sand)	14808-60-7	97%	17.86767%
Scaletrol 720	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00431%
			Ethylene Glycol	107-21-1	30%	0.02588%
Ingredients shown above are subject to 29 CFR 1910			2-butyl-1-propanol	15821-83-7	0%	0.0005773%
			Benzyl Chloride	100-44-7	0%	3.69E-05%
			Ethoxylated Nonylphenol	9016-45-9	0%	0.0001843%
			Formaldehyde	50-00-0	0%	7.25E-05%
			Glutaraldehyde	111-30-8	0%	0.0064564%
			Glycol Ether	Trade Secret	0%	0.0001843%
			Hemicellulase Enzyme Concentrate	9025-56-3	0%	0.0001044%
			Hydrochloric Acid	7647-01-0	0%	7.25E-05%
			Methanol	67-56-1	0%	5.38E-05%
			Modified Thiorea Polymer	68527-49-1	0%	0.0005072%
			Olefin Sulfonate	Trade Secret	0%	0.0022112%
			Polyacrylate	Trade Secret	0%	0.0172533%
			Polyester	Trade Secret	0%	0.0005528%
			Potassium Chloride	7447-40-7	0%	4.31E-05%
			Potassium Hydroxide	1310-58-3	0%	0.0009753%
			Quaternary Amine Compounds	Trade Secret	0%	0.0011056%
			Sodium Chloride	7647-14-5	0%	2.59E-05%
			Water	7732-18-5	0%	0.1580671%

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: 3/6/2014
 E-mail Address: reesa.fisher@apachecorp.com

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