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.
30-025-06482

2. Well Name:
EAST BLINEBRY DRINKARD UNIT #014

3. Well Number:
014

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:B Lot:B Section:11 Township:21S Range:37E
Feet from:330 N/S Line:N
Feet from:1650 E/W Line:E

5. Bottom Hole Location:
Unit:B Lot:B Section:11 Township:21S Range:37E
Feet from:330 N/S Line:N
Feet from:1650 E/W Line:E

6. latitude: 32.4997460456069 longitude: -103.130621760917

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: 4/9/2014 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
22900

14. Gross Fractured Interval:
5,785 ft to 5,916 ft

15. True Vertical Depth (TVD):
5,920 ft

16. Total Volume of Fluid Pumped:
32,256 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%	75.33031%
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.22401%
			Methanol	67-56-1	50%	0.16001%
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%	0.00034%
			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%	0.00202%
			Magnesium Chloride	7786-30-3	5%	0.00017%
			Magnesium Nitrate	10377-60-3	10%	0.00034%
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.01859%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.0028%
GBW-15L	Baker Hughes	Breaker	Enzyme solution	Trade Secret	100%	0.10369%
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.09882%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.08217%
			Water	7732-18-5	30%	0.03287%
CorrSorb 3600, 25 lb pail	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	Trade Secret	10%	0.0042%
			Crystalline Silica: Quartz	14808-60-7	1%	0.00042%
			Diatomaceous Earth	91053-39-3	100%	0.04201%
			Ethylene Glycol	107-21-1	1%	0.00042%
			Quaternary Ammonium Compound	Trade Secret	30%	0.0126%
XLW-24, tote	Baker Hughes	Crosslinker	Glyoxal	107-22-2	10%	0.01255%
			Sodium Tetraborate	1303-96-4	30%	0.03765%
FRW-18	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.02748%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.44229%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.516%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.516%
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.516%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.04322%
			Propylene Glycol	57-55-6	30%	0.02593%
SB Excel 20/40	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	21.42739%
Scaletrol 720	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00598%
			Ethylene Glycol	107-21-1	30%	0.03585%
Ingredients shown above are subject to 29 CFR 1910			Ethoxylated Alcohol	Trade Secret	0%	0.0018318%
			Glutaraldehyde	111-30-8	0%	0.0074366%
			Methanol	67-56-1	0%	6.2E-05%
			Phosphoric Acid	7664-38-2	0%	0.0004201%
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.027477%
			Polyacrylate	Trade Secret	0%	0.0239004%
			Polyoxyalkylenes	78330-21-9	0%	0.0004201%
			Potassium Chloride	7447-40-7	0%	5.98E-05%
			Potassium Hydroxide	1310-58-3	0%	0.001647%
			Salt	Trade Secret	0%	0.0045795%
			Sodium Chloride	7647-14-5	0%	3.59E-05%
			Sorbitan Monooleate	Trade Secret	0%	0.0045795%
			Thioglycolic Acid	68-11-1	0%	0.0004201%
			Water	7732-18-5	0%	0.2047841%

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: 4/30/2014

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.