

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:
30-025-41104

2. Well Name:
BAE 14 FEDERAL COM #007H

3. Well Number:
007H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:P Lot:P Section:14 Township:17S Range:32E
Feet from:940 N/S Line:S
Feet from:200 E/W Line:E

5. Bottom Hole Location:
Unit:P Lot:P Section:14 Township:17S Range:32E
Feet from:940 N/S Line:S
Feet from:200 E/W Line:E

6. latitude: longitude:
32.8298581449671 -
103.729195054704

7. County:
Lea

9. Operator Name and Address:
DEVON ENERGY PRODUCTION COMPANY, LP
333 W. Sheridan Avenue
Oklahoma City 73102

9. OGRID: 6137 10. Phone Number: 405-228-8588

11. Last Fracture Date: 3/22/2014 Frac Performed by: BHI

12. Production Type:
O

13. Pool Code(s):
44500

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
5,878 ft

16. Total Volume of Fluid Pumped:
3,541,902 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		90.9287%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0		0.29022%
			Water	7732-18-5		1.64459%
Superset-W, 55 gal drum	Baker Hughes	Activator	Methanol	67-56-1		0.01647%
			Poly (Oxyethylene) Nonylphenol Ether	9016-45-9		0.01647%
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5		0.0176%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0		0.00046%
Enzyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in in the non-MSDS section of the report	NA		0.04167%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0		0.01008%
GBW-33D	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	Trade Secret		0.00077%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1		0.07682%
			Water	7732-18-5		0.03073%
Clay Master-5C	Baker Hughes	Clay Control	Oxyakylated Amine Quat	Trade Secret		0.00062%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret		0.00082%
			Methanol	67-56-1		0.00164%
			Olefin	Trade Secret		0.00014%
			Polyoxyalkylenes	Trade Secret		0.00082%
			Propargyl Alcohol	107-19-7		0.00027%
			Thiourea Polymer	68527-49-1		0.00082%
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1		0.04746%
			Sodium Hydroxide	1310-73-2		0.01582%
			Sodium Tetraborate Decahydrate	1303-96-4		0.04746%
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Oxyalkylated Alcohol	Trade Secret		0.00036%
			Petroleum Distillates	64742-47-8		0.00219%
			Polyacrylate	Trade Secret		0.00437%
			Sodium Chloride	7647-14-5		0.00022%
GW-4	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0		0.1935%
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4		0.00062%
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8		0.00026%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2		0.00514%
			Ammonium Hydroxide	1336-21-6		0.00026%
			Cupric Chloride	7447-39-4		0.00026%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret		0.04661%
			Propylene Glycol	57-55-6		0.02796%
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7		4.60462%
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7		0.21014%
Super LC, 40/70	Baker Hughes	Proppant	Hexamethylenetetramine	100-97-0		0.00014%
			Phenol-formaldehyde Resin	9003-35-4		0.07221%
			Silicon Dioxide (Silica Sand)	14808-60-7		1.4008%
Flo-Back Prime (tote)	Baker Hughes	Surfactant	Essential Oils	Trade Secret		0.03181%
			Isopropanol	67-63-0		0.0159%
Ingredients shown above are subject to 29 CFR 1910			85% Phosphoric Acid, FG	10361-65-6		1E-07%
			Boric Acid	10043-35-3		1E-07%
			Calcium Carbonate	471-34-1		5.39E-05%
			Calcium Chloride	10043-52-4		2E-07%
			Citrus Terpenes	94266-47-4		0.031809%
			Corn Meal	N.A.		0.0006389%
			Cupric Sulfate 5 H2O, ACS	7758-99-8		1E-07%
			Cured Resin	Trade Secret		0.0024201%
			D-Biotin_USP	119616-38-5		1E-07%
			Fatty Acid Esters	67701-32-0		2.37E-05%
			Fatty Acid Oxyalkylate	70142-34-6		2.5E-06%
			Ferric Chloride, Hexahydrate	7705-08-0		1E-07%
			Formaldehyde	50-00-0		1.4E-06%
			Glutaraldehyde	111-30-8		0.0070385%
			Hemicellulase Enzyme Concentrate	9025-56-3		0.00125%
			Linseed Meal	8001-26-1		7.7E-05%
			Magnesium Sulfate	7487-88-9		1E-07%
			Mannan Endo-1,4-B-Mannosidase	37288-54-3		8E-07%
			Methanol	67-56-1		5.87E-05%
			Oleate Ester	1338-43-8		0.0002186%
			Organic Polyol	112-27-6		0.0053015%
			Oxyalkylated Alkylphenol	9016-45-9		2.25E-05%
			Polyethylene Glycol	25322-68-3		1E-07%
			Polysorbate	9005-65-6		0.0002186%
			Potassium Sulfate	7778-80-5		1E-07%
			Sodium Chloride	7647-14-5		0.0080127%
			Sodium Molybdate	7631-95-0		1E-07%
			Soy Isoflavone	486-66-8		1E-07%
			Surfactants	Trade Secret		0.0371105%
			Thiamine-HCl	67-03-8		1E-07%
			Water	7732-18-5		0.0978938%
			Xylene	1330-20-7		7.5E-06%
			Yeast Extract	8013-01-2		1E-07%
			Zinc Sulfate	7446-19-7		1E-07%
			diester of sulfosuccinic acid sodium salt	2673-22-5		6.2E-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: Derek Berg

Date: 4/22/2014 Title: Engineering Technician

E-mail Address: derek.berg@dm.com

NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.