

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 February 15, 2012

1. WELL API NO.
30-025-32613

2. Well Name:
MESA VERDE 6 FEDERAL #007

3. Well Number:
007

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:B Lot:2 Section:6 Township:24S Range:32E
Feet from:660 N/S Line:N
Feet from:2540 E/W Line:E

5. Bottom Hole Location:
Unit:B Lot:2 Section:6 Township:24S Range:32E
Feet from:660 N/S Line:N
Feet from:2540 E/W Line:E

6. Latitude: 32.2518617461486 Longitude: - 103.713438122623

7. County: Lea

8. 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: 4/19/2012 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
96229

14. Gross Fractured Interval:
8,264 ft to 8,400 ft

15. True Vertical Depth (TVD):
8,400 ft

16. Total Volume of Fluid Pumped:
1,269 bbls

17. 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%	78.96665%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.25768%
			Water	7732-18-5	92.5%	3.17808%
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	0.00016%
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	0.00032%
			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%	0.00192%
			Magnesium Chloride	7786-30-3	5%	0.00016%
			Magnesium Nitrate	10377-60-3	10%	0.00032%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00227%
			Water	7732-18-5	97%	0.0733%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	60%	0.01066%
			Crystalline Silica Quartz	14808-60-7	30%	0.00533%
GBW-33D	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	Trade Secret	100%	0.00533%
BF-9L, 55 gal drum	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.06795%
			Potassium Hydroxide	1310-58-3	30%	0.03398%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.06425%
			Water	7732-18-5	30%	0.0257%
Clay Master-5C	Baker Hughes	Clay Control	Oxyalkylated Amine Quat	138879-94-4	60%	0.00105%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00158%
			Methanol	67-56-1	60%	0.00317%
			Olefin	Trade Secret	5%	0.00026%
			Polyoxyalkylenes	Trade Secret	30%	0.00158%
			Propargyl Alcohol	107-19-7	10%	0.00053%
XLW-24	Baker Hughes	Crosslinker	Glyoxal	107-22-2	10%	0.01184%
			Sodium Tetraborate	1303-96-4	30%	0.03553%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	40%	0.25759%
			Petroleum Distillates Blend	Trade Secret	70%	0.45079%
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	60%	0.00192%
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	30%	0.00096%
			Nonylphenol Ethoxylate	64742-46-7	5%	0.00016%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00979%
			Ammonium Hydroxide	1336-21-6	5%	0.00049%
			Cupric Chloride	7447-39-4	5%	0.00049%
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	0.00408%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.41663%
Super LC, 20/40	Baker Hughes	Proppant	Hexamethylenetetramine	1009-7-0	0.01%	0.00054%
			P/F Resin	9003-35-4	5%	0.26886%
			Silicon Dioxide (Silica Sand)	14808-60-7	97%	5.21581%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.0652%
Flo-Back Prime (tote)	Baker Hughes	Surfactant	Essential Oils	Trade Secret	60%	0.04426%
			Isopropanol	67-63-0	30%	0.02213%
Ingredients shown above are subject to 29 CFR 1910			85% Phosphoric Acid, FG	10361-65-6	0%	5E-07%
			Alcohols, C12-14, Ethoxylated Propoxylated	68439-51-0	0%	0.0321994%
			Alkoxyated Amine	Trade Secret	0%	0.0081607%
			Alkylene Oxide Block Polymer	Trade Secret	0%	0.0093032%
			Antifoam	Trade Secret	0%	1.63E-05%
			Boric Acid	10043-35-3	0%	5E-07%
			Calcium Carbonate	471-34-1	0%	0.0003732%
			Calcium Chloride	10043-52-4	0%	1.1E-06%
			Citrus Terpenes	94266-47-4	0%	0.0442576%
			Corn Meal	N.A.	0%	0.0044247%
			Crystalline Silica, Quartz	14808-60-7	0%	0.0321994%
			Cupric Sulfate 5 H2O, ACS	7758-99-8	0%	5E-07%
			Cured Acrylic Resin	Trade Secret	0%	0.0053309%
			D-Biotin ,USP	119616-38-5	0%	5E-07%
			Ferric Chloride, Hexahydrate	7705-08-0	0%	5E-07%
			Formaldehyde	50-00-0	0%	2.64E-05%
			Isotridecanol, Ethoxylated (TDA-6)	9043-30-5	0%	0.0321994%
			Isotridecanol, Ethoxylated (TDA-9)	9043-30-5	0%	0.0321994%
			Linseed Meal	8001-26-1	0%	0.0005331%
			Magnesium Sulfate	7487-88-9	0%	5E-07%
			Mannan Endo-1,4-B-Mannosidase	37288-54-3	0%	5.9E-06%
			Modified Thiourea Polymer	68527-49-1	0%	0.0005808%
			Organic Polyol	112-27-6	0%	0.0073763%
			Organic Sulfonic Acid	27176-87-0	0%	0.0001632%
			Polyethylene Glycol	25322-68-3	0%	5E-07%
			Polyglycol	25322-68-3	0%	0.0015505%
			Polyquaternary Amine	Trade Secret	0%	0.0009793%
			Potassium Sulfate	7778-80-5	0%	5E-07%
			Quaternary Ammonium Compounds bis [Hydrogenated Tallow Alkyl] Dimethyl Salts With Bentonite	68953-58-2	0%	0.0321994%
			Sodium Chloride	7647-14-5	0%	0.0112507%
			Sodium Molybdate	7631-95-0	0%	5E-07%
			Soy Isoflavone	486-66-8	0%	5E-07%
			Surfactants	Trade Secret	0%	0.0516339%
			Thiamine-HCl	67-03-8	0%	5E-07%
			Water	7732-18-5	0%	0.183652%
			Yeast Extract	8013-01-2	0%	5E-07%
			Zinc Sulfate Heptahydrate	7446-19-7	0%	5E-07%

18. 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
Date: 11/6/2012
E-mail Address: derek.berg@dm.com

Printed Name: Derek Berg

Title: Engineering Technician

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