

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.
30-015-35517

2. Well Name:
TODD 27 E FEDERAL #005

3. Well Number:
005

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:E Lot:E Section:27 Township:23S Range:31E
Feet from:1850 N/S Line:N
Feet from:500 E/W Line:W

5. Bottom Hole Location:
Unit:E Lot:E Section:27 Township:23S Range:31E
Feet from:1850 N/S Line:N
Feet from:500 E/W Line:W

6. latitude: longitude:
32.2775735794302 -
103.772587754774

7. County:
Eddy

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: 7/12/2012 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
33745

14. Gross Fractured Interval:
7,142 ft to 7,181 ft

15. True Vertical Depth (TVD):
7,197 ft

16. Total Volume of Fluid Pumped:
2,151 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%	79.92691%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.38468%
			Water	7732-18-5	92.5%	4.74434%
Superset-W, 55 gal drum	Baker Hughes	Activator	Methanol	67-56-1	50%	0.02738%
			Poly (Oxyethylene) Nonylphenol Ether	9016-45-9	50%	0.02738%
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%	0.00191%
			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%	0.00186%
			Water	7732-18-5	97%	0.06007%
GBW-33D	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	Trade Secret	100%	0.00531%
BF-9L, 55 gal drum	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.07803%
			Potassium Hydroxide	1310-58-3	30%	0.03902%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.03909%
			Water	7732-18-5	30%	0.01564%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00236%
			Methanol	67-56-1	60%	0.00473%
			Olefin	Trade Secret	5%	0.00039%
			Polyoxyalkylenes	Trade Secret	30%	0.00236%
			Propargyl Alcohol	107-19-7	10%	0.00079%
XLW-24	Baker Hughes	Crosslinker	Glyoxal	107-22-2	10%	0.01032%
			Sodium Tetraborate	1303-96-4	30%	0.03096%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.4862%
			Paraffinic Petroleum Distillate	64742-55-8	60%	0.4862%
			Petroleum Distillate	64742-47-8	60%	0.4862%
FerroFree	Baker Hughes	Iron Control	Carboxylate Salt	Trade Secret	30%	0.0181%
			Inorganic Salt	Trade Secret	5%	0.00302%
			Organic Phosphonate	Trade Secret	30%	0.0181%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.01559%
			Ammonium Hydroxide	1336-21-6	5%	0.00078%
			Cupric Chloride	7447-39-4	5%	0.00078%
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	0.00045%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.07124%
			Propylene Glycol	57-55-6	30%	0.04274%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	8.35289%
Super LC, 20/40	Baker Hughes	Proppant	Hexamethylenetetramine	1009-7-0	0.01%	0.00042%
			P/F Resin	9003-35-4	5%	0.20755%
			Silicon Dioxide (Silica Sand)	14808-60-7	97%	4.02645%
Techni-Hib 756	Baker Hughes	Salt Inhibitor	Hydrochloric Acid	7647-01-0	5%	0.01088%
			Phosphoric Acid	7664-38-2	2%	0.00435%
Paravan 27, drum	Baker Hughes	Solvent	Citrus Terpenes	94266-47-4	70%	0.0285%
Flo-Back Prime (tote)	Baker Hughes	Surfactant	Essential Oils	Trade Secret	60%	0.0435%
			Isopropanol	67-63-0	30%	0.02175%
Ingredients shown above are subject to 29 CFR 1910			85% Phosphoric Acid, FG	10361-65-6	0%	5E-07%
			Alkoxylated Amine	Trade Secret	0%	0.0009024%
			Alkylene Oxide Block Polymer	Trade Secret	0%	0.0010287%
			Antifoam	Trade Secret	0%	1.8E-06%
			Boric Acid	10043-35-3	0%	5E-07%
			Calcium Carbonate	471-34-1	0%	0.0003714%
			Calcium Chloride	10043-52-4	0%	1.1E-06%
			Citrus Terpenes	94266-47-4	0%	0.0434955%
			Corn Meal	N.A.	0%	0.0044035%
			Cupric Sulfate 5 H2O, ACS	7758-99-8	0%	5E-07%
			D-Biotin ,USP	119616-38-5	0%	5E-07%
			Ferric Chloride, Hexahydrate	7705-08-0	0%	5E-07%
			Formaldehyde	50-00-0	0%	3.94E-05%
			Linseed Meal	8001-26-1	0%	0.0005305%
			Magnesium Sulfate	7487-88-9	0%	5E-07%
			Mannan Endo-1,4-B-Mannosidase	37288-54-3	0%	5.8E-06%
			Modified Thiourea Polymer	68527-49-1	0%	0.0008671%
			Organic Polyol	112-27-6	0%	0.0072493%
			Organic Sulfonic Acid	27176-87-0	0%	1.8E-05%
			Polyethylene Glycol	25322-68-3	0%	5E-07%
			Polyglycol	25322-68-3	0%	0.0001715%
			Polyquaternary Amine	Trade Secret	0%	0.0001083%
			Potassium Sulfate	7778-80-5	0%	5E-07%
			Sodium Chloride	7647-14-5	0%	0.0110725%
			Sodium Molybdate	7631-95-0	0%	5E-07%
			Soy Isoflavone	486-66-8	0%	5E-07%
			Sulfuric Acid Salt	10039-54-0	0%	0.0006034%
			Surfactants	Trade Secret	0%	0.0507448%
			Thiamine-HCl	67-03-8	0%	5E-07%
			Water	7732-18-5	0%	0.1481602%
			Yeast Extract	8013-01-2	0%	5E-07%
			Zinc Sulfate	7446-19-7	0%	5E-07%
			Heptahydrate			

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 Printed Name: Derek Berg Title: Engineering Technician

Date: 11/6/2012

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

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