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. 30-015-40583

2. Well Name: TURQUOISE PWU 27 #005H

3. Well Number: 005H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:A Lot:A Section:27 Township:19S Range:29E
Feet from:990 N/S Line:N
Feet from:50 E/W Line:E

5. Bottom Hole Location:
Unit:A Lot:A Section:27 Township:19S Range:29E
Feet from:990 N/S Line:N
Feet from:50 E/W Line:E

6. latitude: 32.6361398567447 longitude: -104.054262033623

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: 3/30/2013 Frac Performed by: BHI

12. Production Type: O

13. Pool Code(s): 49622

14. Gross Fractured Interval: Confidential

15. True Vertical Depth (TVD): 7,066 ft

16. Total Volume of Fluid Pumped: 1,802,346 gals

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%	81.83222%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.30797%
			Water	7732-18-5	85%	1.74514%
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.01865%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00163%
Enzyme G HT-II	Baker Hughes	Breaker	Tryptone	73049-73-7	5%	0.00329%
			Water	7732-18-5	100%	0.06583%
			Yeast Extract	08013-01-2	5%	0.00329%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	60%	0.00751%
			Crystalline Silica Quartz	14808-60-7	30%	0.00376%
BF-8L	Baker Hughes	Buffer	Monoethanolamine	141-43-5	85%	0.1865%
BF-10L	Baker Hughes	Buffer	Acetic Acid	64-19-7	30%	0.02751%
			Acetic Anhydride	108-24-7	30%	0.02751%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.0636%
			Water	7732-18-5	30%	0.02544%
Clay Master-5C	Baker Hughes	Clay Control	Oxyakylated Amine Quat	138879-94-4	60%	0.00064%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00095%
			Methanol	67-56-1	60%	0.00189%
			Olefin	Trade Secret	5%	0.00016%
			Polyoxyalkylenes	Trade Secret	30%	0.00095%
			Propargyl Alcohol	107-19-7	10%	0.00032%
			Thiourea Polymer	68527-49-1	30%	0.00095%
XLW-4	Baker Hughes	Crosslinker	Sodium Tetraborate	1303-96-4	30%	0.00977%
XLW-30G, tote	Baker Hughes	Crosslinker	Borate Suspension	Trade Secret	99.9%	0.26865%
			Crystalline Silica Quartz	14808-60-7	1%	0.00269%
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Aliphatic Hydrocarbon	Trade Secret	30%	0.0028%
			Oxyalkylated Hydrocarbon	Trade secret	5%	0.00047%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.32644%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.38084%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.38084%
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.38084%
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	50%	0.00098%
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	21.1%	0.00041%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00585%
			Ammonium Hydroxide	1336-21-6	5%	0.00029%
			Cupric Chloride	7447-39-4	5%	0.00029%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.04405%
			Propylene Glycol	57-55-6	30%	0.02643%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	11.43558%
SiberProp, 16/30	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	2.2847%
ScaleSorb 7 (50 lb)	Baker Hughes	Scale Inhibitor	Crystalline Silica (Quartz)	14808-60-7	1%	0.00011%
			Diotomaceous Earth, Calcined	91053-39-3	100%	0.01062%
			Organo Phosphorus Salt	Trade Secret	30%	0.00319%
			Sodium Chloride	7647-14-5	10%	0.00106%
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.01135%
			Mixture of Surfactants	Trade Secret	50%	0.01891%
			Water	7732-18-5	30%	0.01135%
Ingredients shown above are subject to 29 CFR 1910			Anitfoam	Trade Secret	0%	1.32E-05%
			Cured Acrylic Resin	Trade Secret	0%	0.0037574%
			Fatty Acid Esters	67701-32-0	0%	3.73E-05%
			Fatty Acid Oxyalkylate	70142-34-6	0%	3.9E-06%
			Formaldehyde	50-00-0	0%	1.6E-06%
			Glutaraldehyde	111-30-8	0%	0.0074602%
			Glycerol	56-81-5	0%	0.0009875%
			Lactose	5989-81-1	0%	0.0006583%
			Methanol	67-56-1	0%	6.22E-05%
			Oxyalkylated Alkylphenol	9016-45-9	0%	3.53E-05%
			Sodium Bisulfate	7631-90-5	0%	5.84E-05%
			Sodium Chloride	7647-14-5	0%	4.87E-05%
			Sodium Sulfonate	870-72-4	0%	1.7E-05%
			Soy	8002-43-5	0%	2.63E-05%
			Water	7732-18-5	0%	0.0525973%
			Xylene	1330-20-7	0%	1.18E-05%
			diester of sulfosuccinic acid sodium salt	2673-22-5	0%	9.8E-06%

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: 10/14/2013

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

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