

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:
30-015-40289

2. Well Name:
TURQUOISE PWU 27 #008H

3. Well Number:
008H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:M Lot:M Section:27 Township:19S Range:29E
Feet from:390 N/S Line:S
Feet from:340 E/W Line:W

5. Bottom Hole Location:
Unit:M Lot:M Section:27 Township:19S Range:29E
Feet from:390 N/S Line:S
Feet from:340 E/W Line:W

6. latitude: longitude:
32.6254963442475 -104.070182362775

7. County:
Eddy

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

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

11. Last Fracture Date: 10/11/2012 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
49622

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
7,247 ft

16. Total Volume of Fluid Pumped:
1,338,080 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)
Fresh Water	Operator	Carrier	Water	7732-18-5	100%	81.7719%
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	1.34489%
Premium White - 30/50	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	100%	3.19334%
Premium White - 20/40	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	100%	10.8103%
CRC - 16/30	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	100%	2.4877%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01534%
			Monoethanolamine borate	26038-87-9	100%	0.05115%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.01345%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.01345%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00285%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.0018%
			Silica, amorphous precipitated	67762-90-7	30%	0.00054%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	0.02027%
FDP-S1041-12	Halliburton	Surfactant	Poly(oxy-1-2ethanedyl) alpha - isodecyl - omega - hydroxy	61827-42-7	30%	0.02178%
			Complex alkylamine		5%	0.00363%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00409%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.01615%
WG-35 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.20027%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00103%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00242%
			Walnut hulls	Mixture	100%	0.00808%
Ingredients shown above are subject to 29 CFR 1910			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%
			Amine Salts	Proprietary	0%	0%
			Amine Salts	Proprietary	0%	0%
			Ammonium chloride	12125-02-9	0%	0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Cured Acrylic Resin	Proprietary	0%	0%
			Cured Acrylic Resin	Proprietary	0%	0%
			Enzyme	Proprietary	0%	0%
			Ethoxylated Nonylphenol	Proprietary	0%	0%
			Modified Bentonite	Proprietary	0%	0%
			Polyacrylamide	Proprietary	0%	0%
			Copolymer			
			Polypropylene glycol	25322-69-4	0%	0%
			Quaternary Amine	Proprietary	0%	0%
			Quaternary Amine	Proprietary	0%	0%
			Quaternary Amine	Proprietary	0%	0%
			Silica, amorphous - fumed	7631-86-9	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Sorbitan monoleate polyoxyethylene derivative	9005-65-6	0%	0%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%
			Tall oil acid diethanolamide	68155-20-4	0%	0%
			Water	7732-18-5	0%	0%

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: Sara Cook

Date: 12/11/2014 Title: Regulatory Associate

E-mail Address: sara.cook@dvni.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.