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. 30-015-39806

2. Well Name: BERYL 33 FEDERAL COM #002H

3. Well Number: 002H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:N Lot:N Section:33 Township:19S Range:29E
Feet from:340 N/S Line:S
Feet from:1700 E/W Line:W

5. Bottom Hole Location:
Unit:N Lot:N Section:33 Township:19S Range:29E
Feet from:340 N/S Line:S
Feet from:1700 E/W Line:W

6. latitude: 32.6109213526425 longitude: -104.082926305272

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: 8/24/2012 Frac Performed by: Halliburton

12. Production Type: O

13. Pool Code(s): 49622

14. Gross Fractured Interval: Confidential

15. True Vertical Depth (TVD): 7,972 ft

16. Total Volume of Fluid Pumped: 1,392,102 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	Base Fluid	Water	7732-18-5	100%	80.20708%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	13.29921%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	3.64307%
			Phenol / formaldehyde resin	9003-35-4	5%	0.18215%
			Hexamethylenetetramine	100-97-0	2%	0.07286%
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	1.66944%
SSA-2	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.623%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.19779%
BC-140 X2	Halliburton	Initiator	Monoethanolamine borate	26038-87-9	100%	0.06135%
			Ethylene glycol	107-21-1	30%	0.0184%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Ammonium acetate	631-61-8	100%	0.03349%
			Acetic acid	64-19-7	30%	0.01005%
SUPERSET W	Halliburton	Activator	Ethoxylated nonylphenol	Proprietary	60%	0.02095%
			Methanol	67-56-1	60%	0.02095%
FDP-S1007-11	Halliburton	Surfactant	Isopropanol	67-63-0	30%	0.02575%
			Citrus, extract	94266-47-4	10%	0.00858%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Proprietary	50%	0.0224%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.01415%
BE-9	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.01415%
OPTIFLO-HTE	Halliburton	Breaker	Walnut hulls	Proprietary	100%	0.0087%
			Crystalline silica, quartz	14808-60-7	30%	0.00261%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Proprietary	100%	0.00397%
			Silica, amorphous precipitated	67762-90-7	30%	0.00119%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00225%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00041%
Ingredients shown above are subject to 29 CFR 1910			Enzyme	Proprietary	0%	0%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%
			Silica gel	112926-00-8	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Enzyme	Proprietary	0%	0%
			Cured Acrylic Resin	Proprietary	0%	0%
			Quaternary Amine	Proprietary	0%	0%
			Polypropylene glycol	25322-69-4	0%	0%
			Tall oil acid diethanolamide	68155-20-4	0%	0%
			Ammonium chloride	12125-02-9	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%
			Polyacrylamide Copolymer	Proprietary	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Amine Salts	Proprietary	0%	0%
			Water	7732-18-5	0%	0%
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%
			Surfactant Mixture	Proprietary	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 Title: Regulatory Associate

Date: 3/16/2015

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