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. 30-015-41795
2. Well Name: SARGAS 28 FEDERAL COM #003H
3. Well Number: 003H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:I Lot:I Section:29 Township:18S Range:31E
Feet from:1475 N/S Line:S
Feet from:342 E/W Line:E

5. Bottom Hole Location:
Unit:I Lot:I Section:29 Township:18S Range:31E
Feet from:1475 N/S Line:S
Feet from:342 E/W Line:E

6. latitude: 32.7152971588491 longitude: -103.884210149993

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: 3/22/2014 Frac Performed by: Schlumberger

12. Production Type: O

13. Pool Code(s): 56400

14. Gross Fractured Interval: Confidential

15. True Vertical Depth (TVD): 13,738 ft

16. Total Volume of Fluid Pumped: 2,796,740 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)
15% HCl, YF125, Slickwater	Schlumberger	Corrosion Inhibitor, Activator, Bactericide, Friction Reducer, Surfactant, Acid, Breaker, etc.	15% HCl, YF125, Slickwater	NA	0%	85.14383%
			Water (Including Mix Water Supplied by Client)*	7732-18-5	85.64814%	12.72404%
			Crystalline silica	14808-60-7	11.70155%	1.7384%
			Ceramic materials and wares, chemicals	66402-68-4	0.82179%	0.12209%
			Hydrochloric acid	7647-01-0	0.67181%	0.09981%
			Guar gum	9000-30-0	0.291%	0.04323%
			Ethylene Glycol	107-21-1	0.12984%	0.01929%
			Diammonium peroxidisulphate	7727-54-0	0.12007%	0.01784%
			2-hydroxy-N,N,N-trimethylethanaminium chloride	67-48-1	0.07165%	0.01064%
			Glutaraldehyde	111-30-8	0.06681%	0.00993%
			Polyethylene glycol monohexyl ether	31726-34-8	0.05644%	0.00838%
			Distillates (petroleum), hydrotreated light	64742-47-8	0.043%	0.00639%
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0.04223%	0.00627%
			Sodium hydroxide	1310-73-2	0.04156%	0.00617%
			Gum, xanthan	11138-66-2	0.02687%	0.00399%
			Ammonium chloride	12125-02-9	0.02661%	0.00395%
			Sodium tetraborate	1330-43-4	0.01667%	0.00248%
			Propan-2-ol	67-63-0	0.01314%	0.00195%
			Alcohol, C7-9-iso, C8, ethoxylated	78330-19-5	0.01158%	0.00172%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.00537%	0.0008%
			Ethoxylated oleic acid	9004-96-0	0.00537%	0.0008%
			Sorbitan monooleate	1338-43-8	0.00278%	0.00041%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00168%	0.00025%
			Non-crystalline silica (impurity)	7631-86-9	0.00161%	0.00024%
			Sorbitol Tetraoleate	61723-83-9	0.0014%	0.00021%
			Sodium sulfocyanate	540-72-7	0.00142%	0.00021%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00132%	0.0002%
			2-Propenoic acid, ammonium salt	10604-69-0	0.00107%	0.00016%
			Alcohols, C10-C16, ethoxylated	68002-97-1	0.00081%	0.00012%
			C14 alpha olefin ethoxylate	84133-50-6	0.00081%	0.00012%
			Alcohols, C12-C14, ethoxylated	68439-50-9	0.00073%	0.00011%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00041%	6E-05%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00035%	5E-05%
			Magnesium silicate hydrate (talc)	14807-96-6	0.00027%	4E-05%
			Cinnamaldehyde	104-55-2	0.00024%	4E-05%
			2-propenamid	79-06-1	0.00015%	2E-05%
			poly(tetrafluoroethylene)	9002-84-0	8E-05%	1E-05%
			Amines, tallow alkyl, ethoxylated	61791-26-2	2E-05%	0%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	3E-05%	0%
			Dodecyl poly(oxyethylene) ether	9002-92-0	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: 3/4/2015

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.