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. 30-015-41940
2. Well Name: BIG SINKS DRAW 25 FEDERAL COM #003H
3. Well Number: 003H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:G Lot:G Section:25 Township:25S Range:31E
Feet from:2440 N/S Line:N
Feet from:1980 E/W Line:E

5. Bottom Hole Location:
Unit:G Lot:G Section:25 Township:25S Range:31E
Feet from:2440 N/S Line:N
Feet from:1980 E/W Line:E

6. latitude: 32.1018276162939 longitude: -103.729482718364

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: 4/27/2015 Frac Performed by: Halliburton

12. Production Type: O

13. Pool Code(s): 97860

14. Gross Fractured Interval: 10,488 ft to 17,437 ft

15. True Vertical Depth (TVD): 10,478 ft

16. Total Volume of Fluid Pumped: 10,734,291 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	Fresh Water	7732-18-5	100%	28.77841%
HYDROCHLORIC ACID	Halliburton	Base Fluid	Hydrochloric Acid	7647-01-0	60%	0.2408729%
Lease Water	Operator	Base Fluid	Lease Water	NA	100%	57.8441294%
CL-22 UC, CL-31 CROSSLINKER, Cla-Web (TM), ISOPROPY	Halliburton	Additive, Breaker, Buffer, Concentrate, Conductivity Enhancer, Crosslinker, Friction Reducer, Gellin	NA	(See Additional Ingredients)	0%	0%
SAND-PREMIUM WHITE-30/70, BULK, SAND-PREMIUM WHITE	Halliburton	Surfactant	NA	(See Additional Ingredients)	0%	0%
			9-Octadecenamide, n,n-bis-2 (hydroxy-ethyl)-,(Z)	93-83-4	5%	0.0026421%
			Acrylate polymer	Confidential	1%	0.0002068%
			Alcohols, C12-16, ethoxylated	68551-12-2	10%	0.0052842%
			Alkane	Confidential	1%	0.0008321%
			Amine salts	Confidential	0.1%	3.06E-05%
			Ammonium chloride	12125-02-9	10%	0.0052842%
			Ammonium persulfate	7727-54-0	100%	0.0025554%
			Ammonium salt	Confidential	60%	0.0091929%
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	5%	0.0031108%
			Borate salts	Confidential	60%	0.0124095%
			Complex alkylamine	Confidential	5%	0.0041607%
			Crystalline silica, quartz	14808-60-7	100%	13.00084%
			Crystalline Silica, Quartz	14808-60-7	0.1%	6.22E-05%
			Cured acrylic resin	Confidential	30%	0.0007666%
			Dipropylene glycol monomethyl ether	34590-94-8	60%	0.0095235%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0.01%	8.3E-06%
			Fatty acid ester	Confidential	5%	0.0026421%
			Glycerine	56-81-5	10%	0.0083215%
			Guar gum	9000-30-0	100%	0.0622158%
			Heavy aromatic petroleum naphtha	64742-94-5	10%	0.0015873%
			Hydrogen peroxide	7722-84-1	0.01%	8.3E-06%
			Hydrotreated light petroleum distillate	64742-47-8	30%	0.0158525%
			Inorganic salt	Confidential	30%	0.0158525%
			Isopropanol	67-63-0	100%	0.0019336%
			Methanol	67-56-1	1%	0.0001587%
			Naphthalene	91-20-3	0.01%	1.6E-06%
			Nitrotriacetic acid, trisodium salt monohydrate	5064-31-3	0.01%	8.3E-06%
			Paraffinic solvent	Confidential	100%	0.0016891%
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.0249645%
			Polyacrylate	Confidential	30%	0.0158525%
			Potassium formate	590-29-4	60%	0.0124095%
			Potassium hydroxide	1310-58-3	5%	0.000562%
			Potassium metaborate	13709-94-9	60%	0.0067438%
			Quaternary amine	Confidential	5%	0.0009346%
			Quaternary ammonium compound	Confidential	10%	0.0015873%
			Silica gel	112926-00-8	1%	0.0006222%
			Sodium bicarbonate	144-55-8	100%	0.000187%
			Sodium carboxymethyl cellulose	9004-32-4	1%	0.0002068%
			Sodium chloride	7647-14-5	5%	0.0010629%
			Sodium glycollate	2836-32-0	1%	0.0002151%
			Sodium hydroxide	1310-73-2	30%	0.002707%
			Sodium perborate tetrahydrate	10486-00-7	100%	0.0064869%
			Sodium persulfate	7775-27-1	100%	0.0004646%
			Sodium sulfate	7757-82-6	0.1%	5E-07%
			Surfactant mixture	Confidential	1%	0.0012443%
			Water	7732-18-5	100%	0.5320113%

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: 4/29/2015

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.