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. 30-015-41941
2. Well Name: COTTON DRAW UNIT #211H
3. Well Number: 211H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location: Unit:P Lot:4 Section:34 Township:24S Range:31E; Feet from:185 N/S Line:S; Feet from:990 E/W Line:E
5. Bottom Hole Location: Unit:P Lot:4 Section:34 Township:24S Range:31E; Feet from:185 N/S Line:S; Feet from:990 E/W Line:E
6. latitude: 32.1672189710751 longitude: -103.760418692763
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: 7/21/2014 Frac Performed by: SLB
12. Production Type: O
13. Pool Code(s): 96641
14. Gross Fractured Interval: Confidential
15. True Vertical Depth (TVD): 10,314 ft
16. Total Volume of Fluid Pumped: 7,807,962 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)
Slick Water:HCl 15%:YF120FlexD:YF125FlexD	Schlumberger	Proppant Transport	Water (Including Mix Water Supplied by Client)*	NA	0%	87.54%
			Crystalline silica, quartz	14808-60-7	95.82%	11.94%
			Hydrochloric acid	7647-01-0	1.12%	0.14%
			Phenolic resin	9003-35-4	0.71%	0.09%
			Guar gum	9000-30-0	0.46%	0.06%
			Cholinium chloride	67-48-1	0.3%	0.04%
			Propan-2-ol	67-63-0	0.25%	0.03%
			Hexamethylenetetramine	100-97-0	0.2%	0.03%
			Ethane-1,2-diol	107-21-1	0.16%	0.02%
			Polyamine polyethers	68815-65-6	0.14%	0.02%
			2,2`-(Ethylenedioxy)diethanol (triethylene glycol)	112-27-6	0.1%	0.01%
			Acrylamide, 2-acrylamido-2-methylpropanesulfonic acid, sodium salt polymer	38193-60-1	0.1%	0.01%
			Ammonium sulfate	7783-20-2	0.09%	0.01%
			Alcohol, C7-9-iso, C8, ethoxylated	78330-19-5	0.08%	0.01%
			Diammonium peroxidisulphate	7727-54-0	0.06%	0.01%
			Benzenemethanaminium, N-(3-aminopropyl) -N,N-dimethyl-, N-soya acyl derivs., chlorides	90194-13-1	0.05%	0.01%
			Poly(oxy-1,2-ethanediyl), .alpha.-2,4,6-tris(1-phenylethyl) phenyl-.omega.-hydroxy-	70559-25-0	0.05%	0.01%
			Sodium hydroxide	1310-73-2	0.04%	0.01%
			Sodium sulfate	7757-82-6	0.04%	0%
			Terpenes and Terpenoids, sweet orange-oil	68647-72-3	0.03%	0%
			Gum, xanthan	11138-66-2	0.02%	0%
			Sodium tetraborate	1330-43-4	0.01%	0%
			Alcohols, C12-15 linear, ethoxylated	68131-39-5	0.01%	0%
			Glutaraldehyde	111-30-8	0.01%	0%
			Polymer of 2-acrylamido-2-methylpropanesulfonic acid sodium salt and methyl acrylate	136793-29-8	0.01%	0%
			Propane-1,2-diol	57-55-6	0.01%	0%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.01%	0%
			Sodium erythorbate	6381-77-7	0.01%	0%
			Urea	57-13-6	0.01%	0%
			Castor oil, ethoxylated	61791-12-6	0%	0%
			Non-crystalline silica	7631-86-9	0%	0%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0%	0%
			Ethanol	64-17-5	0%	0%
			1, 2, 3 - Propanetriol	56-81-5	0%	0%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0%	0%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0%	0%
			Cinnamaldehyde	104-55-2	0%	0%
			Magnesium silicate hydrate (talc)	14807-96-6	0%	0%
			Tetrasodium ethylenediaminetetraacetate	Ge0eral	0%	0%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0%	0%
			poly(tetrafluoroethylene)	9002-84-0	0%	0%
			Dimethyl siloxanes and silicones	63148-62-9	0%	0%
			Dodecyl poly(oxyethylene) ether	9002-92-0	0%	0%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	0%	0%
			Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	0%	0%
			Octamethylcyclotetrasiloxane	556-67-2	0%	0%
			Decamethyl cyclopentasiloxane	Ge0eral	0%	0%
			Dodecamethylcyclohexasiloxane	540-97-6	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: Ronnie Slack Title: Production Technologist

Date: 9/5/2014

E-mail Address: ronnie.slack@dvn.com

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