

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							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO: 30-015-43275							
		2. Well Name: COTTON DRAW UNIT #223H							
		3. Well Number: 223H							
		4. Surface Hole Location: Unit:J Lot:J Section:12 Township:25S Range:31E Feet from:2405 N/S Line:S Feet from:2395 E/W Line:E							
5. Bottom Hole Location: Unit:J Lot:J Section:12 Township:25S Range:31E Feet from:2405 N/S Line:S Feet from:2395 E/W Line:E		6. latitude: 32.144191 longitude: -103.7307297							
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: 4/4/2016 Frac Performed by: Schlumberger		12. Production Type: O							
13. Pool Code(s): 96641		14. Gross Fractured Interval: 10,630 ft to 17,240 ft							
15. True Vertical Depth (TVD): 10,562 ft		16. Total Volume of Fluid Pumped: 6,038,488 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)			
Water	Schlumberger	Water Gelling Agent, Surfactant, Acid, Breaker, Buffer, Friction Reducer, Stabilizing Agent, Myacide	Water (Including Mix Water Supplied by Client)*	7732-18-5	0%	85.2121%			
			Aliphatic alcohol	Proprietary	2E-05%	1E-05%			
			Brominated Diol	Proprietary	1E-05%	1E-05%			
			Dodecyl phosphate potassium salt	Proprietary	0.00033%	5E-05%			
			Polyethylene-polypropylene glycol methyl ether oleate	Proprietary	0.00049%	7E-05%			
			Synthetic organic polymer	Proprietary	0.60467%	0.08942%			
			Urea	57-13-6	0.00095%	0.00014%			
			Tetrasodium ethylenediaminetetraacetate	GeOeral	2E-05%	1E-05%			
			Acetic acid	64-19-7	0.06228%	0.00921%			
			Propan-2-ol	67-63-0	0.01245%	0.00184%			
			2-Propenamid (impurity)	GeOeral	5E-05%	1E-05%			
			Glutaraldehyde	111-30-8	0.12282%	0.01816%			
			Sodium diacetate	126-96-5	0.00944%	0.0014%			
			Dodecamethylcyclohexasiloxane	540-97-6	1E-05%	1E-05%			
			Decamethyl cyclopentasiloxane	GeOeral	1E-05%	1E-05%			
			Octamethylcyclotetrasiloxane	556-67-2	1E-05%	1E-05%			
			Decyl-dimethyl amine oxide	2605-79-0	0.00182%	0.00027%			
			Silicon Dioxide	7631-86-9	0.00154%	0.00023%			
			Hydrochloric acid	7647-01-0	0.09675%	0.01431%			
			Phosphoric acid	7664-38-2	1E-05%	1E-05%			
			Diammonium peroxodisulphate	7727-54-0	0.0459%	0.00679%			
			Sodium sulfate	7757-82-6	0.00022%	3E-05%			
			Copper(II) sulfate	7758-98-7	1E-05%	1E-05%			
			Ammonium sulfate	7783-20-2	0.01949%	0.00288%			
			Guar gum	9000-30-0	0.49226%	0.07279%			
			poly(tetrafluoroethylene)	9002-84-0	0.0001%	1E-05%			
			1,4-Benzenedicarboxylic acid, polymer with 1,2-ethanediol and a-hydro-w-hydroxypoly (oxy-1,2-ethanediyl)	9016-88-0	0.00047%	7E-05%			
			C13 alcohol ethoxylate	9043-30-5	1E-05%	1E-05%			
			Magnesium silicate hydrate (talc)	14807-96-6	0.00029%	4E-05%			
			Quartz, Crystalline silica	14808-60-7	98.44008%	14.55722%			
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.00774%	0.00115%			
			2-Ethylhexanol ethoxylate	26468-86-0	0.0562%	0.00831%			
			Acrylamide, 2-acrylamido-2-methylpropanesulfonic acid, sodium salt polymer	38193-60-1	0.01438%	0.00213%			
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00221%	0.00033%			
			Dimethyl siloxanes and silicones	63148-62-9	0.0042%	0.0062%			
			Siloxanes and silicones, dimethyl, reaction products with silica	67762-90-7	1E-05%	1E-05%			
			Silica, amorphous, fumed, crystal free	112945-52-5	0.00127%	0.00019%			
			Polymer of 2-acrylamido-2-methylpropanesulfonic acid sodium salt and methyl acrylate	136793-29-8	0.00154%	0.00023%			
			† Proprietary Technology					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: Linda Good		Regulatory Compliance Title: Professional		
			Date: 10/14/2016						
			E-mail Address: linda.good@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.