

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 February 15, 2012					
		1. WELL API NO: 30-015-39730					
		2. Well Name: COTTON DRAW UNIT #162H					
		3. Well Number: 162H					
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:11 Township:25S Range:31E Feet from:330 N/S Line:S Feet from:860 E/W Line:W					
		5. Bottom Hole Location: Unit:M Lot:M Section:11 Township:25S Range:31E Feet from:330 N/S Line:S Feet from:860 E/W Line:W					
		6. latitude: 32.1385438302663 longitude: -103.754443766609					
		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: 1/8/2013 Frac Performed by: BHI		12. Production Type: O					
13. Pool Code(s): 96757		14. Gross Fractured Interval: 8,614 ft to 12,525 ft					
15. True Vertical Depth (TVD): 8,188 ft		16. Total Volume of Fluid Pumped: 31,455 bbls					
17. 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	Operator	Carrier	Water	7732-18-5	100%	83.95396%	
GBW-5	Baker Hughes	Breaker	Ammonium Phosphate	7727-54-0	100%	0.00057%	
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00186%	
			Water	7732-18-5	97%	0.06029%	
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	60%	0.0032%	
			Crystalline Silica Quartz	14808-60-7	30%	0.0016%	
BF-9L, 55 gal drum	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.09226%	
			Potassium Hydroxide	1310-58-3	30%	0.04613%	
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.06687%	
			Water	7732-18-5	30%	0.02675%	
Clay Master-5C	Baker Hughes	Clay Control	Oxyalkylated Amine Quat	138879-94-4	60%	0.00022%	
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00277%	
			Methanol	67-56-1	60%	0.00554%	
			Olefin	Trade Secret	5%	0.00046%	
			Polyoxyalkylenes	Trade Secret	30%	0.00277%	
			Propargyl Alcohol	107-19-7	10%	0.00092%	
XLW-4	Baker Hughes	Crosslinker	Sodium Borate Decahydrate	1303-96-4	30%	0.01044%	
XLW-30G, tote	Baker Hughes	Crosslinker	Borate Suspension	Trade Secret	99.8%	0.07761%	
			Crystalline Silica Quartz	14808-60-7	0.2%	0.00016%	
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Aliphatic Hydrocarbon	Trade Secret	30%	0.00106%	
			Oxyalkylated Alcohol	Trade Secret	5%	0.00018%	
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.36578%	
			Paraffinic Petroleum Distillate	64742-55-8	60%	0.36578%	
			Petroleum Distillate	64742-47-8	60%	0.36578%	
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	50%	0.00034%	
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	21.1%	0.00014%	
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00189%	
			Ammonium Hydroxide	1336-21-6	5%	9E-05%	
			Cupric Chloride	7447-39-4	5%	9E-05%	
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	3E-05%	
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.04074%	
			Propylene Glycol	57-55-6	30%	0.02445%	
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.6106%	
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.46401%	
Super LC, 20/40	Baker Hughes	Proppant	Hexamethylenetetramine	1009-7-0	0.01%	0.00032%	
			P/F Resin	9003-35-4	5%	0.15864%	
			Silicon Dioxide (Silica Sand)	14808-60-7	97%	3.07757%	
Scaletrol 720	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00124%	
			Ethylene Glycol	107-21-1	30%	0.00744%	
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.01335%	
			Mixture of Surfactants	Trade Secret	50%	0.02224%	
			Water	7732-18-5	30%	0.01335%	
Ingredients shown above are subject to 29 CFR 1910			Alkoxylated Amine	Trade Secret	0%	5.83E-05%	
			Alkylene Oxide Block Polymer	Trade Secret	0%	6.65E-05%	
			Anionic Terpolymer	Trade Secret	0%	0.0021235%	
			Antifoam	Trade Secret	0%	1E-07%	
			Cured Acrylic Resin	Trade Secret	0%	0.0016006%	
			EDTA	64-02-8	0%	1.8E-06%	
			Fatty Acid Esters	67701-32-0	0%	1.3E-05%	
			Fatty Acid Oxyalkylate	70142-34-6	0%	1.4E-06%	
			Formaldehyde	50-00-0	0%	4.61E-05%	
			Glycerin	56-81-5	0%	0%	
			Inorganic Salt	7647-14-5	0%	0.000177%	
			Modified Thiourea Polymer	68527-49-1	0%	0.0010152%	
			Organic Sulfonic Acid	27176-87-0	0%	1.2E-06%	
			Oxyalkylated Alkylphenol	9016-45-9	0%	1.24E-05%	
			Oxyalkylated Fatty Acid Derivative	Trade Secret	0%	0.000177%	
			Polyacrylate	Trade Secret	0%	0.0049608%	
			Polyglycol	25322-68-3	0%	1.11E-05%	
			Polyol Ester	Trade Secret	0%	0.000177%	
			Polyquaternary Amine	Trade Secret	0%	7E-06%	
			Potassium Chloride	7447-40-7	0%	1.24E-05%	
			Sodium Chloride	7647-14-5	0%	5.36E-05%	
			Water	7732-18-5	0%	0.0999955%	
			Xylene	1330-20-7	0%	4.1E-06%	
			diester of sulfosuccinic acid sodium salt	2673-22-5	0%	3.4E-06%	
	18. 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: Derek Berg Title: Engineering Technician						
	Date: 6/3/2013						
	E-mail Address: derek.berg@dm.com						
	NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.						