

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. 30-015-38952						
2. Well Name: COTTON DRAW UNIT #154H						
		3. Well Number: 154H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment	4. Surface Hole Location: Unit:A Lot:1 Section:3 Township:25S Range:31E Feet from:200 N/S Line:N Feet from:660 E/W Line:E					
	5. Bottom Hole Location: Unit:A Lot:1 Section:3 Township:25S Range:31E Feet from:200 N/S Line:N Feet from:660 E/W Line:E					
	6. Latitude: 32.1661550282543 longitude: 103.759351280644					
	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: 2/13/2012 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 96757		14. Gross Fractured Interval: 8,534 ft to 12,572 ft				
15. True Vertical Depth (TVD): 8,226 ft		16. Total Volume of Fluid Pumped: 33,273 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%	83.54344%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.04939%
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	4E-05%
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	9E-05%
			Crystalline Silica: Cristobalite	14464-46-1	1%	1E-05%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	1E-05%
			Diatomaceous Earth, Calcined	91053-39-3	60%	0.00052%
			Magnesium Chloride	7786-30-3	5%	4E-05%
			Magnesium Nitrate	10377-60-3	10%	9E-05%
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00924%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00142%
High Perm CRB	Baker Hughes	Breaker	Water	7732-18-5	97%	0.04581%
			Ammonium Persulphate	7727-54-0	60%	0.00344%
GBW-33D	Baker Hughes	Breaker	Crystalline Silica Quartz	14808-60-7	30%	0.00172%
			Hemicellulase Enzyme Concentrate	Trade Secret	100%	0.00125%
BF-9L, 55 gal drum	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.05299%
ClayCare, tote	Baker Hughes	Clay Control	Potassium Hydroxide	1310-58-3	30%	0.0265%
			Choline Chloride	67-48-1	75%	0.06677%
Clay Master-5C	Baker Hughes	Clay Control	Water	7732-18-5	30%	0.02671%
CI-27	Baker Hughes	Corrosion Inhibitor	Oxyakylated Amine Quat	138879-94-4	60%	0.0003%
			Fatty Acids	Trade Secret	30%	0.00037%
			Methanol	67-56-1	60%	0.00074%
			Olefin	Trade Secret	5%	6E-05%
XLW-4	Baker Hughes	Crosslinker	Polyoxyalkylenes	Trade Secret	30%	0.00037%
			Propargyl Alcohol	107-19-7	10%	0.00012%
XLW-30G, tote	Baker Hughes	Crosslinker	Sodium Borate	1303-96-4	30%	0.0078%
			Decahydrate			
GW-4LDF	Baker Hughes	Gelling Agent	Borate Suspension	Trade Secret	99.8%	0.07013%
			Crystalline Silica Quartz	14808-60-7	0.2%	0.00014%
AG-12	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	40%	0.29548%
			Petroleum Distillates Blend	Trade Secret	70%	0.51709%
			Acrylic Polymers	26006-22-4	60%	0.00054%
Ferrotrol 280L	Baker Hughes	Iron Control	Distillates, Petroleum, Hydrotreated Middle	64742-47-8	30%	0.00027%
			Nonylphenol Ethoxylate	64742-46-7	5%	5E-05%
			2-Mercaptoethanol	60-24-2	100%	0.00329%
NE-945, tote	Baker Hughes	Non-emulsifier	Ammonium Hydroxide	1336-21-6	5%	0.00016%
			Cupric Chloride	7447-39-4	5%	0.00016%
Sand, White, 20/40	Baker Hughes	Proppant	Oxyalkylated alcohol	Trade Secret	5%	0.0048%
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.53073%
Super LC, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.48527%
			Hexamethylenetetramine	1009-7-0	0.01%	0.00035%
			P/F Resin	9003-35-4	5%	0.17547%
Scaletrol 720	Baker Hughes	Scale Inhibitor	Silicon Dioxide (Silica Sand)	14808-60-7	97%	3.40415%
InFlo 250W	Baker Hughes	Surfactant	Calcium Chloride	10043-52-4	5%	0.00157%
			Ethylene Glycol	107-21-1	30%	0.00941%
			2-Butoxyethanol	111-76-2	5%	0.00229%
Additional Ingredients			Methanol	67-56-1	30%	0.01372%
			Surfactants	Trade Secret	80%	0.03659%
			85% Phosphoric Acid, FG	10361-65-6	0%	0%
Additional Ingredients			Alkoxyated Amine	Trade Secret	0%	0%
			Alkylene Oxide Block Polymer	Trade Secret	0%	0%
			Antifoam	Trade Secret	0%	0%
			Boric Acid	10043-35-3	0%	0%
			Calcium Carbonate	471-34-1	0%	0%
			Calcium Chloride	10043-52-4	0%	0%
			Corn Meal	N.A.	0%	0%
			Crystalline Silica	14808-60-7	0%	0%
			Cupric Sulfate 5 H2O, ACS	7758-99-8	0%	0%
			Cured Acrylic Resin	Trade Secret	0%	0%
			D-Biotin ,USP	119616-38-5	0%	0%
			Ethylene Glycol	111-76-2	0%	0%
			Monobutyl Ether			
			Ferric Chloride, Hexahydrate	7705-08-0	0%	0%
			Formaldehyde	50-00-0	0%	0%
			Glycerin	56-81-5	0%	0%
			Linseed Meal	8001-26-1	0%	0%
			Magnesium Sulfate	7487-88-9	0%	0%
			Mannan Endo-1,4-B-Mannosidase	37288-54-3	0%	0%
			Methanol	67-56-1	0%	0%
			Modified Thiourea Polymer	68527-49-1	0%	0%
			Organic Sulfonic Acid	27176-87-0	0%	0%
			Poly (oxy-1,2-ethanediy)l	24938-91-8	0%	0%
			Polyacrylate	Trade Secret	0%	0%
			Polyethylene Glycol	25322-68-3	0%	0%
			Polyglycol	25322-68-3	0%	0%
			Polyquaternary Amine	Trade Secret	0%	0%
			Potassium Chloride	7447-40-7	0%	0%
			Potassium Sulfate	7778-80-5	0%	0%
			Quaternary Ammonium Compounds bis [Hydrogenated Tallow Alkyl] Dimethyl Salts With Bentonite	68953-58-2	0%	0%
			Sodium Chloride	7647-14-5	0%	0%
			Sodium Molybdate	7631-95-0	0%	0%
			Soy Isoflavone	486-66-8	0%	0%
			Thiamine-HCl	67-03-8	0%	0%
			Water	7732-18-5	0%	0%
			Yeast Extract	8013-01-2	0%	0%
Zinc Sulfate Heptahydrate	7446-19-7	0%	0%			
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: 11/6/2012						
E-mail Address: derek.berg@dm.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.