

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: 30-015-39517							
		2. Well Name: COTTON DRAW UNIT #113H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		3. Well Number: 113H							
		4. Surface Hole Location: Unit:M Lot:1 Section:36 Township:24S Range:31E Feet from:220 N/S Line:S Feet from:660 E/W Line:W							
		5. Bottom Hole Location: Unit:M Lot:1 Section:36 Township:24S Range:31E Feet from:220 N/S Line:S Feet from:660 E/W Line:W							
		6. latitude: 32.1671987904143 longitude: -103.737968053671							
		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: 1/3/2012 Frac Performed by: Baker Hughes				12. Production Type: O					
13. Pool Code(s): 13370				14. Gross Fractured Interval: 10,964 ft to 12,942 ft					
15. True Vertical Depth (TVD): 8,262 ft				16. Total Volume of Fluid Pumped: 31,809 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%	84.04796%			
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.04924%			
			Water	7732-18-5	92.5%	0.60726%			
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00512%			
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00185%			
			Water	7732-18-5	97%	0.05968%			
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.0057%			
			Crystalline Silica Quartz	14808-60-7	15%	0.00086%			
GBW-33D	Baker Hughes	Breaker	Calcium Carbonate	471-34-1	7%	9E-05%			
			Corn Meal	N.A.	83%	0.00105%			
			Linseed Meal	8001-26-1	10%	0.00013%			
			Potassium Carbonate	584-08-7	60%	0.10127%			
BF-9L, 300 gal tote	Baker Hughes	Buffer	Potassium Hydroxide	1310-58-3	30%	0.05063%			
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.06843%			
Clay Master-5C	Baker Hughes	Clay Control	Water	7732-18-5	30%	0.02737%			
			Oxyakylated Amine Quat	138879-94-4	60%	0.00027%			
CI-27	Baker Hughes	Corrosion Inhibitor	Alkenes^ C>10 Alpha-	64743-02-8	5%	5E-05%			
			Ethoxylated Alcohols^ C14-15	68951-67-7	30%	0.00031%			
			Methanol	67-56-1	60%	0.00061%			
			Propargyl Alcohol	107-19-7	10%	0.0001%			
			Tall Oil Acid	61790-12-3	30%	0.00031%			
			Thiourea Polymer	68527-49-1	30%	0.00031%			
			Sodium Borate Decahydrate	1303-96-4	30%	0.01006%			
XLW-4	Baker Hughes	Crosslinker							
XLW-30AG, tote	Baker Hughes	Crosslinker	Hydrotreated Light Distillate	64742-47-8	70%	0.03457%			
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	40%	0.27015%			
			Petroleum Distillates Blend	Trade Secret	70%	0.47276%			
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	60%	0.00049%			
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	30%	0.00024%			
			Nonylphenol Ethoxylate	64742-46-7	5%	4E-05%			
Ferrotrol 280L	Baker Hughes	Iron Control	Ammonium Hydroxide	1336-21-6	5%	0.00011%			
			Cupric Chloride	10125-13-0	5%	0.00011%			
			Thioglycol	60-24-2	100%	0.00215%			
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	0.00437%			
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.47272%			
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.43446%			
Super LC, 20/40	Baker Hughes	Proppant	Hexamethylenetetramine	1009-7-0	0.01%	0.00031%			
			P/F Resin	9003-35-4	5%	0.1571%			
			Silicon Dioxide (Silica Sand)	14808-60-7	97%	3.04775%			
Scaletrol 720	Baker Hughes	Scale Inhibitor	Diethylene Glycol	111-46-6	5%	0.00109%			
			Ethylene Glycol	107-21-1	45%	0.00985%			
InFlo 250W	Baker Hughes	Surfactant	2-Butoxyethanol	111-76-2	20%	0.00817%			
			Methanol	67-56-1	30%	0.01225%			
			Surfactants	Trade Secret	80%	0.03266%			
Additional Ingredients			2-Propenoic, Polymer with Sodium Phosphinate, Sodium Salt	71050-62-9	0%	0%			
			Boric Anhydride	1303-86-2	0%	0%			
			Calcium Chloride	10043-52-4	0%	0%			
			Crystalline Silica	14808-60-7	0%	0%			
			Cured Acrylic Resin	Trade Secret	0%	0%			
			Ethylene Glycol	111-76-2	0%	0%			
			Monobutyl Ether						
			Formaldehyde	50-00-0	0%	0%			
			Glycerin	56-81-5	0%	0%			
			Mannan Endo-1,4-B-Mannosidase	37288-54-3	0%	0%			
			Methanol	67-56-1	0%	0%			
			Poly (oxy-1,2-ethanediyl)	24938-91-8	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 Tetraborate	1330-43-4	0%	0%			
			Water	7732-18-5	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@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.