

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: 30-015-38434					
		2. Well Name: COTTON DRAW UNIT #117H					
		3. Well Number: 117H					
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:O Lot:3 Section:34 Township:24S Range:31E Feet from:160 N/S Line:S Feet from:2280 E/W Line:E					
		5. Bottom Hole Location: Unit:O Lot:3 Section:34 Township:24S Range:31E Feet from:160 N/S Line:S Feet from:2280 E/W Line:E					
		6. Latitude: longitude: 32.167166899381 -103.763634228136					
		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: 8/30/2013 Frac Performed by: SLB		12. Production Type: O					
13. Pool Code(s): 96641		14. Gross Fractured Interval: Confidential					
15. True Vertical Depth (TVD): 10,397 ft		16. Total Volume of Fluid Pumped: 2,998,766 gals					
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)	
Slickwater, 15% HCl Acid, WF115	Schlumberger	Activator , Bactericide (Myacide GA25), Friction Reducer, Surfactant , Acid, Breaker, Gelling Agent,	Water (Including Mix Water Supplied by Client)*	NA		0%	0.93%
			Crystalline silica	14808-60-7		0%	0.07%
			Hydrochloric acid	7647-01-0		0%	0%
			Guar gum	9000-30-0		0%	0%
			Diammonium peroxidisulphate	7727-54-0		0%	0%
			Phenolic resin	9003-35-4		0%	0%
			Distillates (petroleum), hydrotreated light	64742-47-8		0%	0%
			Acrylamide/ammonium acrylate copolymer	26100-47-0		0%	0%
			Glutaraldehyde	111-30-8		0%	0%
			Polyethylene glycol monohexyl ether	31726-34-8		0%	0%
			Ammonium chloride	12125-02-9		0%	0%
			Methanol	67-56-1		0%	0%
			Alcohol, C7-9-iso, C8, ethoxylated	78330-19-5		0%	0%
			Propan-2-ol	67-63-0		0%	0%
			Sorbitan monooleate	1338-43-8		0%	0%
			Ethoxylated oleic acid	9004-96-0		0%	0%
			Alcohol, C9-11-iso, C10, ethoxylated	78330-20-8		0%	0%
			Sorbitol Tetraoleate	61723-83-9		0%	0%
			Non-crystalline silica	7631-86-9		0%	0%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3		0%	0%
			Sodium sulfocyanate	540-72-7		0%	0%
			2-Propenoic acid, ammonium salt	10604-69-0		0%	0%
			Ethoxylated propoxylated 4-nonylphenol-formaldehyde resin	30846-35-6		0%	0%
			Alcohols, C10-C16, ethoxylated	68002-97-1		0%	0%
			Heavy aromatic naphtha	64742-94-5		0%	0%
			Quaternary ammonium compounds chlorides derivatives	68989-00-4		0%	0%
			Alcohol, C11-14, ethoxylated	78330-21-9		0%	0%
			Alcohols, C12-C16, ethoxylated	68551-12-2		0%	0%
			C14 alpha olefin ethoxylate	84133-50-6		0%	0%
			Alcohols, C12-C14, ethoxylated	68439-50-9		0%	0%
			Poly(oxy-1,2-ethanediyl)	25322-68-3		0%	0%
			2-propenamid	Ge0eral		0%	0%
			Naphtalene (impurity)	91-20-3		0%	0%
Potassium hydroxide	1310-58-3		0%	0%			
† Proprietary Technology					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: 10/9/2013							
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.