

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
		1. WELL API NO: 30-025-41172
		2. Well Name: COTTON DRAW 32 STATE FEDERAL COM #004H
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		3. Well Number: 004H
		4. Surface Hole Location: Unit:K Lot:K Section:32 Township:24S Range:32E Feet from:2310 N/S Line:S Feet from:1330 E/W Line:W
		5. Bottom Hole Location: Unit:K Lot:K Section:32 Township:24S Range:32E Feet from:2310 N/S Line:S Feet from:1330 E/W Line:W
		6. Latitude: 32.1729469 Longitude: -103.7009354
		7. County: Lea

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: 6/9/2015 Frac Performed by: Halliburton	12. Production Type: O	
13. Pool Code(s): 49490	14. Gross Fractured Interval: Confidential	
15. True Vertical Depth (TVD): 8,290 ft	16. Total Volume of Fluid Pumped: 5,337,454 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)
FE Acid > 10%	Halliburton	Base Fluid	NA	NA	0%	0%
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	9.85384%
Lease Water	Operator	Base Fluid	NA	NA	0%	0%
Cla-Web(TM), LOSURF-360W, OptiKleen-WF(TM), PermVi	Halliburton	Additive, Concentrate, Friction Reducer, Proppant, Surfactant	NA	NA	0%	0%
			9-Octadecenamide, n,n-bis-2 (hydroxy-ethyl)-, (Z)	93-83-4	5%	0.00206%
			Alcohols, C12-16, ethoxylated	68551-12-2	10%	0.00411%
			Alkane	Confidential	1%	0.00084%
			Amine salts	Confidential	0.1%	1E-05%
			Ammonium chloride	12125-02-9	10%	0.00411%
			Ammonium salt	Confidential	60%	0.00362%
			Complex alkylamine	Confidential	5%	0.00418%
			Crystalline silica, quartz	14808-60-7	100%	8.20628%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0.01%	1E-05%
			Fatty acid ester	Confidential	5%	0.00206%
			Glycerine	56-81-5	10%	0.00835%
			Hydrogen peroxide	7722-84-1	0.01%	1E-05%
			Hydrotreated light petroleum distillate	64742-47-8	30%	0.01233%
			Inorganic salt	Confidential	30%	0.01233%
			NFIDB:FE Acid > 10%	NFIDB:FE Acid > 10%	100%	0.87047%
			NFIDB:Lease Water	NA	100%	80.93398%
			Nitrotriactic acid, trisodium salt monohydrate	5064-31-3	0.01%	1E-05%
			Poly(oxy-1,2-ethanediyl), ,alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.02506%
			Polyacrylate	Confidential	30%	0.01233%
			Quaternary amine	Confidential	5%	0.00037%
			Sodium bicarbonate	144-55-8	0.01%	1E-05%
			Sodium chloride	7647-14-5	5%	0.0003%
Sodium glycolate	2836-32-0	0.01%	1E-05%			
Sodium hydroxide	1310-73-2	0.01%	1E-05%			
Sodium perborate tetrahydrate	10486-00-7	100%	0.00473%			
Water	7732-18-5	100%	0.0995%			

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: Rebecca Deal Title: Regulatory Professional

Date: 3/15/2016

E-mail Address: rebecca.deal@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.