

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: 30-015-42625				
		2. Well Name: CLETUS 28 STATE COM #004H				
		3. Well Number: 004H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:P Lot:P Section:28 Township:23S Range:26E Feet from:175 N/S Line:S Feet from:660 E/W Line:E				
		5. Bottom Hole Location: Unit:P Lot:P Section:28 Township:23S Range:26E Feet from:175 N/S Line:S Feet from:660 E/W Line:E				
		6. Latitude: 32.2684263976067 longitude: -104.291838131602				
		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: 2/24/2015 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 98056		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 6,609 ft		16. Total Volume of Fluid Pumped: 4,915,274 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)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	85.0151443%
FE Acid > 10%	Halliburton	Solvent	Hydrochloric Acid	7647-01-0	100%	0.9128367%
Premium Brown - 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	13.7005548%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.0050943%
Cla-Web(TM)	Halliburton	Additive	Ammonium salt	Confidential	60%	0.0262383%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.0229109%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.0010272%
			Potassium metaborate	13709-94-9	60%	0.0123267%
SandWedge(R) NT	Halliburton	Conductivity Enhancer	Dipropylene glycol monomethyl ether	34590-94-8	60%	0.0182426%
			Heavy aromatic petroleum naphtha	64742-94-5	10%	0.0030404%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.0112017%
LOSURF-360W	Halliburton	Surfactant	Complex alkylamine	Confidential	5%	0.0041443%
			Glycerine	56-81-5	10%	0.0082886%
			Poly(oxy-1,2-ethanediyl), a-isodecyl-?-hydroxy-	61827-42-7	30%	0.0248658%
OptiKleen-WF(TM)	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.0044485%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.0003318%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.0049773%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Crystalline silica, quartz	14808-60-7	30%	0.0014932%
Ingredients Listed Below This Line Are Part of the			Guar gum	9000-30-0	100%	0.0916386%
			Acrylate polymer	Confidential	0%	0.0381848%
			Alcohols ethoxylated	Confidential	0%	0.1866947%
			Alkane	Confidential	0%	0.0828861%
			Amide	Confidential	0%	0.1866947%
			Amine salts	Confidential	0%	0.0043731%
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			Ammonium chloride	12125-02-9	0%	0.1866947%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0.458193%
			Borate salts	Confidential	0%	2.2910895%
			Crystalline silica, quartz	14808-60-7	0%	0.0129823%
			Cured acrylic resin	Confidential	0%	0.1493195%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0.0008289%
			Hydrogen peroxide	7722-84-1	0%	0.0008289%
			Methanol	67-56-1	0%	0.0304043%
			Naphthalene	91-20-3	0%	0.000304%
			Nitrotriacetic acid, trisodium salt monohydrate	5064-31-3	0%	0.0008289%
			Polyacrylamide copolymer	Confidential	0%	1.1201679%
			Quaternary amine	Confidential	0%	0.2186527%
			Quaternary amine	Confidential	0%	0.0437305%
			Quaternary amine	Confidential	0%	0.0043731%
			Quaternary ammonium compound	Confidential	0%	0.3040426%
			Silica gel	112926-00-8	0%	0.0916386%
			Sodium bicarbonate	144-55-8	0%	0.0008289%
			Sodium carboxymethyl cellulose	9004-32-4	0%	0.0381848%
			Sodium chloride	7647-14-5	0%	0.4605131%
			Sodium glycolate	2836-32-0	0%	0.0390137%
			Sodium hydroxide	1310-73-2	0%	0.0008289%
			Sodium sulfate	7757-82-6	0%	3.32E-05%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0.0373389%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0.0373389%
			Surfactant mixture	Confidential	0%	0.0916386%
			Surfactant mixture	Confidential	0%	0.0916386%
			Water	7732-18-5	0%	17.2594905%
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: Sara Cook		Title: Regulatory Associate		
Date: 3/23/2015						
E-mail Address: sara.cook@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.