

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				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO: 30-015-42552				
		2. Well Name: APACHE 24 FEDERAL #013H				
		3. Well Number: 013H				
		4. Surface Hole Location: Unit:P Lot:P Section:24 Township:22S Range:30E Feet from:970 N/S Line:S Feet from:330 E/W Line:E				
5. Bottom Hole Location: Unit:P Lot:P Section:24 Township:22S Range:30E Feet from:970 N/S Line:S Feet from:330 E/W Line:E						
6. latitude: 32.3729706 longitude: -103.8266602						
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: 6/6/2015 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 40295		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 9,798 ft		16. Total Volume of Fluid Pumped: 9,413,451 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%	87.05479%
BA-20 BUFFERING AGENT, BE-9, CL-22 UC, CL-31 CROSS	Halliburton	Additive, Biocide, Breaker, Buffer, Concentrate, Crosslinker, Defoamer, Gelling Agent, pH Control Ad	NA	NA	0%	0%
SAND-PREMIUM WHITE-30/50, BULK, SP BREAKER, WG-36	Halliburton		NA	NA	0%	0%
FR-86	Halliburton	Friction Reducer	NA	NA	0%	0%
			Acetic acid	64-19-7	30%	0.00101%
			Acrylate polymer	Confidential	1%	0.00037%
			Alkane	Confidential	1%	0.00085%
			Alkenes	Confidential	100%	0.00273%
			Amine salts	Confidential	0.1%	9E-05%
			Ammonium acetate	631-61-8	100%	0.00337%
			Ammonium persulfate	7727-54-0	100%	0.00375%
			Ammonium salt	Confidential	60%	0.02707%
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	5%	0.00378%
			Borate salts	Confidential	60%	0.02203%
			Complex alkylamine	Confidential	5%	0.00425%
			Crystalline silica, quartz	14808-60-7	100%	12.51117%
			Crystalline Silica, Quartz	14808-60-7	0.1%	8E-05%
			Cured acrylic resin	Confidential	30%	0.00112%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0.01%	1E-05%
			Glycerine	56-81-5	10%	0.00849%
			Guar gum	9000-30-0	100%	0.07565%
			Hydrogen peroxide	7722-84-1	0.01%	1E-05%
			Nitrotriactic acid, trisodium salt monohydrate	5064-31-3	0.01%	1E-05%
			Paraffinic solvent	Confidential	100%	0.00247%
			Placeholder	NA	100%	0.01793%
			Poly(oxy-1,2-ethanediyl), alpha -isodecyl- omega -hydroxy-	61827-42-7	30%	0.02547%
			Polypropylene glycol	25322-69-4	30%	0.00082%
			Potassium formate	590-29-4	60%	0.02203%
			Potassium hydroxide	1310-58-3	5%	0.00055%
			Potassium metaborate	13709-94-9	60%	0.0066%
			Quaternary amine	Confidential	5%	0.00275%
			Silica gel	112926-00-8	1%	0.00076%
			Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	30%	0.00082%
			Sodium bicarbonate	144-55-8	100%	0.00023%
			Sodium carboxymethyl cellulose	9004-32-4	1%	0.00037%
			Sodium chloride	7647-14-5	5%	0.00274%
			Sodium glycolate	2836-32-0	1%	0.00038%
			Sodium hydroxide	1310-73-2	30%	0.0034%
			Sodium perborate tetrahydrate	10486-00-7	100%	0.00195%
			Sodium persulfate	7775-27-1	100%	0.00072%
			Sodium sulfate	7757-82-6	0.1%	0%
			Surfactant mixture	Confidential	1%	0.00151%
			Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00418%
			Water	7732-18-5	100%	0.1837%
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: 4/12/2016						
E-mail Address: rebecca.deal@dmn.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.