

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: 30-025-42431				
		2. Well Name: THISTLE UNIT #026H				
		3. Well Number: 026H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:22 Township:23S Range:33E Feet from:100 N/S Line:S Feet from:802 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section:22 Township:23S Range:33E Feet from:100 N/S Line:S Feet from:802 E/W Line:W				
		6. latitude: 32.28322258 longitude: -103.56662343				
		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: 8/10/2015 Frac Performed by: Schlumberger		12. Production Type: O				
13. Pool Code(s): 96724		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 8,981 ft		16. Total Volume of Fluid Pumped: 44,744,668 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)
Slickwater, HCL 15%, YF100FlexD	Schlumberger	Acid Corrosion Inhibitor, Surfactant, Acid, Breaker, Gelling Agent, Crosslinker, Friction Reducer, I	Water (Including Mix Water Supplied by Client)*	NA	0%	84.93927%
			2-hydroxy-N,N,N-trimethylethanaminium chloride	67-48-1	0.4853%	0.07309%
			Propan-2-ol	67-63-0	0.00323%	0.00049%
			2-Propenamid (impurity)	79-06-1	0.00033%	5E-05%
			Cinnamaldehyde	104-55-2	0.00037%	6E-05%
			Ethylene Glycol	107-21-1	0.21671%	0.03264%
			Fumaric acid	110-17-8	0.00984%	0.00148%
			Glutaraldehyde	111-30-8	0.2038%	0.03069%
			Sodium sulfocyanate	540-72-7	0.00191%	0.00029%
			Sodium hydroxide	1310-73-2	0.03202%	0.00482%
			Boronatrocacilite	1319-33-1	0.37432%	0.05638%
			Sodium tetraborate	1330-43-4	0.03152%	0.00475%
			Sorbitan monooleate	1338-43-8	0.00736%	0.00111%
			Decyl-dimethyl amine oxide	2605-79-0	0.00167%	0.00025%
			Sodium erythorbate	6381-77-7	0.00445%	0.00067%
			Non-crystalline silica (impurity)	7631-86-9	0.00198%	0.0003%
			Hydrochloric acid	7647-01-0	0.72878%	0.10976%
			Monosodium fumarate	7704-73-6	0.00984%	0.00148%
			Diammonium peroxidisulphate	7727-54-0	0.08732%	0.01315%
			Guar gum	9000-30-0	0.78817%	0.1187%
			poly(tetrafluoroethylene) ether	9002-84-0	7E-05%	1E-05%
			Dodecyl poly(oxyethylene) ether	9002-92-0	5E-05%	1E-05%
			Ethoxylated oleic acid	9004-96-0	0.00736%	0.00111%
			Boric acid	10043-35-3	0.00985%	0.00148%
			2-Propenoic acid, ammonium salt	10604-69-0	0.0018%	0.00027%
			Ammonium chloride	12125-02-9	0.03679%	0.00554%
			Magnesium silicate hydrate (talc)	14807-96-6	0.00017%	3E-05%
			Quartz, Crystalline silica	14808-60-7	96.78204%	14.57608%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.00548%	0.00083%
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0.05886%	0.00886%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00057%	9E-05%
			2-Ethylhexanol ethoxylate	26468-86-0	0.05162%	0.00777%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	3E-05%	0%
			Sorbitol Tetraoleate	61723-83-9	0.00221%	0.00033%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00203%	0.00031%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.00011%	2E-05%
			Distillates, petroleum, hydrotreated light	64742-47-8	0.07725%	0.01163%
			Alcohols, C10-C16, ethoxylated	68002-97-1	0.00147%	0.00022%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00102%	0.00015%
			Alcohols, C12-C14, ethoxylated	68439-50-9	0.0011%	0.00017%
Alcohols, C12-C16, ethoxylated	68551-12-2	0.00196%	0.00029%			
C14 alpha olefin ethoxylate	84133-50-6	0.0011%	0.00017%			
Diutan gum	125005-87-0	0.00049%	7E-05%			
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: 3/16/2016						
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.