

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: 30-025-41466				
		2. Well Name: THISTLE UNIT #062H				
		3. Well Number: 062H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:O Lot:O Section:22 Township:23S Range:33E Feet from:450 N/S Line:S E/W Line:E Feet from:2250				
		5. Bottom Hole Location: Unit:O Lot:O Section:22 Township:23S Range:33E Feet from:450 N/S Line:S E/W Line:E Feet from:2250				
		6. Iatitude: 32.2842009068089 longitude: -103.558964407549				
		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: 9/24/2014 Frac Performed by: Cudd Pumping Svcs		12. Production Type: O				
13. Pool Code(s): 59900		14. Gross Fractured Interval: 11,280 ft to 15,694 ft				
15. True Vertical Depth (TVD): 11,096 ft		16. Total Volume of Fluid Pumped: 7,662,577 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)
Water	Operator	Base Fluid	Water	7732-18-5	100%	84.1468821%
Sand	Cudd Pumping Svcs	Proppant	Silicon Dioxide	14808-60-7	100%	12.6434155%
Super DC/LC TLC/THS Opti RCS	Santrol	Proppant	Silicon Dioxide	14808-60-7	97%	1.8568655%
			P/F Novolak Resin	9003-35-4	5%	0.0957147%
			Hexamethylenetetramine	1009-7-0	1%	0.0191429%
B-15	Water Science Tech	Biocide	Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	20%	0.0022408%
BF-200	ASK	Buffer	Water	7732-18-5	80%	0.008963%
			Potassium Hydroxide	1310-58-3	25%	0.0180304%
FR-601	SNF	Friction Reducer	Water	7732-18-5	80%	0.0576974%
			Copolymer of acrylamide and sodium acrylate	25987-30-8	100%	0.1064391%
			Isoparaffinic Solvent	64742-47-8	100%	0.1064391%
			Water	7732-18-5	100%	0.1064391%
			Nonylphenol	9016-45-9	100%	0.1064391%
			Sorbitan Monooleate	1338-43-8	100%	0.1064391%
			15% Hydrochloric Acid	Reagent	Scale Dissolver	37% Hydrochloric Acid
I-122	Chemplex, L.C.	Acid Corrosion Inhibitor	Water	7732-18-5	85%	0.561873%
			Methanol	67-56-1	40%	0.0002115%
			Propargyl alcohol	107-19-7	8%	4.23E-05%
			Alcohol Ethoxylate Surfactants	Proprietary	30%	0.0001587%
			n-olefins	Proprietary	10%	5.29E-05%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.0001587%
			SG-15G	PFP Technology	Polymer	Guar Gum
Petroleum Distillate (Mineral Oil)	64742-47-8	55%				0.1628043%
Bentonite Clay	14808-60-7	2%				0.0059202%
Surfactant	68439-51-0	2%				0.0059202%
CX-14G	Benchmark	Crosslinker	Petroleum Distillates	Proprietary	100%	0.0454767%
			Organic alcohol	Proprietary	100%	0.0454767%
GB-2	Fritz Industries, Inc.	Breaker	Ammonium Persulfate	7727-54-0	100%	0.0011601%
NE-217	Chemplex, L.C.	Non-emulsifier	Methanol	67-56-1	50%	0.0002722%
NE-227	CESI	Non-emulsifier	Isopropanol	67-63-0	15%	0.0067379%
			Methanol	67-56-1	15%	0.0067379%
			Ethoxylated Nonylphenol	9016-45-9	20%	0.0089839%
FE-4	Chemplex, L.C.	Iron Control Additive	Citric Acid Anhydrous	77-92-9	55%	0.0020011%
			Water	7732-18-5	55%	0.0020011%
			Methanol	67-56-1	50%	0.0106827%
Superset W	Santrol	Resin Activator	Poly(oxyethylene) nonylphenol ether	9016-45-9	54%	0.0115373%
GB-210	Reef	Polyacrylamide Breaker	CS-210PB	Proprietary	100%	0.0217467%
Parasorb 5000	Baker Hughes	Paraffin Inhibitor	Diatomaceous earth, calcined	91053-39-3	60%	0.0055369%
			Mineral Oil	8042-47-5	30%	0.0027685%
			Crystalline silica: Quartz (SiO2)	14808-60-7	1%	9.23E-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: Sara Cook Title: Regulatory Associate						
Date: 5/14/2015						
E-mail Address: sara.cook@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.