

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 February 15, 2012				
		1. WELL API NO. 30-015-41159				
		2. Well Name: AQUILA 22 FED COM #004H				
		3. Well Number: 004H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: I Lot: I Section: 22 Township: 19S Range: 31E Feet from: 2030 N/S Line: S Feet from: 225 E/W Line: E				
		5. Bottom Hole Location: Unit: I Lot: I Section: 22 Township: 19S Range: 31E Feet from: 2030 N/S Line: S Feet from: 225 E/W Line: E				
		6. Latitude: 32.6442938790538 Longitude: - 103.849275635804				
		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: 8/29/2013 Frac Performed by: Weatherford				12. Production Type: O		
13. Pool Code(s): 41480				14. Gross Fractured Interval: Confidential		
15. True Vertical Depth (TVD): 9,094 ft				16. Total Volume of Fluid Pumped: 2,434,750 gals		
17. 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	Devon	Carrier/Base Fluid	Water	7732-18-5	100%	83.87423%
Sand (Proppant)	US Silica	Proppant	Silica Substrate	14808-60-7	100%	11.35706%
RCS (Proppant)	Momentive	Proppant	Silica Substrate	14808-60-7	100%	2.12947%
Hydrochloric Acid (15%)	CNR	Acidizing	Hydrochloric Acid	7647-01-0	38.8%	0.61074%
Claymax	Chemplex	Clay Stabilizer	Choline Chloride	67-48-1	62%	0.05534%
Ferriplex 66	Chemplex	Iron Control	Acetic Acid	64-19-7	50%	0.00413%
Plexcide 24B	Chemplex	Biocide	Citric Acid	77-92-9	30%	0.00248%
			Tetrahydro-3,Dimethyl-2H	533-74-4	24%	0.00585%
Plexhib 256	Chemplex	Corrosion Inhibitor	Sodium Hydroxide	1310-73-2	12%	0.00292%
			Methyl Alcohol	67-56-1	70%	0.00186%
			Propargyl Alcohol	107-19-7	8%	0.00021%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.0008%
			Alcohol Ethoxylate surfactants	Proprietary	30%	0.0008%
Plexset 730	Chemplex	Activator	n-olefins	Proprietary	10%	0.00027%
			Secondary Alcohol Ethoxylate	84133-50-6	50%	0.01109%
Plexsurf 240 E	Chemplex	Surfactant	Methyl Alcohol	67-56-1	50%	0.01109%
			Methyl Alcohol	67-56-1	20%	0.00825%
Plexsurf 580 ME	Chemplex	Surfactant	Alcohol Ethoxylate surfactants	Proprietary	20%	0.00825%
			Methyl Alcohol	67-56-1	10%	0%
Plexslick 953	Chemplex	Friction Reducer	2-Butoxyethanol	111-76-2	50%	0%
			Alcohol Ethoxylate Surfactants	Proprietary	8%	0.0008%
AMA 398	Chemplex	Biocide	Hydrotreated Petroleum Distillate	64742-47-8	30%	0.003%
			Polyacrylamide-co-Acrylic Acid	9003-06-9	31%	0.0031%
			Tetrahydro-3,Dimethyl-2H	533-74-4	98%	0%
Plexgel 907 LE	Chemplex	Polymer	Guar Gum	9000-30-0	50%	0.31838%
			Mineral Oil	64742-47-8	55%	0.35022%
			Bentonite Clay	14808-60-7	2%	0.01274%
			Surfactant	68439-51-0	2%	0.01274%
Plexbor 101	Chemplex	Crosslinker	Ethylene Glycol	107-21-1	9.99%	0.01162%
			Potssium Metaborate	13709-94-9	30%	0.03488%
			Potassium Hydroxide	1310-58-3	5%	0.00581%
			Mannanase Enzymes	Proprietary	2%	0.00078%
Plexgel Breaker 10L	Chemplex	Gel Breaker	Sodium Chloride	7647-14-5	15%	0.00587%
			Sodium Persulfate	7775-27-1	98%	0.07355%
Sodium Persulfate	Chemplex	Gel Breaker	Sodium Persulfate	7775-27-1	98%	0.07355%
18. 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: Derek Berg Title: Engineering Technician						
Date: 10/9/2013						
E-mail Address: derek.berg@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.