

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 8, 2013				
		1. WELL API NO: 30-015-43222				
		2. Well Name: SHIRE 22 FEDERAL #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: O Lot: O Section: 15 Township: 25S Range: 31E Feet from: 14 N/S Line: S Feet from: 1670 E/W Line: E				
		5. Bottom Hole Location: Unit: O Lot: O Section: 15 Township: 25S Range: 31E Feet from: 14 N/S Line: S Feet from: 1670 E/W Line: E				
		6. latitude: 32.1231375 longitude: -103.7626855				
		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: 8/6/2016 Frac Performed by: Schlumberger		12. Production Type: O				
13. Pool Code(s): 96641		14. Gross Fractured Interval: 10,656 ft to 14,638 ft				
15. True Vertical Depth (TVD): 10,408 ft		16. Total Volume of Fluid Pumped: 3,587,967 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	Schlumberger	Acid Corrosion Inhibitor, Gelling Agent, Water Gelling Agent, AntiFoam Agent, Surfactant, Acid, Brea	Water (Including Mix Water Supplied by Client)*	7732-18-5	0%	84.35921%
			Aliphatic alcohol	Proprietary	2E-05%	1E-05%
			Brominated Diol	Proprietary	1E-05%	1E-05%
			Dodecyl phosphate potassium salt	Proprietary	0.00037%	6E-05%
			Polyethylene-polypropylene glycol methyl ether oleate	Proprietary	0.00054%	9E-05%
			Synthetic organic polymer	Proprietary	0.67174%	0.10507%
			Sorbitol	50-70-4	0.00054%	8E-05%
			Urea	57-13-6	0.00124%	0.00019%
			Tetrasodium ethylenediaminetetraacetate	GeDeral	3E-05%	1E-05%
			Acetic acid	64-19-7	0.06674%	0.01044%
			Propan-2-ol	67-63-0	0.01413%	0.00221%
			2-Propenamid (impurity)	GeDeral	6E-05%	1E-05%
			Cinnamaldehyde	104-55-2	0.00014%	2E-05%
			Glutaraldehyde	111-30-8	0.09501%	0.01486%
			Dodecamethylcyclotetrasiloxane	540-97-6	1E-05%	1E-05%
			Decamethyl cyclopentasiloxane	GeDeral	1E-05%	1E-05%
			Octamethylcyclotetrasiloxane	556-67-2	1E-05%	1E-05%
			Sodium erythorbate	6381-77-7	0.00034%	5E-05%
			Silicon Dioxide	7631-86-9	0.00163%	0.00025%
			Hydrochloric acid	7647-01-0	0.10904%	0.01705%
			Phosphoric acid	7664-38-2	1E-05%	1E-05%
			Diammonium peroxodisulphate	7727-54-0	0.04068%	0.00636%
			Sodium sulfate	7757-82-6	0.00029%	5E-05%
			Copper(II) sulfate	7758-98-7	1E-05%	1E-05%
			Ammonium sulfate	7783-20-2	0.02555%	0.004%
			Guar gum	9000-30-0	0.50561%	0.07908%
			poly(tetrafluoroethylene)	9002-84-0	9E-05%	1E-05%
			Dodecyl poly(oxyethylene) ether	9002-92-0	2E-05%	1E-05%
			1,4-Benzenedicarboxylic acid polymer with 1,2-ethanediol and a-hydro-w-hydroxypoly (oxy-1,2-ethanediyl)	9016-88-0	0.00052%	8E-05%
			C13 alcohol ethoxylate	9043-30-5	1E-05%	1E-05%
			Magnesium silicate hydrate (talc)	14807-96-6	0.00027%	4E-05%
			Quartz, Crystalline silica	14808-60-7	98.38892%	15.38881%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.00678%	0.00106%
			Polypropylene glycol	25322-69-4	0.00386%	0.0006%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00021%	3E-05%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	1E-05%	1E-05%
			Polyethylene glycol monohexyl ether	31726-34-8	0.03294%	0.00515%
			Acrylamide, 2-acrylamido-2-methylpropanesulfonic acid, sodium salt polymer	38193-60-1	0.01886%	0.00295%
			Amines, dicoco alkylmethyl	61788-62-3	0.00027%	4E-05%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00274%	0.00043%
			Amines, tallow alkyl, ethoxylated	61791-26-2	4E-05%	1E-05%
			Dimethyl siloxanes and silicones	63148-62-9	0.00467%	0.00073%
			Distillates, petroleum, hydrotreated light	64742-47-8	0.00217%	0.00034%
			Alcohols, C12-13, ethoxylated	66455-14-9	2E-05%	1E-05%
			Siloxanes and silicones, dimethyl, reaction products with silica	67762-90-7	1E-05%	1E-05%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00037%	6E-05%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00031%	5E-05%
			Bis(hydrogenated tallow alkyl) dimethylammonium bentonite	68953-58-2	9E-05%	1E-05%
			Silica, amorphous, fumed, crystal free	112945-52-5	0.00141%	0.00022%
			Polymer of 2-acrylamido-2-methylpropanesulfonic acid sodium salt and methyl acrylate	136793-29-8	0.00202%	0.00032%
† Proprietary Technology					0%	0%
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: Linda Good		Regulatory Compliance Title: Professional		
Date: 10/14/2016						
E-mail Address: linda.good@dvn.com						

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