

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. 30-015-39727				
		2. Well Name: SOFTSHELL 22 FEDERAL #001				
		3. Well Number: 001				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:B Lot:B Section:22 Township:25S Range:31E Feet from:330 N/S Line:N Feet from:1660 E/W Line:E				
		5. Bottom Hole Location: Unit:B Lot:B Section:22 Township:25S Range:31E Feet from:330 N/S Line:N Feet from:1660 E/W Line:E				
		6. Latitude: 32.1222116896985 longitude: -103.762734704167				
		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: 4/17/2012 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 96654		14. Gross Fractured Interval: 9,323 ft to 13,681 ft				
15. True Vertical Depth (TVD): 9,089 ft		16. Total Volume of Fluid Pumped: 90,275 bbls				
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	Operator	Carrier	Water	7732-18-5	100%	89.37459%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.10044%
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00696%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	60%	0.00237%
			Crystalline Silica Quartz	14808-60-7	30%	0.00119%
GBW-18	Baker Hughes	Breaker	Sodium Persulfate	7775-27-1	100%	0.00182%
Clay Master-5C	Baker Hughes	Clay Control	Oxyakylated Amine Quat	138879-94-4	60%	0.00043%
Cl-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00069%
			Methanol	67-56-1	60%	0.00137%
			Olefin	Trade Secret	5%	0.00011%
			Polyoxyalkylenes	Trade Secret	30%	0.00069%
XLW-10A	Baker Hughes	Crosslinker	Propargyl Alcohol	107-19-7	10%	0.00023%
			Ethylene Glycol	107-21-1	30%	0.02912%
			Sodium Hydroxide	1310-73-2	10%	0.00971%
			Sodium Tetraborate	1330-43-4	30%	0.02912%
FRW-14 (Small Tote)	Baker Hughes	Friction Reducer	No Hazardous Ingredients	N.A.	100%	0.02427%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	40%	0.10246%
			Petroleum Distillates Blend	Trade Secret	70%	0.1793%
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	50%	0.00064%
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	21.1%	0.00027%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00527%
			Ammonium Hydroxide	1336-21-6	5%	0.00026%
			Cupric Chloride	7447-39-4	5%	0.00026%
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	0.00011%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	5.93511%
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.43783%
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.23556%
Scaletrol 720	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00051%
			Ethylene Glycol	107-21-1	30%	0.00305%
ScaleSorb 3, (50# bag)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.0036%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00012%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01202%
			Phosphonic Acid	13598-36-2	1%	0.00012%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.00985%
S-150	Baker Hughes	Surfactant	Isopropanol	67-63-0	5%	0.00375%
			Methanol	67-56-1	60%	0.04497%
Flo-Back Prime (tote)	Baker Hughes	Surfactant	Essential Oils	Trade Secret	60%	0.00073%
			Isopropanol	67-63-0	30%	0.00037%
Ingredients shown above are subject to 29 CFR 1910			1,2,3-Trimethylbenzene	526-73-8	0%	1.5E-05%
			1,2,4-Trimethylbenzene	95-63-6	0%	7.49E-05%
			1,3,5-Trimethylbenzene	108-67-8	0%	2.25E-05%
			Alcohols, C12-14, Ethoxylated Propoxylated	68439-51-0	0%	0.0128071%
			Aliphatic Hydrocarbon	Trade Secret	0%	0.0056558%
			Alkoxyated Amine	Trade Secret	0%	0.0002164%
			Alkyl Sulfate	142-31-4	0%	4.5E-05%
				142-87-0	0%	3E-05%
				2207-98-9	0%	7.5E-06%
			Alkylaryl Sulfonate	68584-27-0	0%	7.5E-06%
			Alkyene Oxide Block Polymer	Trade Secret	0%	0.0002467%
			Ammonium Alkyl Ether Sulfate	Trade Secret	0%	0.0002248%
			Ammonium Alkyl Sulfate	Trade Secret	0%	0.0001574%
			Antifoam	Trade Secret	0%	4E-07%
			Citrus Terpenes	94266-47-4	0%	0.0007335%
			Crystalline Silica, Quartz	14808-60-7	0%	0.0128071%
			Cumene	98-82-8	0%	7.5E-06%
			Cured Acrylic Resin	Trade Secret	0%	0.0011874%
			Ethylene Glycol	107-21-1	0%	7.5E-06%
			Fatty Acid Esters	67701-32-0	0%	2.42E-05%
			Fatty Acid	70142-34-6	0%	2.5E-06%
			Oxyalkylate	70851-08-0	0%	1.5E-05%
			Fatty Amide Derivative			
			Formaldehyde	50-00-0	0%	1.89E-05%
			Isotridecanol, Ethoxylated (TDA-6)	9043-30-5	0%	0.0128071%
			Isotridecanol, Ethoxylated (TDA-9)	9043-30-5	0%	0.0128071%
			Light Aromatic Naphtha	64742-95-6	0%	0.0001199%
			Methanol	67-56-1	0%	5.8E-05%
			Modified Thiourea Polymer	68527-49-1	0%	0.0002518%
			Naphthalene	91-20-3	0%	7.5E-06%
			Organic Polyol	112-27-6	0%	0.0001222%
			Organic Sulfonic Acid	27176-87-0	0%	4.3E-06%
			Oxyalkylated Alcohol	68439-45-2	0%	0.0001499%
				Trade Secret	0%	0.0004444%
			Oxyalkylated Alkylphenol	63428-92-2	0%	0.0007494%
				9016-45-9	0%	2.29E-05%
			Polyacrylate	Trade Secret	0%	0.0020365%
			Polyglycol	25322-68-3	0%	4.11E-05%
			Polyglycol Ester	Trade Secret	0%	0.0001942%
			Polyol Ester	Trade Secret	0%	0.000267%
			Polyquaternary Amine	Trade Secret	0%	2.6E-05%
			Potassium Chloride	7447-40-7	0%	5.1E-06%
			Potassium Hydroxide	1310-58-3	0%	7.5E-06%
			Quaternary Ammonium Compounds bis [Hydrogenated Tallow Alkyl] Dimethyl Salts With Bentonite	68953-58-2	0%	0.0128071%
			Sodium Chloride	7647-14-5	0%	0.0011838%
			Sodium Sulfate	7757-82-6	0%	1.5E-05%
			Sodium Sulfonate	68439-57-6	0%	0.000667%
			Surfactants	Trade Secret	0%	0.0008557%
			Vinyl Copolymer	Trade Secret	0%	0.0066996%
			Water	7732-18-5	0%	0.1152498%
Xylene	1330-20-7	0%	1.51E-05%			
diester of sulfosuccinic acid sodium salt	2673-22-5	0%	6.4E-06%			
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: 11/6/2012						
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.