

**State of New Mexico
Energy, Minerals and
Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

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. 30-015-38478				
		2. Well Name: SIRIUS 17 FEDERAL #004H				
		3. Well Number: 004H				
HYDRAULIC FRACTURING FLUID DISCLOSURE		4. Surface Hole Location: Unit:M Lot:M Section:17 Township:19S Range:31E Feet from:450 N/S Line:S Feet from:340 E/W Line:W				
☒ Original		5. Bottom Hole Location: Unit:M Lot:M Section:17 Township:19S Range:31E Feet from:450 N/S Line:S Feet from:340 E/W Line:W				
☐ Amendment		6. latitude: longitude: 32.6543959156487 - 103.898984273428				
		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: 2/13/2012 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 97020		14. Gross Fractured Interval: 9,100 ft to 13,143 ft				
15. True Vertical Depth (TVD): 8,866 ft		16. Total Volume of Fluid Pumped: 29,978 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%	84.81012%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.04686%
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	7732-18-5	92.5%	0.57795%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00194%
High Perm CRB	Baker Hughes	Breaker	Water	7732-18-5	97%	0.06266%
			Ammonium Persulfate	7727-54-0	60%	0.00291%
			Crystalline Silica Quartz	14808-60-7	30%	0.00145%
GBW-18	Baker Hughes	Breaker	Sodium Persulfate	7775-27-1	100%	0.00124%
GBW-33D	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	Trade Secret	100%	0.00035%
BC-3	Baker Hughes	Breaker Catalyst	No Hazardous Ingredients	Trade Secret	100%	0.00634%
BF-9L, 55 gal drum	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.0704%
			Potassium Hydroxide	1310-58-3	30%	0.0352%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.06746%
			Water	7732-18-5	30%	0.02699%
Clay Master-5C	Baker Hughes	Clay Control	Oxyalkylated Amine Quat	138879-94-4	60%	0.00019%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00029%
			Methanol	67-56-1	60%	0.00058%
			Olefin	Trade Secret	5%	5E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00029%
			Propargyl Alcohol	107-19-7	10%	0.0001%
XLW-4	Baker Hughes	Crosslinker	Sodium Borate Decahydrate	1303-96-4	30%	0.0107%
XLW-30G, tote	Baker Hughes	Crosslinker	Borate Suspension	Trade Secret	99.8%	0.06012%
			Crystalline Silica Quartz	14808-60-7	0.2%	0.00012%
FRW-14 (Small Tote)	Baker Hughes	Friction Reducer	No Hazardous Ingredients	N.A.	100%	0.01214%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	40%	0.23478%
			Petroleum Distillates Blend	Trade Secret	70%	0.41087%
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	60%	0.00035%
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	30%	0.00017%
			Nonylphenol Ethoxylate	64742-46-7	5%	3E-05%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00178%
			Ammonium Hydroxide	1336-21-6	5%	9E-05%
			Cupric Chloride	7447-39-4	5%	9E-05%
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	0.00402%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.02234%
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.40895%
Super LC, 20/40	Baker Hughes	Proppant	Hexamethylenetetramine	1009-7-0	0.01%	0.0003%
			P/F Resin	9003-35-4	5%	0.14954%
			Silicon Dioxide (Silica Sand)	14808-60-7	97%	2.90103%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.01079%
InFlo 250W	Baker Hughes	Surfactant	2-Butoxyethanol	111-76-2	5%	0.00228%
			Methanol	67-56-1	30%	0.0137%
			Surfactants	Trade Secret	80%	0.03654%
Additional Ingredients			85% Phosphoric Acid, FG	10361-65-6	0%	0%
			Acetyl Triethyl Citrate	77-89-4	0%	0%
			Aliphatic Hydrocarbon	Trade Secret	0%	0%
			Alkoxylated Amine	Trade Secret	0%	0%
			Alkylene Oxide Block Polymer	Trade Secret	0%	0%
			Antifoam	Trade Secret	0%	0%
			Boric Acid	10043-35-3	0%	0%
			Calcium Carbonate	471-34-1	0%	0%
			Calcium Chloride	10043-52-4	0%	0%
			Corn Meal	N.A.	0%	0%
			Crystalline Silica	14808-60-7	0%	0%