

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. 30-015-32720							
		2. Well Name: APACHE 25 FEDERAL #005							
		3. Well Number: 005							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: Lot: Section:25 Township:22S Range:30E Feet from:1980 N/S Line:S Feet from:330 E/W Line:E							
		5. Bottom Hole Location: Unit: Lot: Section:25 Township:22S Range:30E Feet from:1980 N/S Line:S Feet from:330 E/W Line:E							
		6. Latitude: 32.3612387881185 longitude: - 103.826683437793							
		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: 4/13/2012 Frac Performed by: Baker Hughes				12. Production Type: O					
13. Pool Code(s): 96336				14. Gross Fractured Interval: 7,294 ft to 7,334 ft					
15. True Vertical Depth (TVD): 7,364 ft				16. Total Volume of Fluid Pumped: 1,149 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%	82.13795%			
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.29602%			
X-Cide 207	Baker Hughes	Biocide	Water	7732-18-5	92.5%	3.65096%			
			2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	0.00021%			
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	0.00043%			
			Crystalline Silica: Cristobalite	14464-46-1	1%	4E-05%			
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	4E-05%			
			Diatomaceous Earth, Calcined	91053-39-3	60%	0.00257%			
			Magnesium Chloride	7786-30-3	5%	0.00021%			
			Magnesium Nitrate	10377-60-3	10%	0.00043%			
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00199%			
			Water	7732-18-5	97%	0.06439%			
GBW-33D	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	Trade Secret	100%	0.01021%			
BF-9L, 55 gal drum	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.04804%			
			Potassium Hydroxide	1310-58-3	30%	0.02402%			
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.02646%			
			Water	7732-18-5	30%	0.01058%			
Clay Master-5C	Baker Hughes	Clay Control	Oxyakylated Amine Quat	138879-94-4	60%	0.0012%			
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	61790-12-3	10%	0.00059%			
			Methanol	67-56-1	100%	0.00593%			
			Olefin	64743-02-8	5%	0.0003%			
			Polyoxyalkylenes	68951-67-7	30%	0.00178%			
			Propargyl Alcohol	107-19-7	5%	0.0003%			
XLW-24	Baker Hughes	Crosslinker	Glyoxal	107-22-2	10%	0.01182%			
			Sodium Tetraborate	1303-96-4	30%	0.03547%			
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	40%	0.26304%			
			Petroleum Distillates Blend	Trade Secret	70%	0.46032%			
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	60%	0.00221%			
			Distillates, Petroleum, Hydroreated Middle	64742-47-8	30%	0.0011%			
			Nonylphenol Ethoxylate	64742-46-7	5%	0.00018%			
Ferotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.01874%			
			Ammonium Hydroxide	1336-21-6	5%	0.00094%			
			Cupric Chloride	7447-39-4	5%	0.00094%			
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	0.0046%			
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	7.84705%			
SiberProp, 16/30	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	4.67067%			
Techni-Hib 756	Baker Hughes	Salt Inhibitor	Hydrochloric Acid	7647-01-0	5%	0.01157%			
			Phosphoric Acid	7664-38-2	2%	0.00463%			
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.01072%			
			Mixture of Surfactants	Trade Secret	50%	0.01787%			
			Water	7732-18-5	30%	0.01072%			
			85% Phosphoric Acid, FG	10361-65-6	0%	1E-06%			
Ingredients shown above are subject to 29 CFR 1910			Alcohols, C12-14, Ethoxylated Propoxylated	68439-51-0	0%	0.0328803%			
			Alkoxyated Amine	Trade Secret	0%	0.0092013%			
			Alkykene Oxide Block Polymer	Trade Secret	0%	0.0104895%			
			Antifoam	Trade Secret	0%	1.84E-05%			
			Boric Acid	10043-35-3	0%	1E-06%			
			Calcium Carbonate	471-34-1	0%	0.0007145%			
			Calcium Chloride	10043-52-4	0%	2E-06%			
			Corn Meal	N.A.	0%	0.0084717%			
			Crystalline Silica, Quartz	14808-60-7	0%	0.0328803%			
			Cupric Sulfate 5 H2O, ACS	7758-99-8	0%	1E-06%			
			D-Biotin ,USP	119616-38-5	0%	1E-06%			
			Ferric Chloride, Hexahydrate	7705-08-0	0%	1E-06%			
			Formaldehyde	50-00-0	0%	0%			
			Hydrochloric Acid	7647-01-0	0%	0%			
			Isotridecanol, Ethoxylated (TDA -6)	9043-30-5	0%	0.0328803%			
			Isotridecanol, Ethoxylated (TDA -9)	9043-30-5	0%	0.0328803%			
			Linseed Meal	8001-26-1	0%	0.0010207%			
			Magnesium Sulfate	7487-88-9	0%	1E-06%			
			Mannan Endo-1,4-B-Mannosidase	37288-54-3	0%	1.12E-05%			
			Modified Thiourea Polymer	68527-49-1	0%	0%			
			Organic Sulfonic Acid	27176-87-0	0%	0.000184%			
			Polyethylene Glycol	25322-68-3	0%	1E-06%			
			Polyglycol	25322-68-3	0%	0.0017483%			
			Polyquaternary Amine	Trade Secret	0%	0.0011042%			
			Potassium Sulfate	7778-80-5	0%	1E-06%			
			Quaternary Ammonium Compounds bis [Hydrogenated Tallow Alkyl] Dimethyl Salts With Bentonite	68953-58-2	0%	0.0328803%			
			Sodium Chloride	7647-14-5	0%	0.0003062%			
			Sodium Molybdate	7631-95-0	0%	1E-06%			
			Soy Isoflavone	486-66-8	0%	1E-06%			
			Thiamine-HCl	67-03-8	0%	1E-06%			
			Water	7732-18-5	0%	0.1450464%			
			Yeast Extract	8013-01-2	0%	1E-06%			
			Zinc Sulfate Heptahydrate	7446-19-7	0%	1E-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						
			NMOCED does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCED does not require the reporting or disclosure of proprietary, trade secret or confidential business information.						