

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: 30-015-40220						
		2. Well Name: SPICA 25 FEDERAL #003H						
		3. Well Number: 003H						
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:L Lot:L Section:25 Township:19S Range:31E Feet from:1700 N/S Line:S Feet from:340 E/W Line:W						
		5. Bottom Hole Location: Unit:L Lot:L Section:25 Township:19S Range:31E Feet from:1700 N/S Line:S Feet from:340 E/W Line:W						
		6. Latitude: longitude: 32.628893455151 - 103.830189497726						
		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: 11/2/2012 Frac Performed by: Baker Hughes		12. Production Type: O						
13. Pool Code(s): 97650		14. Gross Fractured Interval: 9,550 ft to 13,859 ft						
15. True Vertical Depth (TVD): 9,335 ft		16. Total Volume of Fluid Pumped: 74,031 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%	91.06446%		
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.08405%		
			Water	7732-18-5	85%	0.47627%		
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00723%		
GBW-5	Baker Hughes	Breaker	Ammonium Phosphate	7727-54-0	100%	0.00931%		
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.07304%		
			Water	7732-18-5	30%	0.02922%		
Clay Master-5C	Baker Hughes	Clay Control	Oxyakylated Amine Quat	138879-94-4	60%	0.00019%		
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00026%		
			Methanol	67-56-1	60%	0.00052%		
			Olefin	Trade Secret	5%	4E-05%		
			Polyoxyalkylenes	Trade Secret	30%	0.00026%		
			Propargyl Alcohol	107-19-7	10%	9E-05%		
FRW-20	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.02586%		
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	50%	0.00027%		
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	21.1%	0.00011%		
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00161%		
			Ammonium Hydroxide	1336-21-6	5%	8E-05%		
			Cupric Chloride	7447-39-4	5%	8E-05%		
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.04533%		
			Propylene Glycol	57-55-6	30%	0.0272%		
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	7.7247%		
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.27869%		
Flo-Back Prime (tote)	Baker Hughes	Surfactant	Essential Oils	Trade Secret	60%	0.00031%		
			Isopropanol	67-63-0	30%	0.00015%		
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.01219%		
			Mixture of Surfactants	Trade Secret	50%	0.02031%		
			Water	7732-18-5	30%	0.01219%		
Ingredients shown above are subject to 29 CFR 1910			Aliphatic Hydrocarbon	Trade Secret	0%	0.0200875%		
			Citrus Terpenes	94266-47-4	0%	0.0003098%		
			Fatty Acid Esters	67701-32-0	0%	1.02E-05%		
			Fatty Acid Oxyalkylate	70142-34-6	0%	1.1E-06%		
			Formaldehyde	50-00-0	0%	4.3E-06%		
			Methanol	67-56-1	0%	6.02E-05%		
			Modified Thiourea Polymer	68527-49-1	0%	9.47E-05%		
			Organic Polyol	112-27-6	0%	5.16E-05%		
			Oxyalkylated Alcohol	Trade Secret	0%	0.0017242%		
			Oxyalkylated Alkylphenol	9016-45-9	0%	9.7E-06%		
			Polyglycol Ester	Trade Secret	0%	0.0007759%		
			Polyol Ester	Trade Secret	0%	0.0009483%		
			Sodium Chloride	7647-14-5	0%	0.0035303%		
			Surfactants	Trade Secret	0%	0.0003615%		
			Vinyl Copolymer	Trade Secret	0%	0.0241395%		
			Water	7732-18-5	0%	0.0538663%		
			Xylene	1330-20-7	0%	3.2E-06%		
			diester of sulfosuccinic acid sodium salt	2673-22-5	0%	2.7E-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: 11/13/2012					
			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.