

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: 30-015-39785					
		2. Well Name: OSAGE 34 FEDERAL #003H					
		3. Well Number: 003H					
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: L Lot: L Section: 34 Township: 19S Range: 29E Feet from: 1880 N/S Line: S Feet from: 330 E/W Line: W					
		5. Bottom Hole Location: Unit: L Lot: Section: 34 Township: 19S Range: 29E Feet from: 1781 N/S Line: S Feet from: 463 E/W Line: E					
		6. Latitude: longitude: 32.6150879409633 - 104.07024444385					
		7. County: Eddy					
8. Operator Name and Address: SM ENERGY COMPANY 3300 N. A Street, Bldg. #7 Suite 200 Midland 79705		9. OGRID: 154903		10. Phone Number: 432-688-1789			
11. Last Fracture Date: 10/9/2012 Frac Performed by: SANJEL USA INC		12. Production Type: O					
13. Pool Code(s): 49622		14. Gross Fractured Interval: 8,340 ft to 12,205 ft					
15. True Vertical Depth (TVD): 8,071 ft		16. Total Volume of Fluid Pumped: 31,084 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)	
Base Fluid	Operator	Base Fluid	Water, other	None	100%	84.85662%	
					0%	0%	
Santrol Resin Coated Sand	Sanjel	Proppant	Crystalline Silica, SiO2	14808-60-7	97%	2.02204%	
			Phenol-Formaldehyde	9003-35-4	5%	0.10423%	
			Novolak Resin				
			Hexamethylenetetramine	100-97-0	1%	0.02085%	
					0%	0%	
Silica Sand	Sanjel	Proppant	Crystalline Silica, SiO2	14808-60-7	99.9%	11.08141%	
					0%	0%	
1% Breaker O	Sanjel	Break Fluid	Ammonium persulfate	7727-54-0	1%	0.00053%	
					0%	0%	
15% HCl	Sanjel	Acid	Hydrogen Chloride	7647-01-0	40%	0.47299%	
			Anhydrous		0%	0%	
AI-7	Sanjel	Acid Inhibitor	Isopropanol	67-53-0	100%	0.00311%	
			Polyoxyalkylenes	Proprietary	0%	0%	
			Fatty acids	Proprietary	0%	0%	
			Modified thiorea polymer	Proprietary	0%	0%	
			Propargyl alcohol	107-19-7	5%	0.00016%	
					0%	0%	
Antimicrobial 7287	Dow	Biocide	Polyethylene glycol	25322-68-3	54.5%	0.01182%	
			2,2-Dibromo-3-nitrilopropionamide	10222-01-2	20%	0.00434%	
			Dibromoacetoneitrile	3252-43-5	3%	0.00065%	
			Sodium bromide	7647-15-6	4%	0.00087%	
					0%	0%	
Breaker-2B	Sanjel	Break fluid	Ammonium persulfate	7727-54-0	100%	0.00322%	
			Silica, crystalline - quartz	14808-60-7	10%	0.00032%	
					0%	0%	
BX-6L	Sanjel	Borate Crosslinker	Ethylene Glycol	107-21-1	30%	0.03266%	
			Boric Acid, sodium salt	13840-56-7	10%	0.01089%	
			Sodium Hydroxide	1310-73-2	5%	0.00544%	
					0%	0%	
CAS-1	Sanjel	Surfactant - Acid Inhibitor	Cocoamidopropyl hydroxysultaine	68139-30-0	40%	0.00017%	
					0%	0%	
D-2	Sanjel	Surfactant	Sodium-2-ethylhexyl sulfate	126-92-1	60%	0.0006%	
			2-ethylhexanol	104-76-7	1.5%	2E-05%	
					0%	0%	
DF-1	Sanjel	Defoamer	No hazardous ingredients	None	100%	0.00046%	
					0%	0%	
ISA-1	Sanjel	Iron Sequestering Agent	Citric Acid	77-92-9	100%	0.00546%	
					0%	0%	
LDP-F-1710	Sanjel	High pH Buffer	Potassium Carbonate	584-08-7	30%	0.02653%	
			Potassium Hydroxide	1310-58-3	30%	0.02653%	
					0%	0%	
NE-6	Sanjel	Non- emulsifier	Isopropal Alcohol	67-53-0	60%	0.04438%	
			2-Ethylhexanol	104-76-7	5%	0.0037%	
			Diethylenetriamine	111-40-0	5%	0.0037%	
			Heavy Aromatic Solvent	64742-94-5	5%	0.0037%	
			Naphtha				
			Napthalene	91-20-3	1%	0.00074%	
			Benzene 1-1-oxybis-, tetrapropylene	119345-03-8	10%	0.0074%	
			Diethylenetriamine	40139-72-8	30%	0.02219%	
			Alkylbenzene Sulfate				
					0%	0%	
SCC-5L	Sanjel	Clay Control	Tetramethylammonium Chloride	75-57-0	60%	0.05381%	
					0%	0%	
SI-14W	Sanjel	Scale Inhibitor	Phosphoric Acid	Proprietary	40%	0.00957%	
			Methanol	67-55-1	30%	0.00718%	
					0%	0%	
Superset W	Sanjel	Activator	Methanol	67-56-1	50%	0.00458%	
			Poly(oxyethylene) nonylphenol ether	9016-45-9	50%	0.00458%	
					0%	0%	
WG-2BL	Sanjel	Gellant	No hazardous ingredients	None	100%	0.30177%	
					0%	0%	
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: Vickie Martinez		Title: Engineering Tech			
Date: 1/31/2013							
E-mail Address: vmartinez@sm-energy.com							
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