

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: 30-015-41436				
		2. Well Name: SIMON A 5 N FEDERAL #003				
		3. Well Number: 003				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:5 Township:18S Range:27E Feet from:535 N/S Line:S Feet from:1860 E/W Line:W				
		5. Bottom Hole Location: Unit:N Lot:N Section:5 Township:18S Range:27E Feet from:535 N/S Line:S Feet from:1860 E/W Line:W				
		6. Latitude: 32.7709806541069 Longitude: - 104.302934645221				
		7. County: Eddy				
8. Operator Name and Address: LIME ROCK RESOURCES II-A, L.P. 1111 Bagby Street Suite 4600 Houston 77002		9. OGRID: 277558		10. Phone Number: 713-292-9517		
11. Last Fracture Date: 8/2/2013 Frac Performed by: BAKER		12. Production Type: O				
13. Pool Code(s): 96836		14. Gross Fractured Interval: 3,174 ft to 4,159 ft				
15. True Vertical Depth (TVD): 4,417 ft		16. Total Volume of Fluid Pumped: 63,378 gals				
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)
HCL 5.1-7.5%	BAKER	ACIDIZING	Hydrochloric acid	7647-01-0	7.5%	0.49812%
Activator 330	BAKER	ACTIVATOR	ALCOHOLS, C12-14-Secondary Methanol	84133-50-6 67-56-1	70% 50%	0.04978% 0.03556%
X-Cide 207	BAKER	Biocide	2-Methyl-4-Isothiazolin-3-One 5-Chloro-2-Methyl-4-Isothiazolin-3-One Crystalline Silica: Cristobalite Crystalline Silica: Quartz (SiO2) Diatomaceous Earth, Calcined Magnesium Chloride Magnesium Nitrate	2682-20-4 26172-55-4 14464-46-1 14808-60-7 91053-39-3 7786-30-3 10377-60-3	5% 10% 1% 1% 60% 5% 10%	0.00067% 0.00134% 0.00013% 0.00013% 0.00804% 0.00067% 0.00134%
GBW-5	BAKER	BREAKER	AMMONIUM PHOSPHATE	7727-54-0	100%	0.01803%
Enzyme G-1	BAKER	BREAKER	NO HAZARDOUS INGREDIENTS	NA	0%	0%
ClayCare, tote	BAKER	Clay Control	Choline Chloride	67-48-1	75%	0.2777%
CI-27	BAKER	Corrosion Inhibitor	Fatty Acids Methanol Olefin Polyoxyalkylenes Propargyl Alcohol THIOUREA POLYMER	Trade Secret 67-56-1 Trade Secret Trade Secret 107-19-7 68527-49-1	30% 60% 5% 30% 10% 30%	0.00153% 0.00306% 0.00025% 0.00153% 0.00051% 0.00153%
XLW-10A	BAKER	Crosslinker	Ethylene Glycol Sodium Hydroxide Sodium Tetraborate	107-21-1 1310-73-2 1303-96-4	30% 10% 30%	0.09738% 0.03246% 0.09738%
MAXPERM-20A, 265 GAL TOTE	BAKER	Friction Reducer	Aliphatic Hydrocarbon Oxyalkylated Alcohol	Trade Secret Trade Secret	30% 5%	0.04095% 0.00683%
GW-4LDF	BAKER	Gelling Agent	Guar Gum petroleum distillate blend Petroleum Distillate Blend	9000-30-0 8042-47-5 64742-55-8	60% 70% 70%	0.64595% 1.50723% 0.75361%
Ferrotrol 280L	BAKER	Iron Control	2-Mercaptoethanol Ammonium Hydroxide Cupric Chloride	60-24-2 1336-21-6 7447-39-4	100% 5% 5%	0.02523% 0.00126% 0.00126%
NE-35,330 GL TOTE	BAKER	Non-emulsifier	Mixture of Surfactants Propylene Glycol	Trade Secret 57-55-6	50% 30%	0.16544% 0.09926%
Sand Brown 16/30	BAKER	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	38.91144%
Sand White 100 mesh	BAKER	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.12881%
SiberProp, 16/30	BAKER	Proppant	Quartz (SiO2)	14808-60-7	100%	4.21646%
TECHNI-HIB 756	BAKER	SALT INHIBITOR	Hydrochloric acid PHOSPHORIC ACID	7647-01-0 7664-38-2	5% 2%	0.01181% 0.00472%
ScaleSorb 7 (50 lb)	BAKER	Scale Inhibitor	Crystalline Silica (Quartz) Diotomaceous Earch, Calcined Organo Phosphorus Salt Sodium Chloride	14808-60-7 91053-39-3 Trade Secret 7647-14-5	1% 100% 30% 10%	0.00202% 0.20181% 0.06054% 0.02018%
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: Mike Pippin Title: Consultant Date: 8/14/2013 E-mail Address: mike@pippinllc.com						

NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.