

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 November 6, 2013				
		1. WELL API NO: 30-015-39454				
		2. Well Name: STIRLING 6 M #002				
		3. Well Number: 002				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:M Lot:7 Section:6 Township:18S Range:27E Feet from:660 N/S Line:S Feet from:330 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:7 Section:6 Township:18S Range:27E Feet from:660 N/S Line:S Feet from:330 E/W Line:W				
		6. latitude: longitude: 32.7716064 -104.3252563				
		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: 3/24/2017 Frac Performed by: CUDD		12. Production Type: O				
13. Pool Code(s): 51300		14. Gross Fractured Interval: 2,060 ft to 2,405 ft				
15. True Vertical Depth (TVD): 4,229 ft		16. Total Volume of Fluid Pumped: 317,524 gals				
17. Total Volume of Re-Use Water Pumped: 317,524 gals		18. Percent of Re-Use Water in Fluid Pumped: 100%				
19. 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)
SAND	CUDD	PROPANT	SILICON DIOXIDE	14808-60-7	100%	12.38539%
B-15	CUDD	BIOCIDE	TETRAKIS PHOSPHONIUM SULFATE	55566-30-8	20%	0.00209%
FR-601	SNF	FRICTION REDUCER	COPOLYMER OF ACRYLAMIDE & SODIUM ACRYLATE	25987-30-8	10%	0.00924%
			ISOPARAFFINIC SOLVENT	64742-47-8	10%	0.00924%
			NONYLPHENOL	9016-45-9	10%	0.00924%
			SORBITAN MONOOLEATE	1338-43-8	10%	0.00924%
15% HCL	REAGENT	SCALE INHIBITOR	37% HYDROCHLORIC ACID	7647-01-0	15%	0.06629%
I-112	CHEMPLEX, L.C.	ACID CORROSION INHIBITOR	METHANOL	67-56-1	50%	0.00034%
			PROPARGYL ALCOHOL	107-19-7	4%	3E-05%
FE-6	CUDD	IRON CONTROL	ACETIC ACID		85%	0.00198%
SI-625	CUDD	SCALE INHIBITOR	METHANOL	67-56-1	5%	0.00012%
			METHANOL	67-56-1	19.9%	0.00582%
NE-227	ACE COMPLETIONS	NON EMULSIFIER	TRADE SECRET		15%	8E-05%
			POLY (OXY-1,2-ETHANEDIYL),ALPHA HEXYL-OMEGA	31726-34-8	5%	3E-05%
			ISOTRIDECANOL, ETHOXYLATED	9043-30-5	5%	3E-05%
			ALCOHOL	68690-68-7	5%	3E-05%
			SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	64742-94-5	1%	1E-05%
20. 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: 4/11/2017						
E-mail Address: mike@pippinllc.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.