

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. 30-015-41288				
		2. Well Name: EAGLE 33 P FEDERAL #024				
		3. Well Number: 024				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:P Lot:P Section:33 Township:17S Range:27E Feet from:470 N/S Line:S Feet from:360 E/W Line:E				
		5. Bottom Hole Location: Unit:P Lot:P Section:33 Township:17S Range:27E Feet from:470 N/S Line:S Feet from:360 E/W Line:E				
		6. Iatitude: 32.7846518472279 longitude: - 104.276142927398				
		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: 6/13/2013 Frac Performed by: ELITE		12. Production Type: O				
13. Pool Code(s): 51120		14. Gross Fractured Interval: 2,898 ft to 4,256 ft				
15. True Vertical Depth (TVD): 4,659 ft		16. Total Volume of Fluid Pumped: 339,192 gals				
17. Total Volume of Re-Use Water Pumped: 0 gals		18. Percent of Re-Use Water in Fluid Pumped: %				
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	ELITE	PROPPANT	SILICON DIOXIDE	14808-60-7	100%	10.51049%
RCS	ELITE	PROPPANT	SILICON DIOXIDE	14808-60-7	100%	2.12528%
AMA-398	CHEMPLEX, LC	BIOCIDE	TETRAHYDRO-3, 5-DIMETHYL-2H-1,3,5-THIA DAZINE-2-THIONE	533-74-4	98%	0.01481%
SODIUM PERSULFATE	CHEMPLEX, LC	BREAKER	SODIUM PERSULFATE	7775-27-1	98%	0.00792%
CLAYMAX	CHEMPLEX, LC	CLAY CONTROL	CHOLINE CHLORIDE	67-48-1	62%	0.05596%
FERRIPLEX 66	CHEMPLEX, LC	IRON CONTROL	ACETIC ACID	64-19-7	50%	0.0076%
PLEXBOR 101	CHEMPLEX, LC	CROSSLINKER	CITRIC ACID	77-92-9	30%	0.00456%
			ETHYLENE GLYCOL	107-21-1	9.99%	0.00897%
			POTASSIUM METABORATE	13709-94-9	30%	0.02696%
PLEXBREAK 150	CHEMPLEX, LC	NON-EMULSIFIER	POTASSIUM HYDROXIDE	1310-58-3	5%	0.00449%
			COCAMIDE DIETHANOLAMINE SALT	68603-42-9	30%	0.02056%
			DIETHANOLAMINE	111-42-2	20%	0.01371%
			METHYL ALCOHOL	67-56-1	50%	0.03427%
PLEXGEL BREAKER 10L	CHEMPLEX, LC	BREAKER	TRADE SECRET	TRADE SECRET	5%	0.00343%
			MANNANASE ENZYMES	TRADE SECRET	2%	0.00012%
			SODIUM CHLORIDE	7647-14-5	15%	0.00094%
PLEXHIB 256	CHEMPLEX, LC	CORROSION INHIBITOR	METHYL ALCOHOL	67-56-1	70%	0.00317%
			PROPARGYL ALCOHOL	107-19-7	8%	0.00036%
			THIOUREA-FORMALDEHYDE COPOLYMER	68527-49-1	30%	0.00136%
			ALCOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	30%	0.00136%
			N-OLEFINS	TRADE SECRET	10%	0.00045%
PLEXSET 730	CHEMPLEX, LC	ACTIVATOR	SECONDARY ALCOHOL ETHOXYLATE	84133-50-6	50%	0.01187%
			METHLY ALCOHOL	67-56-1	50%	0.01187%
			HYDROTREATED PETROLEUM DISTILLATE	64742-47-8	30%	0.00397%
PLEXSLICK 921 E	CHEMPLEX, LC	FRICTION REDUCER	POLYACRYLAMIDE-CO-ACRYLIC ACID	9003-06-9	32%	0.00423%
			ALCOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	8%	0.00106%
			PLEXSURF 240 E	CHEMPLEX, LC	SURFACTANT	METHYL ALCOHOL
			ALCOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	20%	0.01523%
			7 1/2% HYDROCHORIC ACID	CNR	ACID	36% HYDROCHLORIC ACID
PLEXGEL 907 LE	PFP TECHNOLOGY	POLYMER	GUAR GUM	9000-30-0	50%	0.21132%
			MINERAL OIL	64742-47-8	55%	0.23245%
			BENTONITE CLAY	14808-60-7	2%	0.00845%
			SURFACTANT	68439-51-0	2%	0.00845%
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: 1/15/2014						
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.