

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. 30-015-41082				
		2. Well Name: AID 24 STATE #027				
		3. Well Number: 027				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:24 Township:17S Range:28E Feet from:190 N/S Line:S Feet from:2390 E/W Line:W				
		5. Bottom Hole Location: Unit:N Lot:N Section:24 Township:17S Range:28E Feet from:190 N/S Line:S Feet from:2390 E/W Line:W				
		6. latitude: longitude: 32.8144781609938 - 104.130610891537				
		7. County: Eddy				
8. Operator Name and Address: LRE OPERATING, LLC 1111 Bagby Suite 4600 Houston 77002			9. OGRID: 281994	10. Phone Number: 713-292-9517		
11. Last Fracture Date: 6/5/2013 Frac Performed by: ELITE			12. Production Type: O			
13. Pool Code(s): 96210			14. Gross Fractured Interval: 3,710 ft to 5,030 ft			
15. True Vertical Depth (TVD): 5,357 ft			16. Total Volume of Fluid Pumped: 237,636 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%	66.95009%
RCS	ELITE	PROPPANT	SILICON DIOXIDE	14808-60-7	100%	21.22622%
AMA-398	CHEMPLEX, LC	BIOCIDE	TETRAHYDRO-3, 5-DIMETHYL-2H-1,3,5-THIAZINE-2-THIONE	533-74-4	98%	0.10593%
SODIUM PERSULFATE	CHEMPLEX, LC	BREAKER	SODIUM PERSULFATE	7775-27-1	98%	0.05787%
CLAYMAX	CHEMPLEX, LC	CLAY CONTROL	CHOLINE CHLORIDE	67-48-1	62%	0.35212%
FERRIPLEX 66	CHEMPLEX, LC	IRON CONTROL	ACETIC ACID	64-19-7	50%	0.0926%
PLEXBOR 101	CHEMPLEX, LC	CROSSLINKER	CITRIC ACID	77-92-9	30%	0.05556%
			ETHYLENE GLYCOL	107-21-1	9.99%	0.04985%
			POTASSIUM METABORATE	13709-94-9	30%	0.14978%
PLEXBREAK 150	CHEMPLEX, LC	NON-EMULSIFIER	POTASSIUM HYDROXIDE	1310-58-3	5%	0.02496%
			COCAMIKE DIETHANOLAMINE SALT	68603-42-9	30%	0.16668%
			DIETHANOLAMINE	111-42-2	20%	0.11112%
PLEXGEL BREAKER 10L	CHEMPLEX, LC	BREAKER	METHYL ALCOHOL	67-56-1	50%	0.2778%
			TRADE SECRET	TRADE SECRET	5%	0.02778%
			MANANASE ENZYMES	TRADE SECRET	2%	0.01019%
PLEXHIB 256	CHEMPLEX, LC	CORROSION INHIBITOR	SODIUM CHLORIDE	7647-14-5	15%	0.07646%
			METHYL ALCOHOL	67-56-1	70%	0.03806%
			PROPARGYL ALCOHOL	107-19-7	8%	0.00435%
			THIOUREA-FORMALDEHYDE COPOLYMER	68527-49-1	30%	0.01631%
			ALCOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	30%	0.01631%
PLEXSET 730	CHEMPLEX, LC	ACTIVATOR	N-OLEFINS	TRADE SECRET	10%	0.0544%
			SECONDARY ALCOHOL ETHOXYLATE	84133-50-6	50%	0.12431%
			METHLY ALCOHOL	67-56-1	50%	0.12431%
PLEXSURF 240 E	CHEMPLEX, LC	SURFACTANT	METHYL ALCOHOL	67-56-1	20%	0.10432%
			AACOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	20%	0.10432%
20% HYDROCHLORIC ACID	CNR	ACID	36% HYDROCHLORIC ACID	7647-01-0	53%	2.23803%
PLEXGEL 907 LE	PFP TECHNOLOGY	POLYMER	GUAR GUM	9000-30-0	50%	1.82268%
			MINERAL OIL	64742-47-8	55%	2.00495%
			BENTONITE CLAY	14808-60-7	2%	0.07291%
			SURFACTANT	68439-51-0	2%	0.07291%
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: 2/20/2014 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.