

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: 30-015-41064				
		2. Well Name: STALEY STATE #023				
		3. Well Number: 023				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:H Lot:H Section:30 Township:17S Range:28E Feet from:1755 N/S Line:N Feet from:970 E/W Line:E				
		5. Bottom Hole Location: Unit:H Lot:H Section:30 Township:17S Range:28E Feet from:1755 N/S Line:N Feet from:970 E/W Line:E				
		6. Latitude: 32.8075294 longitude: -104.2095108				
		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: 7/9/2015 Frac Performed by: CUDD		12. Production Type: O				
13. Pool Code(s): 97253		14. Gross Fractured Interval: 1,752 ft to 2,984 ft				
15. True Vertical Depth (TVD): 4,908 ft		16. Total Volume of Fluid Pumped: 808,758 gals				
17. Total Volume of Re-Use Water Pumped: 808,758 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)
Water		Carrier / Base Fluid		7732-18-5	100%	88.54019%
Sand		Proppant	Silicon Dioxide	14808-60-7	100%	10.66748%
B-15	Brenntag	Biocide	Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	20%	0.01041%
15% Hydrochloric Acid	Reagent	Scale Dissolver	Water	7732-18-5	80%	0.04162%
			37% Hydrochloric Acid	7647-01-0	15%	0.07943%
I-112	Chemplex, L.C.	Acid Corrosion Inhibitor	Water	7732-18-5	85%	0.45011%
			Methanol	67-56-1	49.6%	0.00023%
NE-217	Chemplex, L.C.	Non-emulsifier	Propargyl Alcohol	107-19-7	4%	2E-05%
FE-4	Brenntag	Iron Control Additive	Methanol	67-56-1	50%	0.00024%
			Citric Acid Anhydrous	77-92-9	55%	0.00164%
SI-625	Kel-Tech	Scale Inhibitor	Water	7732-18-5	55%	0.00164%
			Methanol	67-56-1	19.9%	0.00958%
SI-30	Chemplex	Oxygen Scavenger	Ammonium Bisulfite	10192-30-0	55%	0.05703%
FR-900C	SNF	Friction Reducer	Proprietary Polyacrylamide Copolymer	Proprietary	33%	0.01815%
			Isoparaffinic Solvent	64742-47-8	26%	0.0143%
			Water	7732-18-5	42%	0.02309%
			Ethylene Glycol	107-21-1	4%	0.0022%
			Surfactant Blend	Proprietary	6%	0.0033%
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: 7/14/2015						
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.