

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: 30-015-36252				
		2. Well Name: STALEY STATE #004				
		3. Well Number: 004				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:N Lot:N Section:30 Township:17S Range:28E Feet from:990 N/S Line:S Feet from:1980 E/W Line:W				
		5. Bottom Hole Location: Unit:N Lot:N Section:30 Township:17S Range:28E Feet from:990 N/S Line:S Feet from:1980 E/W Line:W				
		6. latitude: 32.8004891718328 longitude: -104.217172694796				
		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: 4/7/2015 Frac Performed by: PROD. SERV. CO.			12. Production Type: O			
13. Pool Code(s): 51300			14. Gross Fractured Interval: 1,728 ft to 3,052 ft			
15. True Vertical Depth (TVD): 2,902 ft			16. Total Volume of Fluid Pumped: 9,111,403 gals			
17. Total Volume of Re-Use Water Pumped: 9,111,403 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	Lime Rock Resources	Carrier/Base Fluid	Water	7732-18-5	100%	90.640221%
Sand (Proppant)	Producers Service Corp	Proppant	Silica Substrate	14808-60-7	100%	8.822571%
Hydrochloric Acid (15%)	Producers Service Corp	Acidizing	Hydrochloric Acid	7647-01-0	10%	0.044306%
FRA 407	Producers Service Corp	Friction Reducer	Petroleum Distillates	64742-47-8	40%	0.0157009%
			Polyacrylamide salt	Proprietary	30%	0.0117757%
			Sodium Chloride	7647-14-5	5%	0.0019626%
			Ammonium Chloride	12125-02-9	5%	0.0019626%
			Ethoxylate Alcohol	Proprietary	5%	0.0019626%
			Tall oil	Proprietary	2%	0.000785%
			Proprietary Ingredient	Proprietary	1%	0.0003925%
PRO HIB 256	Producers Service Corp	Corrosion Inhibitor	Methanol	67-56-1	73%	0.0005837%
PRO REDUCE	Producers Service Corp	Iron Reducing Agent	Propargyl Alcohol	107-19-7	7%	5.6E-05%
			2-Mercaptoethanol	60-24-2	100%	0.0014105%
			Aqua ammonia	7664-41-7	5%	7.05E-05%
			Cupric chloride dihydrate	10125-13-0	5%	7.05E-05%
			Potassium iodide	7681-11-0	1%	1.41E-05%
PRO BIO 15G	Producers Service Corp	Biocide	Glutaraldehyde	111-30-8	14%	0.0035544%
			Didecyl dimethyl ammonium chloride	7173-51-5	3%	0.0007617%
			Alkyl dimethyl benzyl ammonium chloride	68424-85-1	3%	0.0007617%
			Ethanol	64-17-5	3%	0.0007617%
			Scale inhibitor	NA	40%	0.0107433%
PRO SCALE 679	Producers Service Corp	Scale Inhibitor	Glycerine	56-81-5	30%	0.0080575%
PRO NE 145	Producers Service Corp	Non-Emulsifying Surfactant	Methanol	67-56-1	15%	6.59E-05%
			Cocamide	68603-42-9	7%	3.08E-05%
			Diethanolamine Salt			
			2-Butoxyethanol	111-76-2	15%	6.59E-05%
			Diethanolamine	111-42-2	3%	1.32E-05%
Water	7732-18-5	65%	0.0002858%			
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: 4/14/2015						
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.