

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: 30-015-40086				
		2. Well Name: TIGNER STATE #004				
		3. Well Number: 004				
HYDRAULIC FRACTURING FLUID DISCLOSURE  <input checked="" type="checkbox"/> Original  <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:L    Lot:L    Section:28    Township:17S    Range:28E Feet from:1650    N/S Line:S Feet from:990    E/W Line:W				
		5. Bottom Hole Location: Unit:L    Lot:L    Section:28    Township:17S    Range:28E Feet from:1650    N/S Line:S Feet from:990    E/W Line:W				
		6. latitude:    32.8026623208853    longitude:    -104.186173083275				
		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:    6/11/2015    Frac Performed by:    PRODUCERS SERVICE CORP.		12. Production Type: O				
13. Pool Code(s): 96830		14. Gross Fractured Interval: 3,340 ft to 3,510 ft				
15. True Vertical Depth (TVD): 3,660 ft		16. Total Volume of Fluid Pumped: 311,682 gals				
17. Total Volume of Re-Use Water Pumped: 311,682 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	PSC	PROPPANT	SILICON DIOXIDE	14808-60-7	100%	10.72292%
15% HYDROCHLORIC ACID	PSC	ACIDIZING	HYDROCHLORIC ACID	7647-01-0	10%	0.04523%
FRA-407	PSC	FRICTION REDUCER	PETROLEUM DISTILATES	64742-47-8	40%	0.01947%
			POLYACRYLAMIDE SALT	TRADE SECRET	30%	0.0146%
			SODIUM CHLORIDE	7647-14-5	5%	0.0043%
			AMMONIUM CHLORIDE	12125-02-9	5%	0.0243%
			ETHOXYLATE ALCOHOL	TRADE SECRET	5%	0.00243%
			TALL OIL	TRADED SECRET	2%	0.00097%
			TRADE SECRET	TRADE SECRET	1%	0.00049%
			PRO HIB 256	PSC	CORROSION INHIBITOR	METHANOL
PRO REDUCE	PSC	IRON CONTROL	PROPARGYL ALCOHOL	107-19-7	8%	7E-05%
			2-MERCAPTOETHANOL	60-24-2	100%	0.0014%
			AQUA AMMONIA	7664-41-7	5%	7E-05%
PRO SCALE 125	PSC	SCALE INHIBITOR	CUPRIC CHLORIDE	10125-13-0	5%	7E-05%
			POTASSIUM IODIDE	7681-11-0	1%	1E-05%
			PHOSPHONATED COMPOUND	TRADE SECRET	15%	0.00339%
PRO BIO 5000	PSC	BIOCIDE	AMMONIUM CHLORIDE	12125-02-9	2.5%	0.00057%
			2,2-DIBROMO-3-NITRILOPROPIONAMIDE	10222-01-2	10%	0.0023%
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:    6/24/2015						
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.