Energy, Minerals and Natural Resources  Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505  HYDRAULIC FRACTURING FLUID DISCLOSURE  X Original  Amendment  Amendment  Superior Name and Address: LRE OPERATING, LLC 1111 Bagby Suite 4600 Houston 77002  11. Last Fracture Date: 11/7/2014 Frac Performed by: ELITE  12. Production Type: 13. Pool Code(s): 9. OGRID: 281994 10. Phone Number: 713  14. WELL API NO. 30-015-42163  2. Weil Name: KERSEY STATE #008  3. Weil Number: 008  4. Surface the lie Location: Until Lot! Section:32	omit within 45 days of well co	ompletion	State of New Maying				Revised November 6, 2013				
2. Well Name   1220 S. St Francis Dr.	Oil Conservation Division 1220 S. St Francis Dr.										
## 1220 S. St Francis Dr. Santa Fe, NM 87505  ### HYDRAULIC FRACTURING FLUID DISCLOSURE  ### Original    Amendment							2. Well Name: KERSEY STATE #008				
Amendment   Santa Fe, NM 87505   S. Well-American   S. Well-Amendment   Section 32   Township: 178   Peet from: 1560											
A Surface Hole Location: Until Let C Section 32   Township:17S   Feet from:1650   NS Lines S											
DISCLOSURE											
S. Bottom Note Locations: United Location Section 3.0							Unit:I Lot:I Section:32 Township:17S Range:28E Feet from:1650 N/S Line:S				
Reference   Peach from: 1650	Original					5	. Bottom Hole Los	eation:		- 205	
8. Operator Name and Address:   LPE OPERATING, LLC	□ Amendment						Feet from: 1650   N/S Line: S   Feet from: 330   E/W Line: E				
R. Operator Name and Address:										4.190425885007	
LRE OPERATING, LLC						7	. County:				
11.   Last Fracture Date:   11/7/2014   Frac Performed by: ELITE     12. Production Type:	LRE OPERATING, 1111 Bagby Suite 4600	, LLC				9. OGRID:	281994	10. Phone Number	r. 7	13-292-9517	
14. Gross Fractured Interval:   3,830 ft to 5,006 ft     15. True Vertical Depth (TVD):   5,100 ft   16. Total Volume of Fluid Pumped:   1,671,432 gals     17. Total Volume of Re-Use Water Pumped:   335,716 gals   18. Percent of Re-Use Water in Fluid Pumped:   5,00%     19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:   18. Percent of Re-Use Water in Fluid Pumped:   5,00%     19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:   18. Percent of Re-Use Water in Fluid Pumped:   5,00%     19. HYDROCHLORIC ACID COMPOSITION AND CONCENTRATION:   18. Percent of Re-Use Water in Fluid Pumped:   5,00%     19. HYDROCHLORIC ACID COMPOSITION AND CONCENTRATION:   18. Percent of Re-Use Water in Fluid Pumped:   5,00%   18. Percent of Re-Use Water in Fluid Pumped:   18. Percent of Re-Use Water in Fluid Pumped	11. Last Fracture Date: 11/7/2014 Frac Performed by: ELITE 12. Producti						туре:				
15. True Vertical Depth (TVD): 5,100 ft   1,671,432 gals   1,671,432 gal	13. Pool Code(s): 14. Gross						•				
1,671,432 gals   1,67											
17. Total Volume of Re-Use Water Pumped: 835,716 gals   18. Percent of Re-Use Water in Fluid Pumped: 50%   19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:   19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:   19. HYDROCHORIC ACID   14808-60-7   100%   14808-60											
19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:           Trade Name         Supplier         Purpose         Ingredients         (CAS #) Chemical Abstract Service #         Maximum Ingredient Concentration in Additive (% by mass)											
Name   Supplier   Purpose   Ingredients   (CAS #) Chemical Abstract Service #   Maximum Ingredient Concentration in Additive (% by Concentration in Additive (% by Mass)		COMPOSITIO	N AND CONCENTE	ATION:		30%					
SAND							Concentration		Concentrati	ngredient on in HF Fluid (%	
HYDROCHLORIC ACID	ND	US SILICA	PROPPANT	SILICON DIOXIDE	14808-60-7				by mass)	3.69734%	
METHANOL   67-56-1   10%					7647-01-0					0.06268%	
PLEXCIDE 24L         CHEMPLEX         BIOCIDE         TETRAHYDRO-3, DIMETHYL-533-74-4         24%           PLEXSLICK 953         CHEMPLEX         FRICTION ALCOHOL ETHOXYLATE SUFFACTANTS         TRADE SECRET         8%           HYDROTREATED PETROLEUM DISTILLATE POLYACRYLAMIDE-CO-ACRYTIC ACID         64742-47-8         30%           GREENHIB 679         CHEMPLEX         SCALE INHIBITOR GLYCERINE SCRET         56-81-5         35%           TRADE SECRET         TRADE SECRET         35%	I-1	CHEMPLEX	IRON CONTROL						0.00211%		
CHEMPLEX	EXCIDE 24L	CHEMPLEX	BIOCIDE	TETRAHYDRO-3,DIMETHYL-						0.00026% 0.00665%	
PETROLEUM DISTILLATE	EXSLICK 953	CHEMPLEX	REDUCER	ALCOHOL ETHOXYLATE	TRADE SECRET		8%			0.00623%	
ACRYTIC ACID				HYDROTREATED	64742-47-8			30%		0.02336%	
TRADE SECRET TRADE SECRET 35%	200000000000000000000000000000000000000	A		ACRYTIC ACID	NO. CONTRACTOR		10000			0.02414%	
	EENHIB 679	CHEMPLEX	SCALE INHIBITOR							0.01937%	
20.1, as Operator, nereby detaily trial mormation shown on this disclosure form is true and complete to the best of my knowledge and belief.	Las Operator haraby serifi th					35%		0.01937%			
Signature: Signed Electronically  Date: 11/15/2014  E-mail Address: mike@pippinllc.com  Signed Electronically Printed Name: Mike Pippin Title: Consultant	gnature: Signed Ele ate: 11/15/201	lectronically 14			momeage 8		ritle: Consultan	t			

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.