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.
30-015-42602

2. Well Name:
JEFFERS 36 STATE #005

3. Well Number:
005

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:B Lot:B Section:36 Township:17S Range:27E
Feet from:330 N/S Line:N
Feet from:2210 E/W Line:E

5. Bottom Hole Location:
Unit:B Lot:B Section:36 Township:17S Range:27E
Feet from:330 N/S Line:N
Feet from:2210 E/W Line:E

6. latitude: 32.7968777810089 longitude: -104.230854176971

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: 12/18/2014 Frac Performed by: ELITE

12. Production Type:
O

13. Pool Code(s):
96836

14. Gross Fractured Interval:
3,240 ft to 3,510 ft

15. True Vertical Depth (TVD):
3,600 ft

16. Total Volume of Fluid Pumped:
388,500 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	US SILICA	PROPPANT	SILICON DIOXIDE	14808-60-7	100%	10.61412%
HYDROCHLORIC ACID	CNR	ACIDIZING	HYDROCHLORIC ACID	7647-01-0	18.7%	0.06956%
4-N-1	CHEMPLEX	IRON CONTROL	ACETIC ACID	64-19-7	80%	0.00234%
			METHANOL	67-56-1	10%	0.00029%
PLEXCIDE 24L	CHEMPLEX	BIOCIDE	TETRAHYDRO-3,DIMETHYL-2H	533-74-4	24%	0.0061%
PLEXSLICK 957	CHEMPLEX	FRICTION REDUCER	ALCOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	8%	0.00574%
			HYDROTREATED PETROLEUM DISTILLATE	64742-47-8	30%	0.02152%
			POLYACRYLAMIDE-CO-ACRYTIC ACID	9003-06-9	31%	0.02223%
GREENHIB 679	CHEMPLEX	SCALE INHIBITOR	GLYCERINE	56-81-5	35%	0.01632%
			TRADE SECRET	TRADE SECRET	35%	0.1632%

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: 12/22/2014

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.