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.
30-015-39541

2. Well Name:
KAISER B 18 G #012

3. Well Number:
012

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:G Lot:G Section:18 Township:18S Range:27E
Feet from:1650 N/S Line:N
Feet from:2310 E/W Line:E

5. Bottom Hole Location:
Unit:G Lot:G Section:18 Township:18S Range:27E
Feet from:1650 N/S Line:N
Feet from:2310 E/W Line:E

6. latitude: 32.7505186964764 longitude: -104.31671238409

7. County:
Eddy

8. Operator Name and Address:
LIME ROCK RESOURCES II-A, L.P.
1111 Bagby Street
Suite 4600
Houston 77002

9. OGRID: 277558

10. Phone Number: 713-292-9517

11. Last Fracture Date: 4/3/2014 Frac Performed by: ELITE

12. Production Type:
O

13. Pool Code(s):
51120

14. Gross Fractured Interval:
2,722 ft to 2,862 ft

15. True Vertical Depth (TVD):
4,227 ft

16. Total Volume of Fluid Pumped:
537,810 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%	3.10643%
HCL 15%	CNR	ACID	HYDROCHLORIC ACID	7647-01-0	38.8%	0.11304%
4-N-1 PLUS	CHEMPLEX	IRON CONTROL	ACETIC ACID	64-19-7	80%	0.00117%
			METHANOL	67-56-1	10%	0.00015%
PLEXCIDE 24L	CHEMPLEX	BIOCIDE	TETRAHYDRO-3, DIMETHYL-2H	533-74-4	24%	0.01295%
PLEXSLICK 953	CHEMPLEX	FRICTION REDUCER	ALCOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	8%	0.00576%
			HYDROTREATED PETROLEUM DISTILLATE	64742-47-8	30%	0.02159%
			POLYACRYLAMIDE-CO-ACRYTIC ACID	9003-06-9	31%	0.02231%
AMA 398	CHEMPLEX	BIOCIDE	TETRAHYDRO-3, DIMETHYL-2H	533-74-4	98%	0.0019%
GREENHIB 679	CHEMPLEX	SCALE INHIBITOR	GLYCERINE	56-81-5	35%	0.01918%
			TRADE SECRET	TRADE SECRET	35%	0.01918%
SCALESORB 3, (50# BAG)	BAKER	SCALE INHIBITOR	DIATOMACEOUS EARTH CALCINED	91053-39-3	100%	0.0298%
			AMINO ALKYL PHOSPHONIC ACID	TRADE SECRET	30%	0.00809%
			PHOSPHONIC ACID	13598-36-2	1%	0.00027%
			CRYSTALLINE SILICA: QUARTZ (SIO2)	14808-60-7	1%	0.00027%

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: 4/8/2014

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.