

Submit within 45 days of well completion	<div>State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505</div>	Revised November 6, 2013				
		1. WELL API NO: 30-015-35031				
		2. Well Name: OXY WHIPSNAKE FEDERAL #001				
		3. Well Number: 001				
<div>HYDRAULIC FRACTURING FLUID DISCLOSURE</div> <div><input checked="" type="checkbox"/> Original</div> <div><input type="checkbox"/> Amendment</div>		4. Surface Hole Location: Unit:J Lot:J Section:8 Township:18S Range:27E Feet from:1497 N/S Line:S Feet from:2022 E/W Line:E				
		5. Bottom Hole Location: Unit:J Lot:J Section:8 Township:18S Range:27E Feet from:1497 N/S Line:S Feet from:2022 E/W Line:E				
		6. Istitude: 32.7591248 longitude: -104.2985382				
		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: 10/31/2016 Frac Performed by: ELITE		12. Production Type: G				
13. Pool Code(s): 51120		14. Gross Fractured Interval: 2,668 ft to 4,714 ft				
15. True Vertical Depth (TVD): 9,639 ft		16. Total Volume of Fluid Pumped: 1,390,479 gals				
17. Total Volume of Re-Use Water Pumped: 1,390,479 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	US SILICA	PROPANT	SILICA SUBSTRATE	14808-60-7	100%	4.07843%
15% HCL	CNR	ACIDIZING	HYDROCHLORIC ACID	7647-01-0	38.8%	0.06674%
4-N-1	CHEMPLEX, L.C.	IRON CONTROL	ACETIC ACID	64-19-7	80%	0.00104%
			METHANOL	67-56-1	10%	0.00013%
PLEXICIDE 24L	CHEMPLEX, L.C.	BIOCIDE	TETRAHYDRO-3,DIMETHYL-2H	533-74-4	24%	0.00436%
PLEXSURF 240 E	CHEMPLEX, L.C.	SURFACTANT	METHYL ALCOHOL	67-56-1	10%	0.00637%
			2-BUTOXYETHANOL	111-76-2	50%	0.03183%
PLEXSLICK 933	CHEMPLEX, L.C.	FRICTION REDUCER	ALCOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	8%	0.01053%
			HYDROTREATED PETROLEUM DISTILLATE	64742-47-8	30%	0.03947%
			POLYACRYLAMIDE-CO-ACRYTIC ACID	9003-06-9	31%	0.04079%
GREENHIB 679	CHEMPLEX, L.C.	SCALE INHIBITOR	GLYCERINE	56-81-5	35%	0.00436%
			TRADE SECRET	TRADE SECRET	35%	0.00436%
PLEXSLICK 957	CHEMPLEX, L.C.	FRICTION REDUCER	ALCOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	8%	0.0056%
			HYDROTREATED PETROLEUM DISTILLATE	64742-47-8	30%	0.02099%
			POLYACRYLAMIDE-CO-ACRYTIC ACID	9003-06-9	31%	0.02169%
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: 12/8/2016						
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.