

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 February 15, 2012				
		1. WELL API NO. 30-015-41510				
		2. Well Name: HONDO 4 K FEDERAL #050				
		3. Well Number: 050				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:K Lot:15 Section:4 Township:18S Range:27E Feet from:2310 N/S Line:S Feet from:1650 E/W Line:W				
		5. Bottom Hole Location: Unit:K Lot:15 Section:4 Township:18S Range:27E Feet from:2310 N/S Line:S Feet from:1650 E/W Line:W				
		6. latitude: longitude: 32.775855843701 -104.286564551584				
		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: 10/16/2013 Frac Performed by: ELITE				12. Production Type: O		
13. Pool Code(s): 96836				14. Gross Fractured Interval: 3,904 ft to 4,198 ft		
15. True Vertical Depth (TVD): 4,760 ft				16. Total Volume of Fluid Pumped: 663,432 gals		
17. 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	ELITE	PROPPANT	SILICON DIOXIDE	14808-60-7	100%	3.41695%
FERRIPLEX 66	CHEMPLEX, LC	IRON CONTROL	ACETIC ACID	64-19-7	50%	0.00058%
			CITRIC ACID	77-92-9	30%	0.00035%
GREENHIB 679	CHEMPLEX, LC	SCALE INHIBITO	GLYCERINE	56-81-5	35%	0.01509%
			TRADE SECRET	TRADE SECRET	35%	0.01509%
PLEXBREAK 150	CHEMPLEX, LC	NON-EMULSIFIER	COCAMIDE DIETHANOLAMINE SALT	68603-42-9	30%	7E-05%
			DIETHANOLAMINE	111-42-2	20%	5E-05%
			METHYL ALCOHOL	67-56-1	50%	0.00011%
			TRADE SECRET	TRADE SECRET	5%	1E-05%
PLEXCID 24B	CHEMPLEX, LC	BIOCIDE	TETRAHYDRO-3, 5-DIMETHYL-2H-1,3,5-THIADIAZINE-2-THIONE	533-73-2	24%	0.00576%
			SODIUM HYDROXIDE	1310-73-2	12%	0.00288%
PLEXHIB 256	CHEMPLEX, LC	CORROSION INHIBITOR	METHL ALCOHOL	67-56-1	70%	0.00023%
			PROPARGYL ALCOHOL	107-19-7	8%	3E-05%
			THIOUREA-FORMALDEHYDE COPOLYMER	68527-49-1	30%	0.0001%
			ALCOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	30%	0.0001%
			N-OLEFINS	TRADE SECRET	10%	3E-05%
PLEXSLICK 921E	CHEMPLEX, LC	FRICTION REDUCER	HYDROTREATED PETROLEUM DISTILLATE	64742-47-8	30%	0.01624%
			POLYACRYLAMIDE-CO-ACRYLIC ACID	9003-06-9	32%	0.01732%
			ALCOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	8%	0.00433%
PLEXSURF 240E	CHEMPLEX, LC	SURFACTANT	METHL ALCOHOL	67-56-1	20%	5E-05%
			ALCOHOL ETHOXYLATE SURFACTANTS	TRADE SECRET	20%	5E-05%
15% HYDROCHLORIC ACID	CNR	ACID	36% HYDROCHLORIC ACID	7647-01-0	38%	0.00859%
18. 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: 10/22/2013						
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.