

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: 30-025-42005				
		2. Well Name: STATE 36 #102				
		3. Well Number: 102				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:O Lot:O Section:36 Township:17S Range:33E Feet from:1205 N/S Line:S Feet from:2615 E/W Line:E				
		5. Bottom Hole Location: Unit:O Lot:O Section:36 Township:17S Range:33E Feet from:1205 N/S Line:S Feet from:2615 E/W Line:E				
		6. Latitude: 32.7872626382923 Longitude: -103.616597056866				
		7. County: Lea				
8. Operator Name and Address: LINN OPERATING, INC. 600 Travis Street Suite 5100 Houston 77002		9. OGRID: 269324		10. Phone Number: 281-840-4010		
11. Last Fracture Date: 10/23/2014 Frac Performed by: Advanced Stimulation Technologies, Inc.		12. Production Type: O				
13. Pool Code(s): 62180		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 5,011 ft		16. Total Volume of Fluid Pumped: 114,072 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
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)
Water	Operator	Carrier/Base Fluid	Water	7732-18-5	100%	84.57093%
15% HCL	Reagent Chemical	Acidizing	Hydrogen Chloride	7647-01-0	15%	0.47815%
			Water	7732-18-5	85%	2.7095%
ATAS-100	Impact Chemical	Acid Inhibitor System	Acetic Acid	64-19-7	100%	0.01806%
			Propan-2-ol	67-63-0	100%	0.01806%
			Dodecylbenzenesulphonic Acid	27176-87-0	100%	0.01806%
			Methanol	67-56-1	100%	0.01806%
			1,3-imethylbutylamine	108-09-8	100%	0.01806%
			Petroleum, Oxidized	64743-01-7	100%	0.01806%
			Didecyldimethylammonium Chloride	7173-51-5	100%	0.01806%
			Prop-2-yn-1-ol	107-19-7	100%	0.01806%
AFR-805B	Chemplex	Friction Reducer	Petroleum Hydrotreated Distillate	64742-47-8	25%	0.00082%
AWRS-101	Chemplex	Surfactant	Methyl Alcohol	67-56-1	12%	0.00989%
			2-Butoxyethanol	111-76-2	35%	0.02884%
AGA-101	Poly Frac Plus	Slurried Gelling Agent	Guar Gum	9000-30-0	50%	0.13051%
			Petroleum Distillate	64742-47-8	55%	0.14356%
ABK-101	Fritz Industries	Oxidizer Breaker	Clay	Proprietary	5%	0.01305%
ABK-104	Economy Polymers and Chemicals	Liquid Enzyme Breaker	Ammonium Persulphate	7727-54-0	100%	0.00586%
AXL-101	Chemplex	Crosslinker	Cellulase Enzyme	Proprietary	100%	0.00504%
Superset W	Santrol	Resin Activator	Potassium Metaborate	13709-94-9	30%	0.03152%
			Potassium Hydroxide	1310-58-3	5%	0.00525%
			Ethylene Glycol	107-21-1	10%	0.01051%
20/40 White 20/40 Super LC	Santrol	Proppant	Methyl Alcohol	67-56-1	50%	0.03373%
			Polethylene Glycol	9016-45-9	50%	0.03373%
			Nonylphenyl Ether			
			Silica, Crystalline Quartz	14808-60-7	100%	8.51448%
			Crystilline Silica, Quartz	14808-60-7	97%	3.08339%
			Phenol-Formaldehyde	9003-35-4	5%	0.15894%
			Novolak Resin			
			Hexamethylenetetramine	100-97-0	1%	0.03179%
					0%	0%
					0%	0%
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: Alex Bolanos		Regulatory Compliance Title: Specialist II				
Date: 12/4/2014						
E-mail Address: aboanos@linnenergy.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.