

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. 30-025-40699							
		2. Well Name: LEA UNIT #031H							
		3. Well Number: 031H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:12 Township:20S Range:34E Feet from:46 N/S Line:S Feet from:1916 E/W Line:W							
		5. Bottom Hole Location: Unit:N Lot:N Section:12 Township:20S Range:34E Feet from:46 N/S Line:S Feet from:1916 E/W Line:W							
		6. Latitude: longitude: 32.5805445878265 - 103.516134077242							
		7. County: Lea							
8. Operator Name and Address: LEGACY RESERVES OPERATING, LP P. O. Box 10848 Midland 79702		9. OGRID: 240974	10. Phone Number: 432-682-2516						
11. Last Fracture Date: 8/31/2013 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 37570		14. Gross Fractured Interval: 11,130 ft to 15,632 ft							
15. True Vertical Depth (TVD): 14,600 ft		16. Total Volume of Fluid Pumped: 1,677,984 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)			
Water	Operator	Carrier	Water	7732-18-5	100%	83.48733%			
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.23852%			
			Water	7732-18-5	85%	1.35162%			
GBW-5	Baker Hughes	Breaker	Ammonium Phosphate	7727-54-0	100%	0.00045%			
GBW-15L	Baker Hughes	Breaker	Enzyme solution	Trade Secret	100%	0.02088%			
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00018%			
			Methanol	67-56-1	100%	0.00177%			
			Olefin	Trade Secret	5%	9E-05%			
			Polyoxyalkylenes	Trade Secret	30%	0.00053%			
			Propargyl Alcohol	107-19-7	5%	9E-05%			
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.02818%			
			Sodium Hydroxide	1310-73-2	10%	0.00939%			
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.02818%			
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.28861%			
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.33671%			
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.33671%			
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.33671%			
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00296%			
			Ammonium Hydroxide	1336-21-6	5%	0.00015%			
			Cupric Chloride	7447-39-4	5%	0.00015%			
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.00029%			
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.74492%			
SB Excel 20/40	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	2.697%			
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.01928%			
Ingredients shown above are subject to 29 CFR 1910			Benzyl Chloride	100-44-7	0%	9.6E-06%			
			Ethoxylated Nonylphenol	9016-45-9	0%	4.82E-05%			
			Formaldehyde	50-00-0	0%	1.77E-05%			
			Glycol Ether	Trade Secret	0%	4.82E-05%			
			Hydrochloric Acid	7647-01-0	0%	1.77E-05%			
			Modified Thiorea Polymer	68527-49-1	0%	0.0001242%			
			Olefin Sulfonate	Trade Secret	0%	0.0005789%			
			Polyester	Trade Secret	0%	0.0001447%			
			Quaternary Amine Compounds	Trade Secret	0%	0.0002895%			
			Sodium Chloride	7647-14-5	0%	0.0144586%			
			Water	7732-18-5	0%	0.0535694%			
			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: Travis McGraw Title: Regulatory Analyst						
			Date: 9/26/2013						
E-mail Address: srasbury@legacylp.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.