

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: 30-025-30061				
		2. Well Name: INCA FEDERAL #007				
		3. Well Number: 007				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:C Lot:C Section:17 Township:18S Range:32E Feet from:660 N/S Line:N Feet from:1980 E/W Line:W				
		5. Bottom Hole Location: Unit:C Lot:C Section:17 Township:18S Range:32E Feet from:660 N/S Line:N Feet from:1980 E/W Line:W				
		6. Latitude: 32.7529915834923 Longitude: - 103.790685861721				
		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: 5/29/2013 Frac Performed by: Baker Hughes			12. Production Type: O			
13. Pool Code(s): 65350			14. Gross Fractured Interval: Confidential			
15. True Vertical Depth (TVD): 6,855 ft			16. Total Volume of Fluid Pumped: 92,442 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	Water	7732-18-5	100%	82.69512%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.46675%
			Water	7732-18-5	85%	2.64491%
Superset-U, tote	Baker Hughes	Activator	Denatured Ethanol	64-17-5	45%	0.02601%
			Di (Ethylene Glycol) Ethyl Ether Acetate	112-15-2	55%	0.03179%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00429%
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00047%
			Methanol	67-56-1	100%	0.00467%
			Olefin	Trade Secret	5%	0.00023%
			Polyoxyalkylenes	Trade Secret	30%	0.0014%
			Propargyl Alcohol	107-19-7	5%	0.00023%
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.02771%
			Sodium Hydroxide	1310-73-2	10%	0.00924%
			Sodium Tetraborate	1303-96-4	30%	0.02771%
			Decahydrate			
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.26491%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.30906%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.30906%
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.30906%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00886%
			Ammonium Hydroxide	1336-21-6	5%	0.00044%
			Cupric Chloride	7447-39-4	5%	0.00044%
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.00082%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.01444%
Super LC, 20/40	Baker Hughes	Proppant	Hexamethylenetetramine	100-97-0	0.01%	0.00027%
			P/F Resin	9003-35-4	5%	0.13476%
			Silicon Dioxide (Silica Sand)	14808-60-7	97%	2.61427%
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.01942%
Ingredients shown above are subject to 29 CFR 1910			Benzyl Chloride	100-44-7	0%	2.74E-05%
			Ethoxylated Nonylphenol	9016-45-9	0%	0.000137%
			Formaldehyde	50-00-0	0%	4.67E-05%
			Glycol Ether	Trade Secret	0%	0.000137%
			Hydrochloric Acid	7647-01-0	0%	4.67E-05%
			Modified Thiorea Polymer	68527-49-1	0%	0.0003267%
			Olefin Sulfonate	Trade Secret	0%	0.0016435%
			Polyester	Trade Secret	0%	0.0004109%
			Quaternary Amine Compounds	Trade Secret	0%	0.0008217%
			Sodium Chloride	7647-14-5	0%	0.0145653%
			Water	7732-18-5	0%	0.0554887%
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: Travis McGraw Title: Regulatory Analyst						
Date: 1/9/2014						
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.