

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. 30-015-39722				
		2. Well Name: CEDAR LAKE #004				
		3. Well Number: 004				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:D Lot:1 Section:30 Township:17S Range:31E Feet from:990 N/S Line:N Feet from:330 E/W Line:W				
		5. Bottom Hole Location: Unit:D Lot:1 Section:30 Township:17S Range:31E Feet from:990 N/S Line:N Feet from:330 E/W Line:W				
		6. latitude: longitude: 32.810051829736 - 103.915813912085				
		7. County: Eddy				
8. Operator Name and Address: ALAMO PERMIAN RESOURCES, LLC 415 W. Wall Street, Suite 500 Midland 79701		9. OGRID: 274841		10. Phone Number: 432-897-0673		
11. Last Fracture Date: 10/18/2012 Frac Performed by: CUDD ENERGY SERVICES		12. Production Type: O				
13. Pool Code(s): 28509		14. Gross Fractured Interval: 2,980 ft to 3,624 ft				
15. True Vertical Depth (TVD): 4,452 ft		16. Total Volume of Fluid Pumped: 911 bbls				
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		Carrier / Base Fluid		7732-18-5	100%	0%
Sand		Proppant	Silicon Dioxide	14808-60-7	100%	0%
B-24	Weatherfork	Biocide	2,2 Dibromo-3-Nitrilopropionamide	10222-01-2	100%	0%
15% Hydrochloric Acid	Reagent	Scale Dissolver	37% Hydrochloric Acid	7647-01-0	15%	0%
			Water	7732-18-5	85%	0%
I-112	Chemplex,L.C.	Acid Corrosion Inhibitor	Methanol	67-56-1	50%	0%
			Propargyl Alcohol	107-19-7	4%	0%
SG-15G	PFP Technology	Polymer	Guar Gum	9000-30-0	50%	0%
			Petroleum Distillate (Mineral Oil)	64742-47-8	55%	0%
			Bentonite Clay	14808-60-7	2%	0%
			Surfactant	68439-51-0	2%	0%
BC-1	Benchmark	Breaker Catalyst	Triethanolamine	102-71-6	100%	0%
			Diethanolamine	111-42-2	30%	0%
GB-2	Fritz Industries, Inc.	Breaker	Ammonium Persulfate	7727-54-0	100%	0%
GB-150	Chemplex, L.C.	Breaker	Non-hazardous ingredients	NA	100%	0%
NE-212	Chemplex, L.C.	Non-emulsifier	Isopropanol	67-63-0	5%	0%
			Methanol	67-56-1	50%	0%
			Alkyl Quanternary Ammonium Chlorides	Mixture	25%	0%
			Diethanolamine	111422	0.9%	0%
			1,3-propanediol, 2-amino-2(hm)-polymer	Trade Secret	8%	0%
			2-Butoxy-1-ethanol	111-76-2	7%	0%
			Cocamide Diethanolamine Salt	68603-42-9	2%	0%
NE-214	Chemplex, L.C.	Non-emulsifier	Isopropanol	67-63-0	12%	0%
			Methanol	67-56-1	40%	0%
			Alkyl Quanternary Ammonium Chlorides	Mixture	20%	0%
FA-520	Chemplex, L.C.	Foaming Agent	Methanol	67-56-1	40%	0%
			Fatty Alkyl Amine Salt	Not Established	40%	0%
FE-360	Chemplex, L.C.	Iron Control Additive	Cupric Chloride Dihydrate	10125-13-0	7%	0%
			Thioglycol	60-24-2	80%	0%
S-222	Chemplex, L.C.	Flouro Surfactant	Methanol	67-56-1	100%	0%
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: <u>Signed Electronically</u>		Printed Name: <u>CARIE A STOKER</u>		REGULATORY AFFAIRS Title: <u>COORDINATOR</u>		
Date: <u>10/22/2012</u>						
E-mail Address: <u>cstoker@helmsoil.com</u>						

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.