

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. 30-025-40621				
		2. Well Name: CAZA RIDGE 14 STATE #003H				
		3. Well Number: 003H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☐ Original ☒ Amends disclosure submitted on 11/6/2012		4. Surface Hole Location: Unit:O Lot:O Section:14 Township:23S Range:34E Feet from:330 N/S Line:S Feet from:1980 E/W Line:E				
		5. Bottom Hole Location: Unit:B Lot: Section:14 Township:23S Range:34E Feet from:4933 N/S Line:S Feet from:2021 E/W Line:E				
		6. latitude: longitude: 32.2982956467978 - 103.438702354885				
		7. County: Lea				
8. Operator Name and Address: CAZA OPERATING, LLC 200 N LORAIN STE 1550 MIDLAND 79701		9. OGRID: 249099		10. Phone Number: 432-682-7424		
11. Last Fracture Date: 10/27/2012 Frac Performed by: GoFrac LLC		12. Production Type: O				
13. Pool Code(s): 2209		14. Gross Fractured Interval: 11,677 ft to 15,407 ft				
15. True Vertical Depth (TVD): 11,265 ft		16. Total Volume of Fluid Pumped: 41,073 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)
OptiProp-20/40	GoFrac LLC	Proppant	Sand		100%	13.15692%
Sand 100 mesh	GoFrac LLC	Fluid Loss	Sand		100%	0.21166%
Premium White 20/40 Sand	GoFrac LLC	Proppant	Sand		100%	3.87517%
Fresh Water	Caza Operating, LLC	Chemical/Propant/Gel carrier	Water	7647-01-0	100%	76.4873%
Hydrochloric Acid	GoFrac LLC	Solvent	Hydrochloric Acid	7647-01-0	15%	1.5898%
Amonium Persulfate	GoFrac LLC	Breaker	Amonium Persulfate	7727-54-0	100%	0.01368%
Ferriplex 66	GoFrac LLC	Iron Control	Acetic Acid	64-19-7	50%	0.01686%
			citric Acid	77-92-9	30%	0.01012%
			water	7732-18-5	35%	0.0118%
Plexaid 673	GoFrac LLC	Scale Inhibitor	Methyl Alcohol	67-56-1	25%	0.08775%
			Sodium salt of Phosphonodiemthylate Diamine	Trade	5%	0.01755%
			water	7732-18-5	85%	0.29835%
Plexbor 101	GoFrac LLC	CrossLinker	Ethylene Glycol	107-21-1	9.99%	0.04285%
			Potassium Hydroxide	1310-58-3	5%	0.02145%
			Potasium Metaborate	13709-94-9	30%	0.12872%
			water	7732-18-5	75%	0.32181%
Plexbreak 145	GoFrac LLC	NonEmulsifying Surfactant	Cocamide	68603-42-9	10%	0.00097%
			Dethanolamine Salt			
			Dietanolamine	11-42-2	5%	0.00048%
			Ethylene Gylcol Monobutyl Ether	111-76-2	15%	0.00145%
			Methyl Alcohol	67-56-1	15%	0.00145%
Plexcide P-5	GoFrac LLC	Biocide	water	732-18-5	66%	0.00639%
			Methyl Alcohol	67-56-1	20%	0.02289%
			Tribuyl Tetradecyl Phosphonium cholride	81741-28-8	5%	0.00572%
Plexgel 907L-EB	GoFrac LLC	Gelling agent	Water	7732-18-5	75%	0.08584%
			Distillate,Petroleum, Hydrotreated light	64742-47-8	50%	0.89915%
			Propylene Pentamer	15220-87-89	50%	0.89915%
			C-11 to C-14 n-alkanes, mixed	1120-21-4,112-40-3, 629-50-5, 629-59-4, 67-56-1	50%	0.89915%
			organohylilic clay	68593-58-2	2%	0.03597%
			Crystalline Silica	14808-60-7	0.02%	0.00036%
			Guar Gum	9000-30-0	48%	0.86318%
			Alcohol Ethoxylate	Trade Secret	1%	0.01798%
			Methyl Alcohol	67-56-1	1%	0.01798%
GB 710-E	GoFrac LLC	Encapulated Breaker	Ammonium Persulfate	7727-54-0	90%	0.01771%
			Vinilidene Chloride-Methyl Acrylate Copolymer	25038-72-6	20%	0.0394%
Plexhib 256	GoFrac LLC	Corrosion Inhibitor	Alcohol Ethoxylate Surfactants	Trade Secret	30%	0.00753%
			Methyl Alcohol	67--56-1	70%	0.01758%
			N-Olefins	Trade Secret	10%	0.00251%
			Propargyl Alcohol	107-19-7	8%	0.00201%
			Thioures-Formaldehyde Copolymer	68527-49-1	30%	0.00853%
ClayPlex 306	GoFrac LLC	Clay Stabilizer	Methyl Alcohol	67-56-1	14%	0.06335%
			water	7732-18-5	86%	0.38915%
StimOil IOR	CESI Chemical	Proprietary	Isopropal Alchohol	67-63-0	30%	0.16828%
			Citrus Terpenes	94266-47-4	30%	0.16828%
			Water	7732-18-5	30%	0.16828%
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: Richard Wright		Title: _____		
Date: 11/6/2012						
E-mail Address: rwright@cazapetro.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.