

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. 30-025-41802				
		2. Well Name: WEST COPPERLINE 29 FED STATE COM #004H				
		3. Well Number: 004H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:D Section:29 Township:23S Range:34E Feet from:150 N/S Line:N Feet from:660 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot: Section:29 Township:23S Range:34E Feet from:316 N/S Line:S Feet from:714 E/W Line:W				
		6. latitude: 32.2824745940177 longitude: -103.498441730119				
		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: 7/5/2014 Frac Performed by: Nabor's Completion Services		12. Production Type: O				
13. Pool Code(s): 2209		14. Gross Fractured Interval: 11,562 ft to 15,887 ft				
15. True Vertical Depth (TVD): 11,448 ft		16. Total Volume of Fluid Pumped: 2,913,960 gals				
17. Total Volume of Re-Use Water Pumped: 0 gals		18. Percent of Re-Use Water in Fluid Pumped: %				
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)
HCL Acid (12.5%-18.0%)	Nabors Completion	Bulk Acid	20% Baume Hydrochloric Acid	7647-01-0	100%	0.023793%
Acid Inhibitor 3M (AI-3M)	Nabors Completion Services	Acid Corrosion Inhibitors	Water	7732-18-5	100%	0.023322%
			1-DECANOL	112-30-1	5%	8E-05%
			1-OCTANOL	111-87-5	2.5%	4E-05%
			2-Butoxyethanol	111-76-2	7%	0.000112%
			Cinnamaldehyde	104-55-2	6%	9.6E-05%
			Ethaoxylated Nonyphenol	68412-54-4	5%	8E-05%
			Ethylene Glycol	107-21-1	40%	0.000641%
			Isopropyl Alcohol	67-63-0	2.5%	4E-05%
			N,N-Dimethylformamide	68-12-2	20%	0.00032%
KR-153SL	Nabors Completion Services	Biocides	Triethyl Phosphate	78-40-0	2.5%	4E-05%
			2,2-dibromo-3- nitrilopionamide	10222-01-2	20%	0.001055%
ClayTreat LT	Nabors Completion Services	Clay Control Additives	Polyethylene-Glycol	25322-68-3	50%	0.002638%
			Water	7732-18-5	65%	0.0152%
XL-11	Nabors Completion Services	Cross-Linkers	Ethylene Glycol	107-21-1	10%	0.003075%
			Potassium Hydroxide	1310-58-3	5%	0.001538%
			Potassium Metaborate	13709-94-9	30%	0.009225%
			Water	7732-18-5	75%	0.023063%
OB Breaker	Nabors Completion Services	Gel Breakers	Amonium Perulfate	7727-54-0	100%	0.00037%
			Sillica,crystalline quartz	7631-86-9	10%	0.000179%
EXP-F0829-13	Nabors Completion Services	Gel Breakers	Hemicellulase Enzyme	Proprietary	1%	1.2E-05%
LSG-100	Nabors Completion Services	Gelling Agent	Guar Gum	9000-30-0	50%	0.051371%
			Petroleum Distillates	64742-47-8	60%	0.061645%
			Surfactant	68439-51-0	2%	0.002055%
IC-500	Nabors Completion Services	Iron Control Additives	2-Mercaptoethanol or Thioglycol	60-24-2	75%	0.000926%
			Aqua Ammonia	1336-21-6	5%	6.2E-05%
			Cupric Chloride	10125-13-0	7%	8.6E-05%
Super Green Solv-M	Nabors Completion Services	Paraffin & Scale Additives	Aliphatic Hydrocarbons	Proprietary	95%	0.001448%
			Dodecane	Proprietary	14%	0.000213%
			tetradecane	Proprietary	11%	0.000168%
			Tridecane	Proprietary	9%	0.000137%
			Undecane	Proprietary	8%	0.000122%
Super TSC-LTS	Nabors Completion Services	Parraffin & Scale Additives	Water	7732-18-5	60%	0.002784%
Super OW 3	Nabors Completion Services	Surfactants & Foamers	Dimethylcocoamine,bis (chloroethyl) ether,diquaternary ammonium salt	68607-28-3	60%	0.000204%
			Isopropyl Alcohol	67-63-0	60%	0.000204%
			Methanol	67-56-1	30%	0.000102%
Super-Flo RPM	Nabors Completion Services	Surfactants & Foamers	D-Limonene	5989-27-5	20%	0.00429%
			Isopropanol	67-63-0	20%	0.00429%
			N-Methyl Pyrrolidone	872-50-4	30%	0.006435%
			Proprietary	Proprietary	20%	0.00429%
			Proprietary	Proprietary	40%	0.008579%
			IMERYS ProLite 20/40	Nabors Completion Services	Manufactured Proppants	Amorphous Silica
IMERYS ProLite 30/50	Nabors Completion Services	Manufactured Proppant	Cristobalite	14464-46-1	30%	21.721%
			Mulite	1302-93-8	70%	50.682333%
			Amorphous Silica	7631-86-9	15%	0.704801%
			Cristobalite 14464-46-1	30	1.409603%	0%
			Mulite	1302-93-8	70%	3.289073%
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: Richard Wright Title: _____						
Date: 7/21/2014						
E-mail Address: rwright@cazapetro.com						

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