

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: 30-025-41536				
		2. Well Name: WEST COPPERLINE 29 FED STATE COM #003H				
		3. Well Number: 003H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: C Lot: C Section: 29 Township: 23S Range: 34E Feet from: 150 N/S Line: N Feet from: 1980 E/W Line: W				
		5. Bottom Hole Location: Unit: N Lot: Section: 29 Township: 23S Range: 34E Feet from: 314 N/S Line: S Feet from: 2027 E/W Line: W				
		6. Latitude: Longitude: 32.2824763014277 - 103.494150147548				
		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: 2/20/2014 Frac Performed by: Nabors Completion & Production Services		12. Production Type: O				
13. Pool Code(s): 97965		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 11,416 ft		16. Total Volume of Fluid Pumped: 2,414,538 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)
Water	Caza Operating, LLC	Water	Water	7732-18-5	100%	85.0616382%
HCL Acid (12.5%-18.0%)	Nabors Completion	Bulk Acid	Hydrogen Chloride	7647-01-0	18%	0.200471%
Acid Inhibitor 3M(AL-3M)	Nabors Completion	Acid Corrosion	Water	732-18-5	87.5%	0.97451%
			1-DECANOL	112-30-1	5%	0.000227%
			1-OCTANOL	111-87-5	2.5%	0.000113%
			2-Butoxyethanol	111-76-2	7%	0.000318%
			Cinnamaldehyde	104-55-2	6%	0.000272%
			Ethoxylated Nonyphenol	68412-54-4	5%	0.000227%
			Ethylene Glycol	107-21-1	40%	0.001816%
			Isopropyl Alcohol	67-63-0	2.5%	0.000113%
			N,N-Dimethylformamide	68-12-2	20%	0.000908%
			Polyethylene-Glycol	25322-68-3	1%	4.5E-05%
			Tar bases,quinoline derivs,benzyl chloride	72480-70-7	13%	0.00059%
			Triethyl Phosphate	78-40-0	2.5%	0.000113%
			Water	7732-18-5	25%	0.001135%
KR-153SL	Nabors Completion	Biocides	2,2-dibromo-3-nitrilopropionamide	10222-01-2	20%	0.004799%
ClayTreat LT	Nabors Completion	Clay Control Additives	Polyethylene-Glycol	25322-68-3	50%	0.01197%
			water	7732-18-5	80%	0.019196%
			ammonium,(2-Hydroxyethyl) trimethyl-,chl	67-48-1	80%	0.079245%
XL-11	Nabors Completion	Cross Linker	water	7732-18-5	65%	0.064386%
			Ethylene Glycol	107-21-1	10%	0.010908%
			Potassium Hydroxide	1310-58-3	5%	0.005454%
OB-2	Nabors Completion	Gel Breaker	Potassium Metaborate	13709-94-9	30%	0.032724%
			water	7732-18-5	75%	0.08181%
			Ammonium Persulfate	7727-54-0	100%	0.006947%
EXP-F0829-13	Nabors Completion	Gel Breaker	Sillica, Crystalline quartz	7631-86-9	10%	0.000695%
			vinylidene chloride-methyl acrylate coplyn	25038-72-6	25%	0.001737%
			Proprietary		1%	6.6E-05%
LSG-100	Nabors Completion	Gelling Agents	Hemicellulase Enzyme	Proprietary	1%	0.001322%
			Proprietary		1%	0.00595%
			Proprietary		1%	0.007028%
IC-500	Nabors Completion	Iron Control Additives	Crystalline Silica (in the form of quartz)	14808-60-7	2%	0.007028%
			guar gum	9000-30-0	50%	0.175702%
			Organophylic Clay	68953-58-2	2%	0.007028%
			Petroleum Distillates	64742-47-8	60%	0.210842%
Super Green Solvent-M	Nabors Completion	Paraffin & Scale Additives	Surfactant	68439-51-0	2%	0.007028%
			2-Mercaptoethanol or Thioglycol	60-24-2	75%	0.002627%
			Aqua Ammonia	1336-21-6	5%	0.000175%
			Cupric Chloride	10125-13-0	7%	0.000245%
Super TSC-LTS	Nabors Completion	Paraffin & Scale Additives	Potassium Iodide	7681-11-0	1%	3.5E-05%
			water	7732-18-5	7%	0.000245%
			Aliphatic Hydrocarbons	Proprietary	95%	0.005%
			Dodecane	Proprietary	14%	0.000737%
Super OW 3	Nabors Completion	Surfactants & Foamers	tetradecane	Proprietary	11%	0.000579%
			Tridecane	Proprietary	9%	0.000474%
			Undecane	Proprietary	8%	0.000421%
			Proprietary	Proprietary	15%	0.003046%
Super-Flo RPM	Nabors Completion	Surfactants & Foamers	Proprietary	Proprietary	15%	0.003046%
			Proprietary	Proprietary	15%	0.003046%
			Proprietary	Proprietary	15%	0.003046%
			water	7732-18-5	60%	0.012183%
TX Specific 40/70 mesh sand	Nabors Completion	Sand-Bulk	Dimethylcocoamine,bis(chlorethyl)ether	68607-28-3	60%	0.00058%
			Dimethyldiallylammonium chloride	7398-69-8	5%	4.8E-05%
			Isopropyl Alcohol	67-63-0	60%	0.00058%
			Methanol	67-56-1	30%	0.00029%
Carbo Cramics Carbo Lite 20/40	Nabors Completion	Proppant	Water	7732-18-5	60%	0.00058%
			D-Limonene	5989-27-5	20%	0.017781%
			Isopropanol	67-63-0	20%	0.017781%
			Proprietary	Proprietary	20%	0.017781%
TX Specific 40/70 mesh sand	Nabors Completion	Sand-Bulk	Proprietary	Proprietary	40%	0.035562%
			Proprietary	Proprietary	10%	0.00889%
			water	7732-18-5	40%	0.035562%
			Aluminum Oxide	1344-28-1	1.1%	0.003865%
Carbo Cramics Carbo Lite 20/40	Nabors Completion	Proppant	Crystalline Silica, quartz	14808-60-7	99.9%	0.351053%
			Iron Oxide	1309-37-1	0.1%	0.000351%
			Titanium Oxide	13463-67-7	0.1%	0.000351%
			Mullite	1302-93-8	85%	10.83976%
Carbo Cramics Carbo Lite 20/40	Nabors Completion	Proppant	Silica Crystalline-Cristobalite	14464-46-1	20%	2.550532%
			Siicon Dioxide	7631-86-9	35%	4.463431%
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: 3/11/2014						
E-mail Address: rwright@cazapetro.com						

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