

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: 30-025-40451				
		2. Well Name: LENNOX 32 STATE #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:A Lot:A Section:32 Township:22S Range:35E Feet from:330 N/S Line:N Feet from:660 E/W Line:E				
		5. Bottom Hole Location: Unit:P Lot: Section:32 Township:22S Range:35E Feet from:338 N/S Line:S Feet from:606 E/W Line:E				
		6. latitude: 32.3545192760839 longitude: - 103.383133558042				
		7. County: Lea				
8. Operator Name and Address: CAZA OPERATING, LLC 200 N LORRAINE STE 1550 MIDLAND 79701		9. OGRID: 249099		10. Phone Number: 432-682-7424		
11. Last Fracture Date: 5/6/2013 Frac Performed by: Nabors Completion Group		12. Production Type: O				
13. Pool Code(s): 52766		14. Gross Fractured Interval: 9,949 ft to 11,479 ft				
15. True Vertical Depth (TVD): 11,429 ft		16. Total Volume of Fluid Pumped: 44,662 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	Caza Operating	Carrying Fluid	Water	7732-18-5	100%	84.6410881%
HCL Acid	Nabors Completion Services	Bulk Acid	Hdrogen Chloride	7647-01-0	18%	0.238789%
			water	7732-18-5	87.5%	1.160778%
Acid Inhibitor	Nabors Completion Services	Acid Corrosioin Inhibitors	2-Butoxyethanol	111-76-2	7%	0.000379%
			Cinnamaldehyde	104-55-2	5%	0.00027%
			Ethoxylated Nonyphenol	68412-54-4	10%	0.000541%
			Ethylene Glycol	107-21-1	60%	0.003244%
			Isopropyl Alcohol	67-63-0	7%	0.000379%
			N,N-Demethylformanide	68-12-2	40%	0.002163%
			Polyethylene-Glycol	25322-68-3	5%	0.00027%
			Tar bases,quinoline derivs,benzyl Chloride	72480-70-7	13%	0.000703%
			Triethyl Phosphate	78-40-0	7%	0.000379%
			water	7732-18-5	25%	0.001352%
KR-153SL	Nabors Completion Services	Biocides	2,2-dibromo-3- nitrilopropionamide	10222-01-2	20%	0.004569%
			polyethylene-Glycol	25322-68-3	50%	0.011422%
			water	7732-18-5	80%	0.018275%
XL-11	Nabors Completion Services	Cross- Linker	Ethylene Glycol	107-21-1	10%	0.011924%
			Potassium Hydroxide	1310-58-3	5%	0.005962%
			Potassium Metaborate	13709-94-9	30%	0.035771%
			water	7732-18-5	75%	0.089427%
OB Breaker	Nabors Completion Services	Gel Breaker	Ammonium Persulfate	7727-54-0	100%	0.002359%
OB-2	Nabors Completion Services	Gel Breaker	Ammonium Persulfate	7727-54-0	100%	0.069661%
			Sillica,crystalline quartz	7631-86-9	10%	0.006966%
			vinylidene chloride- methyl acrylate copolymer	25038-72-6	20%	0.013932%
LSG-100	Nabors Completion Services	Gelling Agent	Crystalline Silica (in the form of quartz)	14808-60-7	2%	0.00761%
			quar gum	9000-30-0	50%	0.190251%
			Organophylic Clay	68953-58-2	2%	0.00761%
			Petroleum Distillates	64742-47-8	60%	0.228301%
			Surfactant	68439-51-0	2%	0.00761%
IC-500	Nabors Completion Services	Iron Control Additeves	2-Mercaptoethanol or Thioglycol	60-24-2	75%	0.003127%
			Aqua Ammonia	1336-21-6	5%	0.000208%
			Cupric Chloride	10125-13-0	7%	0.000292%
			Potassium Iodide	7681-11-0	1%	4.2E-05%
			Water	7732-18-5	7%	0.000292%
Super LT Resin Activator	Nabors Completion Services	Proppant- Manufacturer	Alcohols,C12-14- secondary	126950-60-5	1%	0.000611%
			Alcohols,C12-14- Secondary,Ethoxylated	Proprietary	1%	0.006106%
			Isopropyl Alcohol	67-63-0	60%	0.036636%
			Polyethylene-Glycol	25322-68-3	1%	0.000611%
			Proprietary	Proprietary	80%	0.048848%
Super OW 3	Nabors Completion Services	Surfactants & Foarmers	Dimethylcocoamine, bis (chloroethyl) ether, diquaternary ammonium salt	68607-28-3	60%	0.00069%
			Dimethyldiallyammonium chloride	7398-69-8	5%	5.7E-05%
			Isopropyl Alcohol	67-63-0	60%	0.00069%
			Methanol	67-56-1	30%	0.000345%
			water	7732-18-5	60%	0.00069%
Super-Flo RPM	Nabors Completion Services	Surfactants & Foarmers	D-Limonene	5989-27-5	20%	0.01672%
			Isopropanol	67-63-0	20%	0.01672%
			N-Methyl Pyrrolidone	872-50-4	30%	0.02508%
			Proprietary	Proprietary	20%	0.01672%
			Proprietary	Proprietary	40%	0.03344%
			Proprietary	Proprietary	25%	0.0209%
			Proprietary	Proprietary	10%	0.00836%
Santrol OptiProp 20/40	Nabors Completion Services	Proppants- Manufacturer -Santrol	Aluminum Oxide	1344-28-1	1%	0.074043%
			Crystalline Silica (Quartz)	14808-60-7	89%	6.58987%
			Iron Oxide	1309-37-1	0.1%	0.007404%
			Phenolic Resin	9003-35-4	20%	1.48087%
			Titanium Oxide	13463-67-7	0.1%	0.007404%
Momentive Prime Plus 40/70	Nabors Completion Services	Proppants- Manufacture Momentive	Aluminum Oxide	1344-28-1	1%	0.00585%
			Crystalline Silica (Quartz)	14808-60-7	89%	0.520648%
			Iron Oxide	1309-37-1	0.1%	0.000585%
			Phenolic resin	9003-35-4	20%	0.116999%
			Titanium Oxide	13463-67-7	0.1%	0.000585%
Momentive SB Excel 20/40	Nabors Completion Services	Proppants- Manufacturer -Momentive	Aluminum Oxide	1344-28-1	1%	0.05293%
			Crystalline Silica (Quartz)	14808-60-7	89%	4.710747%
			Iron Oxide	1309-37-1	0.1%	0.005293%
			Phenolic Resin	9003-35-4	20%	1.058595%
			Titanium Oxide	13463-67	0.1%	0.005293%
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: 6/11/2013						
E-mail Address: rwright@cazapetro.com						
NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.						