

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: 30-015-42307				
		2. Well Name: FOREHAND 22 STATE #001				
		3. Well Number: 001				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:O Lot:O Section:22 Township:23S Range:27E Feet from:660 N/S Line:S Feet from:1980 E/W Line:E				
		5. Bottom Hole Location: Unit:O Lot:O Section:22 Township:23S Range:27E Feet from:660 N/S Line:S Feet from:1980 E/W Line:E				
		6. latitude: 32.2850688429306 longitude: -104.176016595744				
		7. County: Eddy				
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: 11/8/2014 Frac Performed by: Nabors Completion and Production Services		12. Production Type: O				
13. Pool Code(s): 10410		14. Gross Fractured Interval: 2,263 ft to 2,273 ft				
15. True Vertical Depth (TVD): 4,035 ft		16. Total Volume of Fluid Pumped: 6,888 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)
KR-153SL	Nabors Completion & Production Ser.	Biocides	2,2-dibromo-3-nitrilopropionamide	10222-01-2	20%	0.001983%
			Polyethylene-Glycol	25322-68-3	50%	0.004958%
			Water	7732-18-5	55%	0.005454%
ClayTreat LT	Nabors Completion & Production Ser.	Clay Control Additives	Water	7732-18-5	65%	0.011483%
			ammonium, (2-Hydroxyethyl) trimethyl-Chloride	67-48-1	80%	0.014132%
XL-11	Nabors Completion & Production Ser	Cross-Linkers	Ethylene Glycol	107-21-1	10%	0.001858%
			Potassium Hydroxide	1310-58-3	5%	0.000929%
			Potassium Metaborate	13709-94-9	30%	0.005574%
			Water	7732-18-5	75%	0.013935%
OB Breaker	Nabors Completion & Production Ser.	Gel Breaker	Ammonium Persulfate	7727-54-0	100%	0.001221%
EB-20L	Nabors Completion & Production Ser.	Gel Breaker	Hemicellulase Enzyme	Proprietary	1%	2.3E-05%
LSG-100	Nabors Completion & Production Ser.	Gelling Agents	Guar Gum	9000-30-0	50%	0.049501%
			Petroleum Distillates	64742-47-8	60%	0.059401%
			Surfactant	68439-51-0	2%	0.00198%
			Crystalline Silica (in the form of quartz)	14808-60-7	2%	0.00198%
			Organophylic Clay	68953-58-2	2%	0.00198%
Super LT Resin Activator	Nabors Completion & Production Ser.	Proppants Manufactured	Isopropyl Alcohol	67-63-0	60%	0.013506%
			Proprietary	Proprietary	80%	0.018008%
			Alcohols, C12-14-Secondary	126950-60-5	1%	0.000225%
			Polyethylene-Glycol	25322-68-3	1%	0.000225%
Super Greem Solvent M	Nabors Completion & Production Ser.	Paraffin & Scale Additives	Aliphatic Hydrocarbons	Proprietary	95%	0.222349%
			Dodecane	Proprietary	14%	0.032767%
			tetradecane	Proprietary	11%	0.025746%
			Undecane	Proprietary	8%	0.018724%
			tridecane	Proprietary	9%	0.021065%
Super TSC 2 LTS	Nabors Completion & Production Ser	Paraffin & Scale Additives	AMINO METHYLENE PHOSPHONIC ACID SALT	68649-44-5	80%	0.002274%
			Methanol	67-56-1	20%	0.008393%
Momentive Black Ultra 16/30	Nabors Completion & Production Ser.	Manufactured Proppants	Quartz (SiO2)	14808-60-7	100%	85.831516%
			Furfuryl Alcohol	98-00-0	1%	0.855315%
Water	Caza Operating, LLC	Water	Water	7732-18-5	100%	14.031378%
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: 11/25/2014						
E-mail Address: nwright@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.