

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. 30-025-41270				
		2. Well Name: LENNOX 32 STATE #004H				
		3. Well Number: 004H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:32 Township:22S Range:35E Feet from:330 N/S Line:S Feet from:660 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section:32 Township:22S Range:35E Feet from:330 N/S Line:S Feet from:660 E/W Line:W				
		6. latitude: longitude: 32.3418007 -103.3959503				
		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: 9/8/2016 Frac Performed by: Sanjel		12. Production Type: O				
13. Pool Code(s): 52766		14. Gross Fractured Interval: 11,217 ft to 11,229 ft				
15. True Vertical Depth (TVD): 11,218 ft		16. Total Volume of Fluid Pumped: 3,909,691 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
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)
15% HCL	Sanjel	Acid	Hydrogen Chloride Anhydrous	7647-01-0	40%	78%
Base Fluid	Operator	Base Fluid	Water	7732-18	100%	100%
1% Breaker	Sanjel	Break Fluid	ammonium persulfate	7727-54-0	1%	0.00026%
AI8	Sanjel	Acid Inhibitor	Isopropanol	67-63-0	40%	0.00143%
			Polyoxyalkylenes	proprietary	30%	0.00107%
			Fatty Acids	Proprietary	30%	0.00107%
			Modified Thiorea Polymer	Proprietary	30%	0.00107%
Aqucar DB 20	Dow	Biocide	Polyethylene Glycol 2, 2 - Dibromo - 3 -Nitrilopropionamide	25322-68-3 10222-01-2	54.5% 20%	0.00621% 0.00228%
			Dibromoacetoniiritle	3252-43-5	3%	0.00034%
			Sodium Bromide	7647-15-6	4%	0.00046%
			Base N10	Sanjel	High pH Buffer	Sodium Hydroxide Sodium Chloride
BX-8L	Sanjel	Crosslinker	Boric Acid	1333-73-9	30%	0.03062%
Citric Acid 50%	Brenntag	Iron Sequestering Agent	Citric Acid Water	77-92-9 7732-18-5	60% 50%	0.00818% 0.00682%
D3	Sanjel	Demulsifier	Soduim 2 - Ethylhexyl Sulphate	126-92-1	70%	0.0014%
DF-1	Sanjel	Defoamer	Non Hazardous Ingredients	na	100%	0.00091%
FRW-4	Sanjel	Friction Reducer	Non Hazardous Ingredients	na	100%	0.03413%
NE-7	Sanjel	Non- Emulsifier	Benzenesulfonic acid, C10-16-alkyl deribatives.	68584-22-5	30%	0.00027%
			Hexylene glycol	107-41-5	40%	0.00036%
			Diethylenetriamine	111-40-0	5%	4E-05%
WG-2BL	Sanjel	Gellant	No hazardous ingredients Guar Gum	na 9000-30-0	100%	0.04641% 0.10218%
ProLite Proppant	Imersys	Proppant	Ceramic materials and wares, chemicals	66402-68-4	100%	26.04516%
StimOil AHS	CESI Chemical	Non-Emulsifier	Isopropyl Alcohol	67-63-0	13%	0.01824%
			Citrus Terpenes	68647-72-3	30%	0.04209%
			Sulfonated Surfactant	na	30%	0.04209%
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: Mary Eschberger		Title: _____		
Date: 9/13/2016						
E-mail Address: mary.wtor@gmail.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.