

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: 30-015-42595							
		2. Well Name: RUGER 31 B3EH FEDERAL #002H							
		3. Well Number: 002H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:E Lot:2 Section:31 Township:19S Range:29E Feet from:2345 N/S Line:N Feet from:185 E/W Line:W							
		5. Bottom Hole Location: Unit:H Lot:H Section:31 Township:19S Range:29E Feet from:1691 N/S Line:N Feet from:353 E/W Line:E							
		6. Latitude: 32.6182137298744 Longitude: -104.121324834844							
		7. County: Eddy							
8. Operator Name and Address: MEWBOURNE OIL CO PO Box 5270 Hobbs 88241		9. OGRID: 14744	10. Phone Number: 575-393-5905						
11. Last Fracture Date: 12/3/2014 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 65010		14. Gross Fractured Interval: 8,878 ft to 8,909 ft							
15. True Vertical Depth (TVD): 8,893 ft		16. Total Volume of Fluid Pumped: 3,521,322 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)			
Water	Operator	Carrier	Water	7732-18-5	100%	91.09901%			
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.04423%			
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.0404%			
			Methanol	67-56-1	50%	0.02886%			
			Polyethylene glycol	25322-68-3	5%	0.00289%			
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00758%			
GBW-5	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00543%			
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.0003%			
			Methanol	67-56-1	60%	0.00061%			
			Olefin	Trade Secret	5%	5E-05%			
			Polyoxyalkylenes	Trade Secret	30%	0.0003%			
			Propargyl Alcohol	107-19-7	10%	0.0001%			
			Thiourea Polymer	68527-49-1	30%	0.0003%			
FRW-18	Baker Hughes	Friction Reducer	Hydrotreated Light Distillate	64742-47-8	30%	0.03028%			
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00125%			
			Ammonium Hydroxide	1336-21-6	5%	6E-05%			
			Cupric Chloride	7447-39-4	5%	6E-05%			
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Propylene Glycol	57-55-6	15%	0.00017%			
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	3.12454%			
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	3.49502%			
Oil Plus	Baker Hughes	Proppant	Crystalline Silica: Quartz	14808-60-7	100%	1.38516%			
Flo-Back 40	Baker Hughes	Surfactant	Water	7732-18-5	80%	0.04428%			
Ingredients shown above are subject to 29 CFR 1910			Alcohols, C12-16, ethoxylated	Trade Secret	0%	0.0020188%			
			Ammonium Chloride	12125-02-9	0%	0.0030282%			
			Benzenesulfonic acid, hexadecyl (sulfophenoxy)-, disodium salt	Trade Secret	0%	2.33E-05%			
			Cocamidopropyl betaine	Trade Secret	0%	0.0110712%			
			Cocamidopropylamide oxide	Trade Secret	0%	0.0110712%			
			Formaldehyde	50-00-0	0%	5E-07%			
			Glycerol	56-81-5	0%	0.0005536%			
			Methanol	67-56-1	0%	6.32E-05%			
			Nonionic glycol ester	Trade Secret	0%	0.0002908%			
			Oleamide DEA	93-83-4	0%	0.0020188%			
			Poly (acrylamide-co-acrylic acid) partial sodium salt	Trade Secret	0%	0.0302815%			
			Polyoxyethylene	9005-65-6	0%	0.0005047%			
			Sorbitan Monooleate	7647-14-5	0%	0.0166118%			
			Sodium Chloride	Trade Secret	0%	0.0050469%			
			Sodium lauriminodipropionate	Trade Secret	0%	1.16E-05%			
			Sodium octylimodipropionate	Trade Secret	0%	3.49E-05%			
			Sorbitan Monooleate	Trade Secret	0%	0.0005047%			
			Water	7732-18-5	0%	0.6050333%			
			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: NM Young		Title: Manager				
Date: 1/2/2015									
E-mail Address: rterrell@mewbourne.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.