

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					
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO: 30-015-42474					
		2. Well Name: RUGER 31 B2EH FEDERAL #001H					
		3. Well Number: 001H					
		4. Surface Hole Location: Unit:E Lot:2 Section:31 Township:19S Range:29E Feet from:2310 N/S Line:N Feet from:50 E/W Line:W					
5. Bottom Hole Location: Unit:H Lot:2 Section:31 Township:19S Range:29E Feet from:1980 N/S Line:N Feet from:341 E/W Line:E							
6. latitude: 32.618312384262		longitude: -104.121765861775					
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: 11/29/2014 Frac Performed by: Baker Hughes		12. Production Type: O					
13. Pool Code(s): 65010		14. Gross Fractured Interval: 7,654 ft to 7,735 ft					
15. True Vertical Depth (TVD): 7,694 ft		16. Total Volume of Fluid Pumped: 2,727,606 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%	87.22013%	
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.05467%	
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.0188%	
			Methanol	67-56-1	50%	0.01343%	
Alpha 125	Baker Hughes	Biocide	Polyethylene glycol	25322-68-3	5%	0.00134%	
GBW-5	Baker Hughes	Breaker	Glutaraldehyde	111-30-8	30%	0.00813%	
			Ammonium Persulphate	7727-54-0	100%	0.00173%	
Enzyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in the non-MSDS section of the report	NA	0%	0%	
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00153%	
BF-9L, 300 gal tote	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.01168%	
CI-14	Baker Hughes	Corrosion Inhibitor	Potassium Hydroxide	1310-58-3	30%	0.00584%	
			Fatty Acids	Trade Secret	10%	0.00012%	
			Methanol	67-56-1	100%	0.00122%	
			Olefin	Trade Secret	5%	6E-05%	
			Polyoxyalkylenes	Trade Secret	30%	0.00037%	
			Propargyl Alcohol	107-19-7	5%	6E-05%	
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	25%	0.01575%	
			Sodium Hydroxide	1310-73-2	9%	0.00567%	
			Sodium Tetraborate	1330-43-4	12%	0.00756%	
FRW-18	Baker Hughes	Friction Reducer	Hydrotreated Light Distillate	64742-47-8	30%	0.00992%	
GW-3	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	100%	0.12825%	
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00155%	
			Ammonium Hydroxide	1336-21-6	5%	8E-05%	
			Cupric Chloride	7447-39-4	5%	8E-05%	
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Propylene Glycol	57-55-6	15%	0.00378%	
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.59325%	
BDX93148 Oil Plus, 20/40, bulk	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	1.09693%	
Ingredients shown above are subject to 29 CFR 1910			Alcohols, C12-16, ethoxylated	Trade Secret	0%	0.0006611%	
			Ammonium Chloride	12125-02-9	0%	0.0009917%	
			Benzenesulfonic acid, hexadecyl (sulfophenoxy)-, disodium salt	Trade Secret	0%	0.0005039%	
			Formaldehyde	50-00-0	0%	1.22E-05%	
			Hemicellulase	9025-56-3	0%	0.0007195%	
			Enzyme Concentrate				
			Hydrated Magnesium Silicate	Trade Secret	0%	1.53E-05%	
			Hydrochloric Acid	7647-01-0	0%	1.22E-05%	
			Methanol	67-56-1	0%	6.77E-05%	
			Modified Thiourea	68527-49-1	0%	8.56E-05%	
			Polymer				
			Nonionic glycol ester	Trade Secret	0%	0.0062982%	
			Oleamide DEA	93-83-4	0%	0.0006611%	
			Poly (Tetrafluoroethylene)	Trade Secret	0%	7.7E-06%	
			Poly (acrylamide-co-acrylic acid) partial sodium salt	Trade Secret	0%	0.0099166%	
			Polyoxythylene Sorbitan Monooleate	9005-65-6	0%	0.0001653%	
			Sodium Chloride	Trade Secret	0%	0.0016528%	
			Sodium lauriminodipropionate	Trade Secret	0%	0.0002519%	
			Sodium octylimodipropionate	Trade Secret	0%	0.0007558%	
			Sorbitan Monooleate	Trade Secret	0%	0.0001653%	
			Vinylidene Chloride-Methyl Acrylate Polymer	Trade Secret	0%	0.0003835%	
			Water	7732-18-5	0%	0.7546099%	
	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.