

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: 30-015-43063							
		2. Well Name: RUGER 31 B3DA FEDERAL #002H							
		3. Well Number: 002H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:1 Section:31 Township:19N Range:29E Feet from:960 N/S Line:N Feet from:290 E/W Line:W							
		5. Bottom Hole Location: Unit:A Lot: Section:31 Township:19S Range:29E Feet from:334 N/S Line:N Feet from:335 E/W Line:E							
		6. latitude: longitude: 35.837614319235 -103.908687800998							
		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: 7/23/2015 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 65010		14. Gross Fractured Interval: 8,876 ft to 8,903 ft							
15. True Vertical Depth (TVD): 8,890 ft		16. Total Volume of Fluid Pumped: 5,534,298 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%	86.944917%			
HCl, 7.6 - 10%	Baker Hughes	Acidizing	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.270937%			
Activator, 330 gal tote	Baker Hughes	Activator	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0357049%			
Alpha 125	Baker Hughes	Biocide	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0201234%			
GBW-5	Baker Hughes	Breaker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0048079%			
CI-14	Baker Hughes	Corrosion Inhibitor	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0003007%			
FRW-18	Baker Hughes	Friction Reducer	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0580853%			
Ferrotrol 280L	Baker Hughes	Iron Control	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.000675%			
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0008664%			
Sand, White, 30/50	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	4.05692%			
Sand, White, 100 mesh	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	7.64619%			
OilPlus Bulk (30/50)	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.903066%			
S-200	Baker Hughes	Surfactant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0406662%			
Ingredients in Additive(s) (MSDS and non-MSDS)	Baker Hughes	See Trade Name(s) List	2-Mercaptoethanol	60-24-2	100%	0.0006749%			
			Alcohols, C10-16, ethoxylated propoxylated	69227-22-1	5%	0.0020329%			
			Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.0249886%			
			Alcohols, C12-16, ethoxylated	68551-12-2	2%	0.0011615%			
			Alcohols, C6-12, ethoxylated propoxylated	68937-66-6	5%	0.0020329%			
			Alcohols, ethoxylated	68551-12-2	4%	0.0016263%			
			Amines, unsatd. alkyl, ethoxylated	68155-39-5	2%	0.0008132%			
			Ammonium Chloride	12125-02-9	3%	0.0017422%			
			Ammonium Hydroxide	1336-21-6	5%	3.37E-05%			
			Ammonium Persulphate	7727-54-0	100%	0.0048069%			
			Benzyl Chloride	100-44-7	1%	8.7E-06%			
			Bis (hydroethyl) cocamine	68439-72-5	1%	8.7E-06%			
			Crystalline Silica (Quartz)	14808-60-7	100%	11.7008691%			
			Cupric Chloride	7447-39-4	5%	3.37E-05%			
			Ethanol	64-17-5	10%	0.0040658%			
			Ethoxylated Nonylphenol	9016-45-9	5%	4.33E-05%			
			Fatty Acids	61790-12-3	10%	3.01E-05%			
			Formaldehyde	50-00-0	1%	3E-06%			
			Glutaraldehyde	111-30-8	30%	0.0060359%			
			Hydrochloric Acid	7647-01-0	10%	0.0270916%			
			Hydrotreated Light Distillate	64742-47-8	30%	0.0174223%			
			Isopropanol	67-63-0	30%	0.0002599%			
			Methanol	67-56-1	100%	0.0182%			
			Modified Thiourea Polymer	68527-49-1	7%	2.1E-05%			
			Oleamide DEA	93-83-4	2%	0.0011615%			
			Olefin	64743-02-8	5%	1.5E-05%			
			Olefin Sulfonate	30965-85-6	30%	0.0005198%			
			Poly (acrylamide-co-acrylic acid) partial sodium salt	62649-23-4	30%	0.0174223%			
			Polyester	68511-95-1	15%	0.0001299%			
			Polyethylene glycol	25322-68-3	5%	0.0017849%			
			Polyoxyalkylenes	68951-67-7	30%	9.02E-05%			
			Polyoxythylene	9005-65-6	0.5%	0.0002904%			
			Sorbitan Monooleate						
			Propargyl Alcohol	107-19-7	5%	1.5E-05%			
			Quartz (Silica)	14808-60-7	100%	0.902893%			
			Quaternary Amine Compounds	61789-68-2	30%	0.0002599%			
			Sodium Chloride	7647-14-5	5%	0.0029037%			
			Sorbitan Monooleate	1338-43-8	0.5%	0.0002904%			
			Water	7732-18-5	90%	0.3133007%			
			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: 9/3/2015						
			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.