

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: 30-015-42713							
		2. Well Name: ZIRCON 12 7 B2JK FEDERAL COM #001H							
		3. Well Number: 001H							
		4. Surface Hole Location: Unit:K Lot:K Section:12 Township:19S Range:29E Feet from:2585 N/S Line:S Feet from:2055 E/W Line:W							
5. Bottom Hole Location: Unit:K Lot: Section:7 Township:19S Range:30E Feet from:1742 N/S Line:S Feet from:2239 E/W Line:W									
6. latitude: 32.6748681379925 longitude: -104.03022114526									
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: 12/24/2014 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 60660		14. Gross Fractured Interval: 8,149 ft to 8,232 ft							
15. True Vertical Depth (TVD): 8,191 ft		16. Total Volume of Fluid Pumped: 3,061,548 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%	91.09433%			
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.02464%			
			Methanol	67-56-1	50%	0.0176%			
			Polyethylene glycol	25322-68-3	5%	0.00176%			
			Glutaraldehyde	111-30-8	30%	0.0055%			
Alpha 125	Baker Hughes	Biocide	Ammonium Persulphate	7727-54-0	100%	0.00071%			
GBW-5	Baker Hughes	Breaker							
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%	0.00246%			
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	25%	0.00723%			
			Sodium Hydroxide	1310-73-2	9%	0.0026%			
			Sodium Tetraborate	1330-43-4	12%	0.00347%			
FRW-18	Baker Hughes	Friction Reducer	Hydrotreated Light Distillate	64742-47-8	30%	0.00334%			
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.11731%			
			Hydrotreated Light Distillate	64742-47-8	30%	0.05866%			
			Mineral Oil	8042-47-5	70%	0.13686%			
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.05866%			
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Propylene Glycol	57-55-6	15%	0.00255%			
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	6.87115%			
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.33252%			
BDX93148 Oil Plus, 20/40, bulk	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	1.20376%			
S-200	Baker Hughes	Surfactant	Ethanol	64-17-5	10%	8E-05%			
Ingredients shown above are subject to 29 CFR 1910			Alcohols, C10-16, ethoxylated propoxylated	Trade Secret	0%	3.96E-05%			
			Alcohols, C12-16, ethoxylated	Trade Secret	0%	0.0002227%			
			Alcohols, C6-12, ethoxylated propoxylated	Trade Secret	0%	3.96E-05%			
			Alcohols, ethoxylated	Trade Secret	0%	3.17E-05%			
			Amines, unsatd. alkyl, ethoxylated	Trade Secret	0%	1.58E-05%			
			Ammonium Chloride	12125-02-9	0%	0.0003341%			
			Benzenesulfonic acid, hexadecyl (sulfophenoxy)-, disodium salt	Trade Secret	0%	0.0003405%			
			Hemicellulase Enzyme Concentrate	9025-56-3	0%	0.0001705%			
			Hydrated Magnesium Silicate	Trade Secret	0%	2.46E-05%			
			Methanol	67-56-1	0%	4.59E-05%			
			Nonionic glycol ester	Trade Secret	0%	0.0042566%			
			Oleamide DEA	93-83-4	0%	0.0002227%			
			Poly (Tetrafluoroethylene)	Trade Secret	0%	1.23E-05%			
			Poly (acrylamide-co-acrylic acid) partial sodium salt	Trade Secret	0%	0.0033408%			
			Polyoxyethylene Sorbitan Monooleate	9005-65-6	0%	5.57E-05%			
			Sodium Chloride	Trade Secret	0%	0.0005568%			
			Sodium lauriminodipropionate	Trade Secret	0%	0.0001703%			
			Sodium octylimodipropionate	Trade Secret	0%	0.0005108%			
			Sorbitan Monooleate	Trade Secret	0%	5.57E-05%			
			Vinylidene Chloride-Methyl Acrylate Polymer	Trade Secret	0%	0.0006156%			
			Water	7732-18-5	0%	0.0295143%			
			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: 1/27/2015						
			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.