

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 February 15, 2012							
		1. WELL API NO. 30-015-41489							
		2. Well Name: ZIRCON 1 HE STATE #001H							
		3. Well Number: 001H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:H Lot:H Section:1 Township:19S Range:29E Feet from:2000 N/S Line:N Feet from:320 E/W Line:E							
		5. Bottom Hole Location: Unit:E Lot:E Section:1 Township:19S Range:29E Feet from:2078 N/S Line:N Feet from:331 E/W Line:W							
		6. Latitude: longitude: 32.6912720756692 - 104.020682070309							
		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: 10/9/2013 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 54600		14. Gross Fractured Interval: 7,063 ft to 7,148 ft							
15. True Vertical Depth (TVD): 7,105 ft		16. Total Volume of Fluid Pumped: 1,407,504 gals							
17. 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%	83.50904%			
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.04423%			
			Methanol	67-56-1	50%	0.03159%			
			Water	7732-18-5	75%	0.01776%			
Alpha 125	Baker Hughes	Biocide	Ammonium persulphate	7727-54-0	100%	0.00249%			
GBW-5	Baker Hughes	Breaker	Tryptone	73049-73-7	5%	0.0011%			
Enzyme G HT-II	Baker Hughes	Breaker	Water	7732-18-5	100%	0.02195%			
			Yeast Extract	08013-01-2	5%	0.0011%			
			Ammonium Persulphate	7727-54-0	100%	0.00285%			
High Perm CRB	Baker Hughes	Breaker	Choline Chloride	67-48-1	75%	0.01452%			
ClayCare, tote	Baker Hughes	Clay Control	Water	7732-18-5	30%	0.00581%			
Clay Master-5C	Baker Hughes	Clay Control	Oxyakylated Amine Quat	138879-94-4	60%	0.01709%			
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.01739%			
			Sodium Hydroxide	1310-73-2	10%	0.0058%			
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.01739%			
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Oxyalkylated Alcohol	Trade Secret	5%	0.00104%			
			Petroleum Distillates	64742-47-8	30%	0.00621%			
			Polyacrylate	Trade Secret	60%	0.01243%			
			Sodium Chloride	7647-14-5	3%	0.00062%			
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.20156%			
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.23515%			
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.23515%			
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.23515%			
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.0432%			
			Propylene Glycol	57-55-6	30%	0.02592%			
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	11.88803%			
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.71259%			
SB Excel 20/40	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	2.65083%			
Ingredients shown above are subject to 29 CFR 1910			Anitfoam	Trade Secret	0%	4.4E-06%			
			Cured Resin	Trade Secret	0%	0.0006831%			
			Glutaraldehyde	111-30-8	0%	0.0071037%			
			Glycerol	56-81-5	0%	0.0003293%			
			Lactose	5989-81-1	0%	0.0002195%			
			Methanol	67-56-1	0%	5.92E-05%			
			Oleate Ester	1338-43-8	0%	0.0006215%			
			Polysorbate	9005-65-6	0%	0.0006215%			
			Sodium Chloride	7647-14-5	0%	1.1E-05%			
			Soy	8002-43-5	0%	8.8E-06%			
			Water	7732-18-5	0%	0.0323146%			
			18. 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: 11/5/2013									
E-mail Address: myoung@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.