

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: 30-015-41307							
		2. Well Name: ZIRCON 1 LI STATE #001H							
		3. Well Number: 001H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:L Lot:L Section:1 Township:19S Range:29E Feet from:1350 N/S Line:S Feet from:120 E/W Line:W							
		5. Bottom Hole Location: Unit:L Lot:L Section:1 Township:19S Range:29E Feet from:2294 N/S Line:S Feet from:341 E/W Line:E							
		6. latitude: 32.6860075600501 longitude: - 104.036511803613							
		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: 7/25/2013 Frac Performed by: Halliburton				12. Production Type: O					
13. Pool Code(s): 60660				14. Gross Fractured Interval: 8,048 ft to 8,059 ft					
15. True Vertical Depth (TVD): 8,055 ft				16. Total Volume of Fluid Pumped: 1,378,247 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)			
Fresh Water	Operator	Base Fluid	Water	7732-18-5	100%	83.99312%			
100 Mesh	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.71329%			
Premium White 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	12.20006%			
CRC 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.68756%			
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.00646%			
			Ammonium acetate	631-61-8	100%	0.02154%			
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01375%			
			Monoethanolamine borate	26038-87-9	100%	0.04583%			
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00221%			
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00529%			
GasPerm 1100	Halliburton	Non-ionic Surfactant	Ethanol	64-17-5	30%	0.02194%			
			Isopropanol	67-63-0	10%	0.00731%			
			Methanol	67-56-1	10%	0.00731%			
			Terpenes and Terpenoids, sweet orange-oil	68647-72-3	5%	0.00366%			
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.0003%			
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.02991%			
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.02991%			
				Confidential Business Information					
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.01373%			
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.14615%			
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00182%			
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00122%			
			Walnut hulls	Mixture	100%	0.00407%			
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%			
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl)azo]-, trisodium salt	915-67-3	0%	0%			
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%			
			Amine salts	Confidential Business Information	0%	0%			
			Amine salts	Confidential Business Information	0%	0%			
			Ammonium chloride	12125-02-9	0%	0%			
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%			
			C.I. Pigment Red 5	6410-41-9	0%	0%			
			Calcium chloride	10043-52-4	0%	0%			
			Crystalline Silica, Quartz	14808-60-7	0%	0%			
			Cured acrylic resin	Confidential Business Information	0%	0%			
			Cured acrylic resin	Confidential Business Information	0%	0%			
			Enzyme	Confidential Business Information	0%	0%			
			Enzyme	Confidential Business Information	0%	0%			
			Ethoxylated fatty acid	Confidential Business Information	0%	0%			
			Ethoxylated fatty acid	Confidential Business Information	0%	0%			
			Ethoxylated fatty acid	Confidential Business Information	0%	0%			
			Ethoxylated fatty acid	Confidential Business Information	0%	0%			
			Fatty acid tall oil amide	Confidential Business Information	0%	0%			
			Methyl Isobutyl Ketone	108-10-1	0%	0%			
			Polyacrylamide copolymer	Confidential Business Information	0%	0%			
			Quaternary amine	Confidential Business Information	0%	0%			
			Quaternary amine	Confidential Business Information	0%	0%			
			Quaternary amine	Confidential Business Information	0%	0%			
			Silica gel	112926-00-8	0%	0%			
			Sodium chloride	7647-14-5	0%	0%			
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%			
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%			
			Surfactant mixture	Confidential Business Information	0%	0%			
			Surfactant mixture	Confidential Business Information	0%	0%			
			Terpenes and terpenoids	Confidential Business Information	0%	0%			
			Water	7732-18-5	0%	0%			
			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: 8/30/2013						
			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.