

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: 30-025-41376							
		2. Well Name: YOUNG 16 NC STATE COM #001H							
		3. Well Number: 001H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:16 Township:18S Range:32E Feet from:330 N/S Line:S Feet from:2040 E/W Line:W							
		5. Bottom Hole Location: Unit:C Lot:C Section:16 Township:18S Range:32E Feet from:335 N/S Line:N Feet from:2062 E/W Line:W							
		6. Latitude: 32.7411501741696 Longitude: - 103.773241456318							
		7. County: Lea							
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: 11/5/2013 Frac Performed by: Halliburton		12. Production Type: O							
13. Pool Code(s): 65330		14. Gross Fractured Interval: 8,917 ft to 9,094 ft							
15. True Vertical Depth (TVD): 9,005 ft		16. Total Volume of Fluid Pumped: 1,520,316 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)			
Fresh Water	Operator				100%	85.425%			
SSA-2	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.67494%			
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	11.08941%			
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.51113%			
			Hexamethylenetetramine	100-97-0	2%	0.05022%			
			Phenol / formaldehyde resin	9003-35-4	5%	0.12556%			
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.0124%			
			Monoethanolamine borate	26038-87-9	100%	0.04134%			
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00208%			
OILPERM FM-7	Halliburton				100%	0%			
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00019%			
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00692%			
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.03453%			
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.03453%			
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.15141%			
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00109%			
			Walnut hulls	Mixture	100%	0.00364%			
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00108%			
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%			
			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%			
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			Enzyme	Confidential Business Information	0%	0%			
			Enzyme	Confidential Business Information	0%	0%			
			Fatty acid tall oil amide	Confidential Business Information	0%	0%			
			Polyacrylamide copolymer	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%			
			Water	7732-18-5	0%	0%			
			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: 12/3/2013						
			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.