

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				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☐ Original ☒ Amends disclosure submitted on 5/23/2012		1. WELL API NO: 30-015-39805				
		2. Well Name: EMPIRE 7 MP FEDERAL #001H				
		3. Well Number: 001H				
		4. Surface Hole Location: Unit:P Lot:4 Section:7 Township:17S Range:29E Feet from:545 N/S Line:S Feet from:85 E/W Line:W				
5. Bottom Hole Location: Unit:P Lot: Section:7 Township:17S Range:29E Feet from:571 N/S Line:S Feet from:342 E/W Line:E		6. latitude: longitude: 32.84342006757 -104.12111662736				
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: 4/10/2012 Frac Performed by: Baker		12. Production Type: O				
13. Pool Code(s): 96210		14. Gross Fractured Interval: 4,050 ft to 4,084 ft				
15. True Vertical Depth (TVD): 4,067 ft		16. Total Volume of Fluid Pumped: 1,198,764 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%	97.56085%
HCl, 7.6 - 10%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	10%	0.03775%
			Water	7732-18-5	90%	0.33971%
GBW-5	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	100%	0.00049%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00171%
			Water	7732-18-5	97%	0.05526%
GBW-18	Baker Hughes	Breaker	Sodium Persulfate	7775-27-1	100%	0.00142%
Clay Master-5C	Baker Hughes	Clay Control	Oxyalkylated Amine Quat	138879-94-4	60%	0.02431%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00011%
			Methanol	67-56-1	60%	0.00022%
			Olefin	Trade Secret	5%	2E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00011%
			Propargyl Alcohol	107-19-7	10%	4E-05%
FRW-14 (Small Tote)	Baker Hughes	Friction Reducer	No Hazardous Ingredients	N.A.	100%	0.13924%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	40%	0.21782%
			Petroleum Distillates Blend	Trade Secret	70%	0.38119%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00161%
			Ammonium Hydroxide	1336-21-6	5%	8E-05%
			Cupric Chloride	7447-39-4	5%	8E-05%
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	0.0051%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.80049%
ScaleSorb 3, (50# bag)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00395%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00013%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01318%
			Phosphonic Acid	13598-36-2	1%	0.00013%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.0139%
Ingredients shown above are subject to 29 CFR 1910			Alcohols, C12-14, Ethoxylated Propoxylated	68439-51-0	0%	0.0272278%
			Aliphatic Hydrocarbon	Trade Secret	0%	0.0324428%
			Alkoxylated Amine	Trade Secret	0%	0.0102022%
			Alkylene Oxide Block Polymer	Trade Secret	0%	0.0116305%
			Antifoam	Trade Secret	0%	2.04E-05%
			Crystalline Silica, Quartz	14808-60-7	0%	0.0272278%
			Formaldehyde	50-00-0	0%	1.8E-06%
			Isotridecanol, Ethoxylated (TDA-6)	9043-30-5	0%	0.0272278%
			Isotridecanol, Ethoxylated (TDA-9)	9043-30-5	0%	0.0272278%
			Modified Thiourea Polymer	68527-49-1	0%	3.99E-05%
			Organic Sulfonic Acid	27176-87-0	0%	0.000204%
			Oxyalkylated Alcohol	Trade Secret	0%	0.0025063%
			Polyglycol	25322-68-3	0%	0.0019384%
			Polyglycol Ester	Trade Secret	0%	0.0011139%
			Polyol Ester	Trade Secret	0%	0.0015316%
			Polyquaternary Amine	Trade Secret	0%	0.0012243%
			Quaternary Ammonium Compounds bis [Hydrogenated Tallow Alkyl] Dimethyl Salts With Bentonite	68953-58-2	0%	0.0272278%
			Sodium Chloride	7647-14-5	0%	0.0055714%
			Vinyl Copolymer	Trade Secret	0%	0.0384301%
			Water	7732-18-5	0%	0.1581179%
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: 10/24/2013						
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.