

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: 30-015-41556				
		2. Well Name: MALAGA 13 DM FEDERAL COM #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:12 Township:25S Range:28E Feet from:300 N/S Line:S Feet from:1170 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section:13 Township:25S Range:28E Feet from:335 N/S Line:S Feet from:336 E/W Line:W				
		6. Iatititude: 32.1382439381104 -104.04562652119				
		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: 12/12/2013 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 96217		14. Gross Fractured Interval: 8,274 ft to 8,305 ft				
15. True Vertical Depth (TVD): 8,289 ft		16. Total Volume of Fluid Pumped: 2,298,660 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%	85.74872%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.06488%
			Water	7732-18-5	92.5%	0.80018%
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.0189%
			Methanol	67-56-1	50%	0.0135%
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.01713%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00537%
Enzyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients which are listed in in the non-MSDS section of the report	NA	100%	0.00795%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00134%
BF-9L, 55 gal drum	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.00207%
			Potassium Hydroxide	1310-58-3	30%	0.00104%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.01758%
			Water	7732-18-5	30%	0.00703%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00042%
			Methanol	67-56-1	60%	0.00084%
			Olefin	Trade Secret	5%	7E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00042%
			Propargyl Alcohol	107-19-7	10%	0.00014%
			Thiourea Polymer	68527-49-1	30%	0.00042%
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.01416%
			Sodium Hydroxide	1310-73-2	10%	0.00472%
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.01416%
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Oxyalkylated Alcohol	Trade Secret	5%	0.00092%
			Petroleum Distillates	64742-47-8	30%	0.00554%
			Polyacrylate	Trade Secret	60%	0.01108%
			Sodium Chloride	7647-14-5	3%	0.00055%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.18664%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.21774%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.21774%
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.21774%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00251%
			Ammonium Hydroxide	1336-21-6	5%	0.00013%
			Cupric Chloride	7447-39-4	5%	0.00013%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.04004%
			Propylene Glycol	57-55-6	30%	0.02402%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	11.14308%
SB Excel 20/40	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	1.15484%
Ingredients shown above are subject to 29 CFR 1910			Cured Resin	Trade Secret	0%	0.0003221%
			Formaldehyde	50-00-0	0%	7E-07%
			Glutaraldehyde	111-30-8	0%	0.006854%
			Hemicellulase	9025-56-3	0%	0.0002384%
			Enzyme Concentrate			
			Methanol	67-56-1	0%	5.71E-05%
			Oleate Ester	1338-43-8	0%	0.0005538%
			Polysorbate	9005-65-6	0%	0.0005538%
			Sodium Chloride	7647-14-5	0%	7E-06%
		Water	7732-18-5	0%	0.0276708%	
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: 1/17/2014						
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.