

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: 30-025-40975							
		2. Well Name: MOGI 9 STATE COM #001H							
		3. Well Number: 001H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:9 Township:24S Range:33E Feet from:200 N/S Line:S Feet from:350 E/W Line:W							
		5. Bottom Hole Location: Unit:D Lot:4 Section:9 Township:24S Range:33E Feet from:380 N/S Line:N Feet from:365 E/W Line:W							
		6. Latitude: 32.2254829687439 Longitude: - 103.584646425531							
		7. County: Lea							
8. Operator Name and Address: MURCHISON OIL & GAS INC 1100 Mira Vista Blvd. Plano 75093		9. OGRID: 15363		10. Phone Number: 972-931-0700					
11. Last Fracture Date: 4/28/2013 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 96674		14. Gross Fractured Interval: Confidential							
15. True Vertical Depth (TVD): 11,160 ft		16. Total Volume of Fluid Pumped: 83,460 bbls							
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%	29.02956%			
HCl, 7.6 - 10%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	10%	1.10063%			
Superset-U, tote	Baker Hughes	Activator	Water	7732-18-5	90%	9.90566%			
			Denatured Ethanol	64-17-5	45%	0.10522%			
GBW-5	Baker Hughes	Breaker	Di (Ethylene Glycol) Ethyl Ether Acetate	112-15-2	55%	0.1286%			
			Ammonium Phosphate	7727-54-0	100%	0.00911%			
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	60%	0.00911%			
			Crystalline Silica Quartz	14808-60-7	30%	0.00455%			
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.32881%			
			Water	7732-18-5	30%	0.13153%			
Clay Master-5C	Baker Hughes	Clay Control	Oxyalkylated Amine Quat	138879-94-4	60%	0.15948%			
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00254%			
			Methanol	67-56-1	60%	0.00507%			
			Olefin	Trade Secret	5%	0.00042%			
			Polyoxyalkylenes	Trade Secret	30%	0.00254%			
			Propargyl Alcohol	107-19-7	10%	0.00085%			
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.15928%			
			Sodium Hydroxide	1310-73-2	10%	0.05309%			
			Sodium Tetraborate	1330-43-4	30%	0.15928%			
			Petroleum Distillates	64742-47-8	30%	0.04226%			
FRW-18	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.04226%			
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	1.18541%			
			Paraffinic Petroleum Distillate	64742-55-8	60%	1.18541%			
			Petroleum Distillate	64742-47-8	60%	1.18541%			
AG-12	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	50%	0.00308%			
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	21.1%	0.0013%			
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.20788%			
Parasorb 5000, bag	Baker Hughes	Paraffin Inhibitor	Propylene Glycol	57-55-6	30%	0.12473%			
			Calcined Diatomaceous Earth	91053-39-3	65%	0.06463%			
			Proprietary Paraffin Inhibitor	Trade Secret	25%	0.02486%			
			Silica, Crystalline-Quartz	14808-60-7	5%	0.00497%			
			White Mineral Oil	8042-47-5	30%	0.02983%			
Sand, White, 30/50	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	33.81646%			
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	1.5529%			
OilPlus Bulk (30/50)	Baker Hughes	Proppant	Quartz (Silica)	14808-60-7	100%	18.89892%			
Scaletrol 720	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00635%			
Ingredients shown above are subject to 29 CFR 1910			Ethylene Glycol	107-21-1	30%	0.03809%			
			Cured Acrylic Resin	Trade Secret	0%	0.004554%			
			Ethoxylated Alcohol	Trade Secret	0%	0.0028172%			
			Fatty Acid Esters	67701-32-0	0%	0.0001169%			
			Fatty Acid	70142-34-6	0%	1.23E-05%			
			Oxyalkylate						
			Formaldehyde	50-00-0	0%	4.23E-05%			
			Modified Thiourea Polymer	68527-49-1	0%	0.0009304%			
			Oxyalkylated Alkylphenol	9016-45-9	0%	0.0001108%			
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.0422587%			
			Polyacrylate	Trade Secret	0%	0.0253936%			
			Potassium Chloride	7447-40-7	0%	6.35E-05%			
			Salt	Trade Secret	0%	0.0070431%			
			Sodium Chloride	7647-14-5	0%	8.04E-05%			
			Sorbitan Monooleate	Trade Secret	0%	0.0070431%			
			Vinyl Acetate Ethalene Copolymer	24937-78-8	0%	0%			
			Water	7732-18-5	0%	0.2416548%			
			Xylene	1330-20-7	0%	3.69E-05%			
			diester of sulfosuccinic acid sodium salt	2673-22-5	0%	3.08E-05%			
			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: Cindy Cottrell		Title: Regulatory Coordinator		
			Date: 5/29/2013						
			E-mail Address: ccottrell@dmii.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.