

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: 30-015-39968					
		2. Well Name: MORGAN FEE COM #001H					
		3. Well Number: 001H					
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit: M Lot: M Section: 21 Township: 24S Range: 29E Feet from: 1035 N/S Line: S Feet from: 455 E/W Line: W					
		5. Bottom Hole Location: Unit: M Lot: M Section: 21 Township: 24S Range: 29E Feet from: 1035 N/S Line: S Feet from: 455 E/W Line: W					
		6. Latitude: Longitude: 32.1985394399099 - 103.996571189435					
		7. County: Eddy					
8. Operator Name and Address: OCCIDENTAL PERMIAN LTD PO Box 4294 Houston 77210				9. OGRID: 157984		10. Phone Number: 713-366-5485	
11. Last Fracture Date: 7/3/2012 Frac Performed by: Superior Well Services				12. Production Type: O			
13. Pool Code(s): 96238				14. Gross Fractured Interval: 9,150 ft to 12,600 ft			
15. True Vertical Depth (TVD): 8,677 ft				16. Total Volume of Fluid Pumped: 42,710 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)	
HCL Acid (12.5% -18.0%)	Superior Well Services	Bulk Acid	Hydrogen Chloride	7641-01-1	18%	0.189677%	
Acid Inhibitor 3M (AI-3M)	Superior Well Services	Acid Corrosion Inhibitors	Water	7732-18-5	87.5%	0.922042%	
			2-Butoxyethanol	111-76-2	3%	5E-05%	
			Cinnamaldehyde	104-55-2	5%	8.3E-05%	
			Ethoxylated Nonyphenol	68412-54-4	5%	8.3E-05%	
			Ethylene Glycol	107-21-1	37%	0.000614%	
			Isopropyl Alcohol	67-63-0	3%	5E-05%	
			N,N-Dimethylformamide	68-12-2	13%	0.000216%	
			Tar bases, quinoline derivs, benzyl chloride-quaternized	72480-70-7	10%	0.000166%	
			Triethyl Phosphate	78-40-0	3%	5E-05%	
			Water	7732-18-5	25%	0.000415%	
KR-153-SL	Superior Well Services	Biocides	2,2-dibromo-3-nitriopropionamide	10222-01-2	20%	0.004229%	
Clay Treat LT	Superior Well Services	Clay Control Additives	Water	7732-18-5	80%	0.016915%	
			ammonium, (2-Hydroxyethyl) trimethyl-, chloride	67-48-1	80%	0.055276%	
XL-11	Superior Well Services	Cross-linkers	Demineralized Water	7732-18-5	50%	0.034548%	
			Ethylene Glycol	107-21-1	10%	0.011833%	
EB-4L	Superior Well Services	Gel Breakers	Potassium Hydroxide	1310-58-3	5%	0.005917%	
			Potassium Metaborate	13709-94-9	30%	0.0355%	
OB Breaker	Superior Well Services	Gel Breakers	Water	7732-18-5	75%	0.08875%	
			Cellulase enzyme	XXXX-XX-X (Proprietary)	0%	0%	
			Demulsifier Base	XXXX-XX-X (Proprietary)	0%	0%	
			Ethylene Glycol	107-21-1	25%	0.001075%	
			Proprietary	XXXX-XX-X (Proprietary)	0%	0%	
ULS Resin Sand Activator	Superior Well Services	Proppants - Manufactured	Sugar	57-50-1	0%	0%	
			Water	7732-18-5	0%	0%	
Super TSC LT	Superior Well Services	Paraffin & Scale Additives	Ammonium Persulfate	7727-54-0	100%	0.002904%	
			guar gum	9000-30-0	50%	0.200906%	
LSG-100L	Superior Well Services	Gelling Agents	Petroleum Distillates	64742-47-8	60%	0.241088%	
			Surfactant	68439-51-0	2%	0.008036%	
			Suspending agent (solid)	14808-60-7	2%	0.008036%	
			Water	7732-18-5	2%	0.008036%	
Super Stm-240 E	Superior Well Services	Surfactants & Foamers	Proprietary	Proprietary	15%	0.007319%	
			Proprietary	Proprietary	15%	0.007319%	
Super OW 3	Superior Well Services	Surfactants & Foamers	Proprietary	Proprietary	15%	0.007319%	
			Proprietary	Proprietary	50%	0.024396%	
			Water	7732-18-5	60%	0.029275%	
			Alcohol Ethoxylate Surfactants	Proprietary	20%	0.016362%	
			Methyl Alcohol	67-56-1	20%	0.016362%	
			Water	7732-18-5	80%	0.065446%	
			Water	7732-18-5	0%	0%	
Momentive SB Excel 20/40	Superior Well Services	Proppants - Manufactured - Momentive	Cocoamido Tertiary Amine	XXXX-XX-X (Proprietary)	0%	0%	
			Dichloroethyl ether (DCEE)	111-44-4	0%	0%	
			Dimethylcocoamine, bis(chloroethyl) ether, diquaternary ammonium salt	68607-28-3	5%	4.3E-05%	
			Isopropyl Alcohol	67-63-0	35%	0.000301%	
			Methanol	67-56-1	10%	8.6E-05%	
			Water	7732-18-5	0%	0%	
Third Party	Third Party	Iron Control Additives	Aluminum Oxide	1344-28-1	1%	0.113078%	
			Crystalline Silica (Quartz)	14808-60-7	89%	10.063963%	
			Iron Oxide	1309-37-1	0.1%	0.011308%	
			phenolic resin	9003-35-4	20%	2.261565%	
			Titanium Oxide	13463-67-7	0.1%	0.011308%	
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: KAREN M SINARD		Title:			
Date: 1/28/2013							
E-mail Address: karen_sinard@oxy.com							

NMOCDC does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDC does not require the reporting or disclosure of proprietary, trade secret or confidential business information.