

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: 30-025-40280				
		2. Well Name: ECTA 33 FEDERAL #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:C Lot:C Section:33 Township:19S Range:32E Feet from:141 N/S Line:N Feet from:2347 E/W Line:W				
		5. Bottom Hole Location: Unit:C Lot:C Section:33 Township:19S Range:32E Feet from:141 N/S Line:N Feet from:2347 E/W Line:W				
		6. latitude: 32.6237372017739 longitude: -103.77202957901				
		7. County: Lea				
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: 11/26/2012 Frac Performed by: Nabors Completion and Production Services		12. Production Type: O				
13. Pool Code(s): 41460		14. Gross Fractured Interval: 9,924 ft to 13,650 ft				
15. True Vertical Depth (TVD): 13,803 ft		16. Total Volume of Fluid Pumped: 27,431 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	Occidental Permian LTD	Water	Water	7732-18-5	100%	86.91453%
HCL Acid (12.5%-18.0%)	Nabors Completion and Production Services	Bulk Acid	Hydrogen Chloride	7641-01-1	18%	0.265886%
			Water	7732-18-5	87.5%	1.292502%
Acid Inhibitor 3M (AI-3M)	Nabors Completion and Production Services	Acid Corrosion Inhibitors	2-Butoxyethanol	111-76-2	3%	7E-05%
			Cinnamaldehyde	104-55-2	5%	0.000116%
			Ethoxylated Nonyphenol	68412-54-4	5%	0.000116%
			Ethylene Glycol	107-21-1	37%	0.00086%
			Isopropyl Alcohol	67-63-0	3%	7E-05%
			N,N-Dimethylformamide	68-12-2	13%	0.000302%
			Polyethylene-Glycol	25322-68-3	5%	0.000116%
			Tar bases, quinoline derivs, benzyl chloride-quaternized	72480-70-7	10%	0.000232%
KR-153SL	Nabors Completion and Production Services	Biocides	Triethyl Phosphate	78-40-0	3%	7E-05%
			Water	7732-18-5	25%	0.000581%
			2,2-dibromo-3-nitriopropionamide	10222-01-2	20%	0.005174%
			Water	7732-18-5	80%	0.20695%
ClayTreat LT	Nabors Completion and Production Services	Clay Control Additives	ammonium, (2-Hydroxyethyl)trimethyl-, chloride	67-48-1	80%	0.058879%
			Demineralized Water	7732-18-5	50%	0.368%
XL-11	Nabors Completion and Production Services	Cross-linkers	Ethylene Glycol	107-21-1	10%	0.008955%
			Potassium Hydroxide	1310-58-3	5%	0.004477%
			Potassium Metaborate	13709-94-9	30%	0.026865%
			Water	7732-18-5	75%	0.067162%
EB-4L	Nabors Completion and Production Services	Gel Breakers	Breaker Component	Proprietary	0%	0.004833%
			Cellulase enzyme	Proprietary	0%	0.004833%
			Demulsifier Base	Proprietary	0%	0.004833%
			Ethylene Glycol	107-21-1	25%	0.001208%
			Sugar	57-50-1	0%	0.004833%
			Water	7732-18-5	0%	0.00483%
			OB Breaker	Nabors Completion and Production Services	Gel Breakers	Acetaldehyde
AMINES, COCO ALKYL	61788-46-3	5%	0.00015%			
Ammonium Persulfate	7727-54-0	100%	0.003003%			
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Deionized Water	7732-18-5	50%	0.001502%			
Dioxane	123-91-1	2%	6E-05%			
Ethylene Oxide	75-21-8	2%	6E-05%			
LSG-100	Nabors Completion and Production Services	Gelling Agents	Proprietary	Proprietary	1%	3E-05%
			guar gum	9000-30-0	50%	0.195257%
			Petroleum Distillates	64742-47-8	60%	0.234309%
			Surfactant	68439-51-0	2%	0.00781%
			Suspending agent (solid)	14808-60-7	2%	0.00781%
IC-500	Nabors Completion and Production Services	Iron Control Additives	2-Mercaptoethanol	60-24-2	75%	0.003361%
			Aqua Ammonia	1336-21-6	12%	0.000538%
			Cupric Chloride	10125-13-0	7%	0.000314%
			Potassium Iodide	7681-11-0	1%	4.5E-05%
			Water	7732-18-5	7%	0.000314%
ULT Resin Sand Activator	Nabors Completion and Production Services	Proppants - Manufactured	Acetaldehyde	75-07-0	0.01%	1E-06%
			Alcohols, C12-14-Secondary,Ethoxylated	84133-50-6	70%	0.007456%
			Dioxane	123-91-1	0.01%	1E-06%
			Ethylene Oxide	75-21-8	0.01%	1E-06%
			Formalin	50-00-0	0.01%	1E-06%
			Methanol	67-56-1	0.01%	1E-06%
			Polyethylene-Glycol	25322-68-3	5%	0.000533%
			Super TSC-LT	Nabors Completion and Production Services	Paraffin & Scale Additives	Proprietary
Proprietary	Proprietary	15%	0.010991%			
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Proprietary	Proprietary	50%	0.036637%			
Water	7732-18-5	60%	0.043965%			
Super Stim-240 E	Nabors Completion and Production Services	Surfactants & Foamers	Alcohol Ethoxylate Surfactants	Proprietary	20%	0.013398%
			Methyl Alcohol	67-56-1	20%	0.013398%
			Water	7732-18-5	80%	0.053593%
Super OW 3	Nabors Completion and Production Services	Surfactants & Foamers	Dimethylcocoamine, bis (chloroethyl) ether, diquatarnary ammonium salt	68607-28-3	60%	0.000741%
			Dimethyldiallyammonium chloride	7398-69-83	5%	6.2E-05%
			Isopropyl Alcohol	67-63-0	60%	0.000741%
			Methanol	67-56-1	30%	0.000371%
			Water	7732-18-5	60%	0.000741%
			Aluminum Oxide	1344-28-1	1%	0.10862%
			Crystalline Silica (Quartz)	14808-60-7	89%	9.667178%
			Iron Oxide	1309-37-1	0.1%	0.018086%
Momentive SB Excel 20/40	Nabors Completion and Production Services	Proppants - Manufactured - Momentive	phenolic resin	9003-35-4	20%	2.1724%
			Titanium Oxide	13463-67-7	0.1%	0.01086%
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						
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.						