

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 ☐ Amendment			1. WELL API NO. 30-025-40279			
			2. Well Name: FECTA 33 FEDERAL #001H			
			3. Well Number: 001H			
			4. Surface Hole Location: Unit:D Lot:D Section:33 Township:19S Range:32E Feet from:330 N/S Line:N Feet from:990 E/W Line:W			
			5. Bottom Hole Location: Unit:D Lot:D Section:33 Township:19S Range:32E Feet from:330 N/S Line:N Feet from:990 E/W Line:W			
			6. latitude: longitude: 32.6232284756439 - 103.776459523501			
			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: 4/2/2012 Frac Performed by: Halliburton			12. Production Type: O			
13. Pool Code(s): 41460			14. Gross Fractured Interval: 9,705 ft to 13,501 ft			
15. True Vertical Depth (TVD): 13,632 ft			16. Total Volume of Fluid Pumped: 41,503 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)
Fresh Water	Operator				100%	86.44059%
HYDROCHLORIC ACID 5-10%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	10%	1.0668%
CRC-20/40	Halliburton				100%	11.91027%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00152%
			Potassium metaborate	13709-94-9	60%	0.01828%
BC-200 UC	Halliburton	Crosslinker	Modified Alkane	Confidential Business Information	60%	0.07468%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	8E-05%
GasPerm 1100	Halliburton	Non-ionic Surfactant	Ethanol	64-17-5	60%	0.04851%
			Methanol	67-56-1	10%	0.00808%
			Terpenes and Terpenoids, sweet orange-oil	68647-72-3	5%	0.00404%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00608%
SCALECHECK LP-55 SCALE INHIBITOR	Halliburton	Scale Inhibitor	Polyacrylate	Confidential Business Information	60%	0.02355%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.01578%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.01578%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.01312%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00149%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00196%
			Crystalline silica, quartz	14808-60-7	30%	0.00059%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.20216%
K-35	Halliburton	Additive	Sodium carbonate	497-19-8	100%	0.00089%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.00036%
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			2,7-Naphthalenedisulfonic acid, 5-(acetylamino) - 4-hydroxy-3-[(2-methoxyphenyl) azo] -, disodium salt	6625-46-3	0%	0%
			2-Ethyl hexanol	104-76-7	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Borate salts	Confidential Business Information	0%	0%
			Butyl alcohol	71-36-3	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Cured Acrylic Resin	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Ethoxylated Fatty Acid	Confidential Business Information	0%	0%
			Ethoxylated Fatty Acid	Confidential Business Information	0%	0%
			Ethoxylated Fatty Acid	Confidential Business Information	0%	0%
			Food red 10	3734-67-6	0%	0%
			Methanol	67-56-1	0%	0%
			Methyl Isobutyl Ketone	108-10-1	0%	0%
			Modified bentonite	Confidential Business Information	0%	0%
			Organic salt	Confidential Business Information	0%	0%
			Propylene carbonate	108-32-7	0%	0%
			Propylene glycol	57-55-6	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium carbonate	497-19-8	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Surfactant Mixture	Confidential Business Information	0%	0%
			Surfactant Mixture	Confidential Business Information	0%	0%
			Terpenes and Terpenoids	Confidential Business Information	0%	0%
			Water	7732-18-5	0%	0%
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: 7/5/2012						
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.