

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: 30-025-41059				
		2. Well Name: MADERA 17 FEDERAL #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:B Lot:B Section:17 Township:26S Range:35E Feet from:330 N/S Line:N Feet from:2240 E/W Line:E				
		5. Bottom Hole Location: Unit:B Lot:B Section:17 Township:26S Range:35E Feet from:330 N/S Line:N Feet from:2240 E/W Line:E				
		6. Latitude: Longitude: 32.0496400444877 - 103.388213578663				
		7. County: Lea				
8. Operator Name and Address: OXY USA INC PO Box 4294 Houston 77210		9. OGRID: 16696	10. Phone Number: 713-366-5485			
11. Last Fracture Date: 7/17/2013 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 97597		14. Gross Fractured Interval: 9,620 ft to 13,375 ft				
15. True Vertical Depth (TVD): 9,265 ft		16. Total Volume of Fluid Pumped: 1,190,828 gals				
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	Base Fluid	Water	7732-18-5	100%	86.29429%
HYDROCHLORIC ACID 15%	Halliburton	Acid	Hydrochloric acid	7647-01-0	15%	0.23402%
Losurf-360W	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl),alpha.-isodecyl-omega.-hydroxy-	61827-42-7	30%	0.02651%
			Glycerine	56-81-5	10%	0.00884%
			Complex Alkylamine	Proprietary	5%	0.00442%
Atlas Activator	Halliburton	Activator	Isopropyl Alcohol (IPA)	67-63-0	50%	0.03389%
			Ethoxylated Alcohol Mixture	69439-46-3	60%	0.04066%
SAND - PREMIUM - 20/40, BULK, SK (101272933)	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	5.56616%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	6.01814%
			Hexamethylenetetramine	100-97-0	2%	0.12036%
			Phenol / formaldehyde resin	9003-35-4	5%	0.30091%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.002%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	2E-05%
Cla-Web™	Halliburton	Additive	Ammonium salt	Proprietary	60%	0.02435%
BC-200 UC	Halliburton	Crosslinker	Modified alkane	Proprietary	60%	0.03946%
SCALECHECK LP-55 SCALE INHIBITOR	Halliburton	Scale Inhibitor	Polyacrylate	Proprietary	60%	0.01972%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00131%
			Potassium metaborate	13709-94-9	60%	0.01573%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.19974%
WLC-4 FLUID LOSS ADDITIVE	Halliburton	Fluid Loss Additive	Complex carbohydrate	Proprietary	100%	0.01654%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00331%
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%
			Amine salts	Proprietary	0%	0%
			Amine salts	Proprietary	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Borate salts	Proprietary	0%	0%
			Butyl alcohol	71-36-3	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Enzyme	Proprietary	0%	0%
			Food red 10	3734-67-6	0%	0%
			Methanol	67-56-1	0%	0%
			Modified bentonite	Proprietary	0%	0%
			Organic salt	Proprietary	0%	0%
			Propylene carbonate	108-32-7	0%	0%
			Propylene glycol	57-55-6	0%	0%
			Quaternary amine	Proprietary	0%	0%
			Quaternary amine	Proprietary	0%	0%
			Quaternary amine	Proprietary	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium carbonate	497-19-8	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Surfactant mixture	Proprietary	0%	0%
			Surfactant mixture	Proprietary	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: Jennifer Duarte Title: Regulatory Specialist						
Date: 10/10/2013						
E-mail Address: jennifer_duarte@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.