

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: 30-015-41048				
		2. Well Name: INDIAN BASIN 23 FEDERAL COM #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section: 23 Township:21S Range:23E Feet from:350 N/S Line:S Feet from:530 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section: 23 Township:21S Range:23E Feet from:350 N/S Line:S Feet from:530 E/W Line:W				
		6. Latitude: 32.4578121660475 Longitude: - 104.579797704421				
		7. County: Eddy				
8. Operator Name and Address: OXY USA WTP LIMITED PARTNERSHIP PO Box 4294 Houston 77210			9. OGRID: 192463	10. Phone Number: 713-366-5485		
11. Last Fracture Date: 5/16/2013 Frac Performed by: BAKER HUGHES			12. Production Type: O			
13. Pool Code(s): 33690			14. Gross Fractured Interval: 2,620 ft to 6,400 ft			
15. True Vertical Depth (TVD): 2,405 ft			16. Total Volume of Fluid Pumped: 1,332,677 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)
Water	Operator	Carrier	Water	7732-18-5	100%	88.79813%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.34766%
			Water	7732-18-5	85%	1.97006%
Alpha 114, 260 gl tote	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00669%
			Quaternary Ammonium Compound	68424-85-1	5%	0.00111%
GBW-5	Baker Hughes	Breaker	Ammonium Phosphate	7727-54-0	100%	0.01438%
ClayCare, ClayTreat-2C, 330 gl tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.03936%
			Water	7732-18-5	30%	0.01575%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00011%
			Methanol	67-56-1	60%	0.00021%
			Olefin	Trade Secret	5%	2E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00011%
			Propargyl Alcohol	107-19-7	10%	4E-05%
			Thiourea Polymer	68527-49-1	30%	0.00011%
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Aliphatic Hydrocarbon	Trade Secret	30%	0.06181%
			Oxyalkylated Alcohol	Trade Secret	5%	0.0103%
Ferrotrol 280L , 330 gl tote	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.0089%
			Ammonium Hydroxide	1336-21-6	5%	0.00044%
			Cupric Chloride	7447-39-4	5%	0.00044%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.00043%
			Propylene Glycol	57-55-6	30%	0.00026%
Sand, White, 30/50	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	3.79931%
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	1.49473%
Preferred Garnet 30/50	Baker Hughes	Proppant	Castor Oil	8001-79-4	5%	0.14313%
			Crystalline Silica (Quartz)	14808-60-7	100%	2.86255%
Scaletrol 720, 330 gl tote	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00079%
			Ethylene Glycol	107-21-1	30%	0.00476%
S-150, 260 gl tote	Baker Hughes	Surfactant	Isopropanol	67-63-0	5%	0.00416%
			Methanol	67-56-1	60%	0.04995%
Ingredients shown above are subject to 29 CFR 1910			1,2,3-Trimethylbenzene	526-73-8	0%	1.67E-05%
			1,2,4-Trimethylbenzene	95-63-6	0%	8.32E-05%
			1,3,5-Trimethylbenzene	108-67-8	0%	2.5E-05%
			Alkyl Sulfate	142-31-4	0%	4.99E-05%
				142-97-0	0%	3.33E-05%
				2207-98-9	0%	8.3E-06%
			Alkylaryl Sulfonate	68584-27-0	0%	8.3E-06%
			Ammonium Alkyl Ether Sulfate	Trade Secret	0%	0.0002497%
			Ammonium Alkyl Sulfate	Trade Secret	0%	0.0001748%
			Anionic Terpolymer	Trade Secret	0%	0.1236166%
			Cumene	98-92-8	0%	8.3E-06%
			EDTA	64-02-8	0%	0.000103%
			Ethanol	64-17-5	0%	6.69E-05%
			Ethylene Glycol	107-21-1	0%	8.3E-06%
			Fatty Amide Derivative	70851-08-0	0%	1.67E-05%
			Formaldehyde	50-00-0	0%	1.01E-05%
			Inorganic Salt	7647-14-5	0%	0.0103014%
			Light Aromatic Naphtha	64742-95-6	0%	0.0001332%
			Methanol	67-56-1	0%	3.12E-05%
			Naphthalene	91-20-3	0%	8.3E-06%
			Oxyalkylated Alcohol	68439-45-2	0%	0.0001665%
				Trade Secret	0%	8.3E-06%
			Oxyalkylated Alkylphenol	63428-92-2	0%	0.0008325%
			Oxyalkylated Fatty Acid Derivative	Trade Secret	0%	0.0103014%
			Polyacrylate	Trade Secret	0%	0.0031717%
			Polyol Ester	Trade Secret	0%	0.0103014%
			Potassium Chloride	7447-40-7	0%	7.9E-06%
			Potassium Hydroxide	1310-58-3	0%	8.3E-06%
			Sodium Chloride	7647-14-5	0%	2.32E-05%
			Sodium Sulfate	7757-82-6	0%	1.67E-05%
			Sodium Sulfonate	68439-57-6	0%	0.0007409%
			Water	7732-18-5	0%	0.2038647%
			Xylene	1330-20-7	0%	8.3E-06%
	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.