

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 November 6, 2013				
		1. WELL API NO: 30-015-42284				
		2. Well Name: VILLA A FEE COM #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:L Lot:L Section:8 Township:23S Range:28E Feet from:2290 N/S Line:S Feet from:250 E/W Line:W				
		5. Bottom Hole Location: Unit:L Lot:L Section:8 Township:23S Range:28E Feet from:1739 N/S Line:S Feet from:212 E/W Line:E				
		6. Latitude: 32.3188875061623 longitude: -104.11721903201				
		7. County: Eddy				
8. Operator Name and Address: OXY USA WTP LIMITED PARTNERSHIP PO Box 4294 Houston 77210		9. OGRID: 192463	10. Phone Number: 713-366-5069			
11. Last Fracture Date: 12/8/2014 Frac Performed by: Nabors		12. Production Type: O				
13. Pool Code(s): 15011		14. Gross Fractured Interval: 9,456 ft to 13,679 ft				
15. True Vertical Depth (TVD): 9,290 ft		16. Total Volume of Fluid Pumped: 3,456,852 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
19. 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 PETROLEUM	Water	Water	7732-18-5	100%	84.75375%
Acid Inhibitor 3M (AI-3M)	Nabors Completion and Production Services	Acid Corrosion Inhibitors	1-DECANOL	112-30-1	5%	0.00029%
			1-OCTANOL	111-87-5	2.5%	0.00015%
			2-Butoxyethanol	111-76-2	7%	0.00041%
			Cinnamaldehyde	104-55-2	6%	0.00035%
			Ethoxylated Nonyphenol	68412-54-4	5%	0.00029%
			Ethylene Glycol	107-21-1	40%	0.00233%
			Isopropyl Alcohol	67-63-0	2.5%	0.00015%
			N,N-Dimethylformamide	68-12-2	20%	0.00117%
HCl Acid (12.5%-18.0%)	Nabors Completion and Production Services	Bulk Acid	Triethyl Phosphate	78-40-0	2.5%	0.00015%
			20° Baume Hydrochloric Acid	7647-01-0	100%	0.08667%
KR-153SL	Nabors Completion and Production Services	Biocides	Water	7732-18-5	100%	0.08495%
			2,2-dibromo-3-nitriopropionamide	10222-01-2	20%	0.00425%
			Polyethylene-Glycol	25322-68-3	50%	0.01062%
ClayTreat LT	Nabors Completion and Production Services	Clay Control Additives	Water	7732-18-5	65%	0.0308%
OB-2	Nabors Completion and Production Services	Gel Breakers	Ammonium Persulfate	7727-54-0	100%	0.00899%
			Sillica, crystalline quartz	7631-86-9	10%	0.0009%
LSG-100	Nabors Completion and Production Services	Gelling Agents	guar gum	9000-30-0	50%	0.16703%
			Petroleum Distillates	64742-47-8	60%	0.20044%
IC-100L	Nabors Completion and Production Services	Iron Control Additives	Surfactant	68439-51-0	2%	0.00668%
			Citric Acid Anhydrous	77-92-9	50%	0.00315%
TX Specific 100 mesh Sand	Nabors Completion and Production Services	Sand - Bulk - Texas	Aluminum Oxide	1344-28-1	1.1%	0.00304%
			Crystalline Silica, quartz	14808-60-7	99.9%	0.27559%
			Iron Oxide	1309-37-1	0.1%	0.00028%
			Titanium Oxide	13463-67-7	0.1%	0.00028%
			Aluminum Oxide	1344-28-1	1.1%	0.09411%
TX Specific 20/40 mesh Sand	Nabors Completion and Production Services	Sand - Bulk - Texas	Crystalline Silica, quartz	14808-60-7	99.9%	8.54727%
			Iron Oxide	1309-37-1	0.1%	0.00856%
TX Specific 30/50 mesh Sand	Nabors Completion and Production Services	Sand - Bulk - Texas	Titanium Oxide	13463-67-7	0.1%	0.00856%
			Aluminum Oxide	1344-28-1	1.1%	0.00903%
XL-11	Nabors Completion and Production Services	Cross-linkers	Crystalline Silica, quartz	14808-60-7	99.9%	0.82025%
			Iron Oxide	1309-37-1	0.1%	0.00082%
			Titanium Oxide	13463-67-7	0.1%	0.00082%
			Ethylene Glycol	107-21-1	10%	0.01379%
			Potassium Hydroxide	1310-58-3	5%	0.00689%
Super GREEN SOLV-M	Nabors Completion and Production Services	Paraffin & Scale Additives	Potassium Metaborate	13709-94-9	30%	0.04136%
			Water	7732-18-5	75%	0.10341%
			Aliphatic Hydrocarbons	Proprietary	95%	0.00886%
			Dodecane	Proprietary	14%	0.00131%
			tetradecane	Proprietary	11%	0.00103%
EB-20L	Nabors Completion and Production Services	Gel Breakers	Tridecane	Proprietary	9%	0.00084%
			Undecane	Proprietary	8%	0.00075%
			Hemicellulase Enzyme	Proprietary	1%	4E-05%
Super TSC 2 LTS	Nabors Completion and Production Services	Paraffin & Scale Additives	AMINO METHYLENE PHOSPHONIC ACID SALT	68649-44-5	100%	0.00496%
			Methanol	67-56-1	100%	0.01828%
Super OW 4	Nabors Completion and Production Services	Surfactants & Foamers	2-Butoxyethanol	111-76-2	15%	0.00021%
			Fatty Amide, Sodium Salt	Proprietary	15%	0.00021%
			Glycerin	56-81-5	5%	7E-05%
Super Stim-340 E	Nabors Completion and Production Services	Surfactants & Foamers	Non-Hazardous Mixture	Proprietary	100%	0.17597%
Momentive Black Ultra 20/40	Nabors Completion and Production Services	Proppants - Manufactured - Momentive	Furfuryl Alcohol	98-00-0	1%	0.04651%
			Quartz (SiO2)	14808-60-7	100%	4.65076%
20. 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: David Stewart Title: Sr. Regulatory Advisor						
Date: 2/3/2015						
E-mail Address: david_stewart@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.