

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: 30-015-40775				
		2. Well Name: LOST TANK 4 FEDERAL #023				
		3. Well Number: 023				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:G Lot:G Section:4 Township:22S Range:31E Feet from:1378 N/S Line:N Feet from:1764 E/W Line:E				
		5. Bottom Hole Location: Unit:M Lot:M Section:4 Township:22S Range:31E Feet from:727 N/S Line:S Feet from:683 E/W Line:W				
		6. latitude: 32.42402618299 longitude: -103.78000484222				
		7. County: Eddy				
8. Operator Name and Address: OXY USA INC PO Box 4294 Houston 77210		9. OGRID: 16696	10. Phone Number: 713-366-5069			
11. Last Fracture Date: 12/16/2014 Frac Performed by: NABORS		12. Production Type: O				
13. Pool Code(s): 97573		14. Gross Fractured Interval: 12,914 ft to 13,072 ft				
15. True Vertical Depth (TVD): 12,327 ft		16. Total Volume of Fluid Pumped: 235,494 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%	47.4287%
Acid Inhibitor 3M (AI-3M)	Nabors Completion and Production Services	Acid Corrosion Inhibitors	1-DECANOL	112-30-1	5%	0.00017%
			1-OCTANOL	111-87-5	2.5%	9E-05%
			2-Butoxyethanol	111-76-2	7%	0.00024%
			Cinnamaldehyde	104-55-2	6%	0.00021%
			Ethoxylated Nonyphenol	68412-54-4	5%	0.00017%
			Ethylene Glycol	107-21-1	40%	0.00138%
			Isopropyl Alcohol	67-63-0	2.5%	9E-05%
			N,N-Dimethylformamide	68-12-2	20%	0.00069%
HCl Acid (12.5%-18.0%)	Nabors Completion and Production Services	Bulk Acid	Triethyl Phosphate	78-40-0	2.5%	9E-05%
			20° Baume Hydrochloric Acid	7647-01-0	100%	0.05122%
KR-153SL	Nabors Completion and Production Services	Biocides	Water	7732-18-5	100%	0.05021%
			2,2-dibromo-3-nitrilopropionamide	10222-01-2	20%	0.00193%
			Polyethylene-Glycol	25322-68-3	50%	0.00483%
ClayTreat LT	Nabors Completion and Production Services	Clay Control Additives	Water	7732-18-5	65%	0.03221%
OB-2	Nabors Completion and Production Services	Gel Breakers	Ammonium Persulfate	7727-54-0	100%	0.00386%
			Sillica, crystalline quartz	7631-86-9	10%	0.00039%
LSG-100	Nabors Completion and Production Services	Gelling Agents	guar gum	9000-30-0	50%	0.11479%
			Petroleum Distillates	64742-47-8	60%	0.13775%
IC-100L	Nabors Completion and Production Services	Iron Control Additives	Surfactant	68439-51-0	2%	0.00459%
			Citric Acid Anhydrous	77-92-9	50%	0.00186%
TX Specific 100 mesh Sand	Nabors Completion and Production Services	Sand - Bulk - Texas	Aluminum Oxide	1344-28-1	1.1%	0.00275%
			Crystalline Silica, quartz	14808-60-7	99.9%	0.24947%
			Iron Oxide	1309-37-1	0.1%	0.00025%
			Titanium Oxide	13463-67-7	0.1%	0.00025%
Carbo Ceramics EconoProp 30/50	Nabors Completion and Production Services	Proppants - Manufactured - Carbo Ceramics	Ceramic materials and wares, chemicals	66402-68-4	100%	2.05893%
			Ceramic materials and wares	66402-68-4	100%	2.05893%
Sintex SinterLite Bauxite 40/80	Nabors Completion and Production Services	Proppants - Manufactured - Sintex	Alfa-Alumina	1344-28-1	60%	29.87306%
			Hematite	1317-60-8	10%	4.97884%
			Magnetite	1309-38-2	1%	0.49788%
			Mullite	1302-93-8	15%	7.46827%
Super GREEN SOLV-M	Nabors Completion and Production Services	Paraffin & Scale Additives	Aliphatic Hydrocarbons	Proprietary	95%	0.00055%
			Dodecane	Proprietary	14%	8E-05%
			tetradecane	Proprietary	11%	6E-05%
			Tridecane	Proprietary	9%	5E-05%
EB-20L	Nabors Completion and Production Services	Gel Breakers	Undecane	Proprietary	8%	5E-05%
			Hemicellulase Enzyme	Proprietary	1%	2E-05%
Super TSC 2 LTS	Nabors Completion and Production Services	Paraffin & Scale Additives	AMINO METHYLENE PHOSPHONIC ACID SALT	68649-44-5	100%	0.00622%
			Methanol	67-56-1	100%	0.02294%
Super OW 4	Nabors Completion and Production Services	Surfactants & Foamers	2-Butoxyethanol	111-76-2	15%	0.00012%
			Fatty Amide, Sodium Salt	Proprietary	15%	0.00012%
			Glycerin	56-81-5	5%	4E-05%
Super Stim-340 E	Nabors Completion and Production Services	Surfactants & Foamers	Non-Hazardous Mixture	Proprietary	100%	0.04657%
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: 3/10/2015						
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.