

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. 30-015-41425				
		2. Well Name: YESO VIKING FEDERAL #007				
		3. Well Number: 007				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:23 Township:17S Range:27E Feet from:380 N/S Line:S Feet from:2240 E/W Line:W				
		5. Bottom Hole Location: Unit:N Lot:N Section:23 Township:17S Range:27E Feet from:380 N/S Line:S Feet from:2240 E/W Line:W				
		6. latitude: longitude: 32.8134826065236 - 104.250647013401				
		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: 1/11/2014 Frac Performed by: Haliburton		12. Production Type: O				
13. Pool Code(s): 96836		14. Gross Fractured Interval: 3,188 ft to 4,390 ft				
15. True Vertical Depth (TVD): 4,520 ft		16. Total Volume of Fluid Pumped: 640,218 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)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	83.58286%
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.41981%
SSA-2	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.31084%
SAND - PREMIUM BROWN	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	13.98795%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.0018%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential	60%	0.02563%
LoSurf-360W	Halliburton	Surfactant	Complex alkylamine	Confidential	5%	0.00414%
			Glycerine	56-81-5	10%	0.00828%
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.02483%
SCALECHEK LP-55 SCALE INHIBITOR	Halliburton	Scale Inhibitor	Polyacrylate	Confidential	60%	0.05757%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01047%
			Monoethanolamine borate	26038-87-9	100%	0.0349%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00911%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00021%
EXPEDITE 225 COMPONENT A	Halliburton	Resin	Epoxy resin	Confidential	100%	0.11846%
			Butyl glycidyl ether	2426-08-6	30%	0.03554%
			Butyl lactate	138-22-7	10%	0.01185%
EXPEDITE 225 COMPONENT B	Halliburton	Hardener	Methanol	67-56-1	60%	0.0583%
			Modified cycloaliphatic amine adduct	Mixture	60%	0.0583%
			Phosphate ester	Confidential	10%	0.00972%
Sodium Hypochlorite 12.5%	The Sabre Companies, LLC	Biocide	Sodium choride	007647-14-5	10%	0.00092%
			Sodium hydrocide	001310-73-2	2%	0.00018%
			Sodium Hypochlorite	007681-52-9	13%	0.00119%
SABRECHLOR25	Sabre Oxidation Technologies, Inc.	Biocide	Sodium Chlorite	7758-19-2	25%	0.0035%
			Component A	Not Available	1%	0.0014%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00138%
			Propargyl alcohol	107-19-7	10%	0.00023%
FE-5A	Halliburton	Iron Reducing Agent	Thioglycolic acid	68-11-1	100%	0.00828%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	8E-05%
			Ammonium sulfate inorganic salt	Confidential	30%	0.00046%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.15749%
OPTIFLO-III A DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00513%
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: Jennifer Duarte		Title: Regulatory Specialist		
Date: 3/20/2014						
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.