

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. 30-015-41031							
		2. Well Name: NEFF 25 FEDERAL #005H							
		3. Well Number: 005H							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:C Lot:C Section:25 Township:22S Range:31E Feet from:634 N/S Line:N Feet from:2218 E/W Line:W							
		5. Bottom Hole Location: Unit:N Lot: Section:25 Township:22S Range:31E Feet from:338 N/S Line:S Feet from:2211 E/W Line:W							
		6. latitude: longitude: 32.3679301061931 - 103.732862784549							
		7. County: Eddy							
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: 12/2/2013 Frac Performed by: Baker Hughes		12. Production Type: O							
13. Pool Code(s): 39360		14. Gross Fractured Interval: 10,550 ft to 12,158 ft							
15. True Vertical Depth (TVD): 8,342 ft		16. Total Volume of Fluid Pumped: 522,354 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	Operator	Carrier	Water	7732-18-5	100%	83.33554%			
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.02126%			
			Methanol	67-56-1	50%	0.01519%			
			Fatty Acids	Trade Secret	30%	0.00417%			
CI-27	Baker Hughes	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00835%			
			Olefin	Trade Secret	5%	0.0007%			
			Polyoxyalkylenes	Trade Secret	30%	0.00417%			
			Propargyl Alcohol	107-19-7	10%	0.00139%			
			Thiourea Polymer	68527-49-1	30%	0.00417%			
			ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.0312%
			Water	7732-18-5	30%	0.01248%			
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.01177%			
			Ammonium Hydroxide	1336-21-6	5%	0.00059%			
			Cupric Chloride	7447-39-4	5%	0.00059%			
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00191%			
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.41476%			
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.48388%			
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.48388%			
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.48388%			
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.43702%			
			Water	7732-18-5	85%	2.47643%			
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00287%			
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.02384%			
			Mixture of Surfactants	Trade Secret	50%	0.03973%			
			Water	7732-18-5	30%	0.02384%			
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.00128%			
			Propylene Glycol	57-55-6	30%	0.00077%			
			Sand, White, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	8.9411%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.08955%			
Scaletrol 720, 330 gl tote	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00129%			
			Ethylene Glycol	107-21-1	30%	0.00775%			
SiberProp, 16/30	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	2.50993%			
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.03478%			
			Sodium Hydroxide	1310-73-2	10%	0.01159%			
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.03478%			
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: 2/28/2014									
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.