

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: 30-015-39220				
		2. Well Name: GOODNIGHT 27 FEDERAL #003H				
		3. Well Number: 003H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:27 Township:23S Range:29E Feet from:962 N/S Line:S Feet from:364 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section:27 Township:23S Range:29E Feet from:962 N/S Line:S Feet from:364 E/W Line:W				
		6. latitude: 32.2712468575633 longitude: - 103.980008431653				
		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: 2/6/2012 Frac Performed by: Halliburton				12. Production Type: O		
13. Pool Code(s): 96857				14. Gross Fractured Interval: 10,605 ft to 11,100 ft		
15. True Vertical Depth (TVD): 11,419 ft				16. Total Volume of Fluid Pumped: 21,636 bbls		
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)
Fresh Water	Operator				100%	87.63938%
HCL Acid	Halliburton				100%	1.24486%
Super LC 20/40	Halliburton				100%	10.49266%
BC-200	Halliburton				100%	0%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00177%
			Potassium metaborate	13709-94-9	60%	0.0213%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00406%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00029%
GasPerm 1100	Halliburton	Non-ionic Surfactant	Ethanol	64-17-5	60%	0.04426%
			Methanol	67-56-1	10%	0.00738%
			Terpenes and Terpenoids, sweet orange-oil	68647-72-3	5%	0.00369%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00585%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.10248%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.10248%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.00242%
			Ammonium acetate	631-61-8	100%	0.00808%
SCALECHEK LP -55 SCALE INHIBITOR	Halliburton	Scale Inhibitor	Polyacrylate	Confidential Business Information	60%	0.03137%
D-AIR 3000	Halliburton				100%	0%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00399%
			Crystalline silica, quartz	14808-60-7	30%	0.0012%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00255%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.20201%
K-34	Halliburton	Buffer	Sodium bicarbonate	144-55-8	100%	0.00116%
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			2,7-Naphthalenedisulfonic acid, 5-(acetylamino) - 4-hydroxy-3-[(2-methoxyphenyl) azo] -, disodium salt	6625-46-3	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured Acrylic Resin	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Ethoxylated Fatty Acid	Confidential Business Information	0%	0%
			Ethoxylated Fatty Acid	Confidential Business Information	0%	0%
			Ethoxylated Fatty Acid	Confidential Business Information	0%	0%
			Food red 10	3734-67-6	0%	0%
			Methyl Isobutyl Ketone	108-10-1	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Surfactant Mixture	Confidential Business Information	0%	0%
			Surfactant Mixture	Confidential Business Information	0%	0%
			Terpenes and Terpenoids	Confidential Business Information	0%	0%
			Water	7732-18-5	0%	0%
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: KAREN M SINARD		Title: _____		
Date: 7/5/2012						
E-mail Address: karen_sinard@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.