

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: 30-015-37330				
		2. Well Name: FEDERAL 29 #001				
		3. Well Number: 001				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:C Lot:C Section:29 Township:23S Range:31E Feet from:330 N/S Line:N Feet from:2510 E/W Line:W				
		5. Bottom Hole Location: Unit:C Lot:C Section:29 Township:23S Range:31E Feet from:330 N/S Line:N Feet from:2510 E/W Line:W				
		6. latitude: longitude: 32.2817710284109 - 103.800212100716				
		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: 3/12/2012 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 53815		14. Gross Fractured Interval: 7,322 ft to 7,397 ft				
15. True Vertical Depth (TVD): 8,130 ft		16. Total Volume of Fluid Pumped: 4,008 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%	83.01611%
HCL Acid	Halliburton				100%	1.54269%
CLA-Web	Halliburton	Additive	Proprietary	Confidential Business Information	60%	0.03659%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	14.26773%
			Hexamethylenetetramine	1009-7-0	2%	0.28535%
			Phenol / formaldehyde resin	900303-35-4	5%	0.71339%
BC-200 UC	Halliburton	Crosslinker	Crystalline silica, quartz	14808-60-7	0.1%	0.0001%
			Hydrotreated light petroleum distillate	Confidential Business Information	60%	0.06233%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00211%
			Potassium metaborate	13709-94-9	60%	0.02529%
BA-40L BUFFERING AGENT	Halliburton	Buffer	Potassium carbonate	584-08-7	60%	0%
SCALECHEK LP -55 SCALE INHIBITOR	Halliburton	Scale Control	Polyacrylate	Confidential Business Information	60%	0.07483%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.13376%
			Ethoxylated Nonylphenol	Confidential Business Information	60%	0.13376%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00082%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.00524%
			Ammonium acetate	631-61-8	100%	0.01746%
LoSurf-300D	Halliburton	Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.0008%
			Ethanol	64-17-5	60%	0.04781%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.0239%
			Naphthalene	91-20-3	5%	0.00398%
			Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00398%
LGC-36 UC	Halliburton	Gelling Agent	Guar gum	9000-30-0	60%	0.29053%
			Naphtha, hydrotreated heavy	64742-48-9	60%	0.29053%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00323%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.00238%
					0%	0%
					0%	0%
					0%	0%
					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.