

**State of New Mexico  
Energy, Minerals and  
Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505**

1. WELL API NO:  
30-015-373372. Well Name:  
FEDERAL 29 #0053. Well Number:  
005**HYDRAULIC FRACTURING FLUID DISCLOSURE** Original Amendment4. Surface Hole Location:  
Unit:C Lot:C Section:29 Township:23S Range:31E  
Feet from:330 N/S Line:N  
Feet from:2460 E/W Line:W5. Bottom Hole Location:  
Unit:C Lot:C Section:29 Township:23S Range:31E  
Feet from:330 N/S Line:N  
Feet from:2460 E/W Line:W6. latitude: longitude:  
32.2817711382916 -  
103.8003746602467. County:  
Eddy

8. Operator Name and Address:

OXY USA INC  
PO Box 4294  
Houston 772109. OGRID:  
1669610. Phone Number:  
713-366-5485

11. Last Fracture Date: 3/13/2012 Frac Performed by: Halliburton

12. Production Type:  
O13. Pool Code(s):  
5381514. Gross Fractured Interval:  
5,880 ft to 6,540 ft15. True Vertical Depth (TVD):  
8,605 ft16. Total Volume of Fluid Pumped:  
3,931 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%	82.39371%
HCL Acid	Halliburton				100%	1.60737%
Cla-Web	Halliburton	Additive	Proprietary	Confidential Business Information	60%	0.03155%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	14.34918%
			Hexamethylenetetramine	1009-7-0	2%	0.28698%
			Phenol / formaldehyde resin	900303-35-4	5%	0.71746%
BC-200 UC	Halliburton	Crosslinker	Crystalline silica, quartz	14808-60-7	0.1%	0.00011%
			Hydrotreated light petroleum distillate	Confidential Business Information	60%	0.06487%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00245%
			Potassium metaborate	13709-94-9	60%	0.02936%
BA-40L BUFFERING AGENT	Halliburton	Buffer	Potassium carbonate	584-08-7	60%	0.14395%
SCALECHEK LP -55 SCALE INHIBITOR	Halliburton	Scale Control	Polyacrylate	Confidential Business Information	60%	0.07778%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.14612%
			Ethoxylated Nonylphenol	Confidential Business Information	60%	0.14612%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00082%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.00527%
			Ammonium acetate	631-61-8	100%	0.01757%
LoSurf-300D	Halliburton	Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00083%
			Ethanol	64-17-5	60%	0.04971%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.02486%
			Naphthalene	91-20-3	5%	0.00414%
			Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00414%
LGC-36 UC	Halliburton	Gelling Agent	Guar gum	9000-30-0	60%	0.42212%
			Naphtha, hydrotreated heavy	64742-48-9	60%	0.42212%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00175%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.00287%
					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: 10/15/2012  
E-mail Address: karen\_sinard@oxy.com