

Submit within 45 days of well completion

Revised November 6, 2013

**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:
30-015-43749

2. Well Name:
CEDAR CANYON 21 FEDERAL COM #005H

3. Well Number:
005H

4. Surface Hole Location:
Unit: M Lot: M Section: 22 Township: 24S Range: 29E
Feet from: 1090 N/S Line: S
Feet from: 207 E/W Line: W

5. Bottom Hole Location:
Unit: L Lot: Section: 21 Township: 24S Range: 29E
Feet from: 1957 N/S Line: S
Feet from: 146 E/W Line: W

6. Latitude: 32.20033303 Longitude: -103.9819794

7. County: Eddy

HYDRAULIC FRACTURING FLUID DISCLOSURE

Original
 Amendment

9. Operator Name and Address:
OXY USA INC
PO Box 4294
Houston 77210

9. OGRID: 16696 10. Phone Number: 713-366-5716

11. Last Fracture Date: 11/13/2016 Frac Performed by: SCHLUMBERGER

12. Production Type: O

13. Pool Code(s): 96239

14. Gross Fractured Interval: 8,919 ft to 13,313 ft

15. True Vertical Depth (TVD): 8,626 ft

16. Total Volume of Fluid Pumped: 7,427,724 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 #	CAS Not Assigned	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Proppant Transport	Schlumberger	Acid Corrosion Inhibitor, Scale Inhibitor, Demulsifier, Surfactant, Acid, Friction Reducer, Chelatin	Water (Including Mix Water Supplied by Client)*			0%	87.60963%
			Organo phosphorus salt	Proprietary		0.70195%	0.08697%
			1, 2, 3 - Propanetriol	56-81-5		0.00079%	0.0001%
			Urea	57-13-6		0.00456%	0.00056%
			Tetrasodium ethylenediaminetetraacetate	Ge0eral		0.01202%	0.00149%
			Ethanol	64-17-5		1E-05%	1E-05%
			Acetic acid	64-19-7		1E-05%	1E-05%
			Methanol (impurity)	67-58-1		0.00154%	0.00019%
			Propan-2-ol	67-63-0		0.00888%	0.0011%
			Oxirane	75-21-8		1E-05%	1E-05%
			Propylene oxide	75-56-9		1E-05%	1E-05%
			2-Propanamid (impurity)	Ge0eral		0.00023%	3E-05%
			Cinnamaldehyde	104-55-2		0.00081%	0.0001%
			Oleic acid	112-80-1		1E-05%	1E-05%
			1,4-Dioxane (Impurity)	123-91-1		1E-05%	1E-05%
			Acetic acid, potassium salt	Ge0eral		1E-05%	1E-05%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3		0.00032%	4E-05%
			Potassium oleate	143-18-0		1E-05%	1E-05%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9		0.00032%	4E-05%
			Dodecamethylcyclohexasioxane	540-97-6		1E-05%	1E-05%
			Decamethyl cyclopentasiloxane	Ge0eral		1E-05%	1E-05%
			Octamethylcyclotetrasiloxane	556-67-2		1E-05%	1E-05%
			Methanesulfonic acid, hydroxy-, monosodium salt	870-72-4		0.01544%	0.00191%
			Sodium hydroxide	1310-73-2		0.00032%	4E-05%
			Sodium Glycolate (impurity)	2836-32-0		0.00096%	0.00012%
			Trisodium nitrilotriacetate (impurity)	5064-31-3		0.00016%	2E-05%
			Silicon Dioxide	7631-86-9		0.00095%	0.00012%
			Sodium hydrogensulphite	7631-90-5		0.01544%	0.00191%
			Hydrochloric acid	7647-01-0		0.63981%	0.07927%
			Sodium chloride	7647-14-5		0.31199%	0.03866%
			Sodium sulfate	7757-82-6		0.00106%	0.00013%
			Copper(II) sulfate	7758-98-7		1E-05%	1E-05%
			Ammonium sulfate	7783-20-2		0.09367%	0.01161%
			Dimethyl poly(oxyethylene) ether	9002-82-0		0.0001%	1E-05%
			Methyl oxirane polymer with oxirane	Ge0eral		0.00016%	2E-05%
			Quartz, Crystalline silica	14808-60-7		98.05279%	12.14911%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8		0.00125%	0.00015%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2		7E-05%	1E-05%
			Polyethylene glycol monohexyl ether	31726-34-8		0.04827%	0.00598%
			Acrylamide, 2-acrylamido-2-methylpropanesulfonic acid, sodium salt polymer	38193-60-1		0.06913%	0.00857%
			Polyethylenimine, polymer with ethylene oxide and propylene oxide	52501-07-2		0.0004%	5E-05%
			Amines, dicoco alkylmethyl	61788-62-3		0.0004%	5E-05%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3		0.00402%	0.0005%
			Amines, tallow alkyl, ethoxylated	61791-26-2		0.00024%	3E-05%
			Dimethyl siloxanes and silicones	63148-62-9		6E-05%	1E-05%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0		8E-05%	1E-05%
			Siloxanes and silicones, dimethyl, reaction products with silica	67762-90-7		1E-05%	1E-05%
			Phenol, 4,4'-(1-methylethyldiene)bis-, polymer with 2-(chloromethyl) oxirane, 2-methyloxirane and oxirane	68123-18-2		0.00032%	4E-05%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9		0.00222%	0.00028%
			Alcohols, C12-C16, ethoxylated	68551-12-2		0.00185%	0.00023%
			Alcohol, C11-14, ethoxylated	78330-21-9		8E-05%	1E-05%
			Polymer of 2-acrylamido-2-methylpropanesulfonic acid sodium salt and methyl acrylate	136793-29-8		0.00741%	0.00092%

† Proprietary Technology 0% 0%

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: 1/11/2017
E-mail Address: david_stewart@oxy.com

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