

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: 30-015-40722
		2. Well Name: PIGLET 21 STATE #017
		3. Well Number: 017

HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment	4. Surface Hole Location: Unit:N    Lot:N    Section:21    Township:17S    Range:28E Feet from:1040    N/S Line:S Feet from:1611    E/W Line:W
	5. Bottom Hole Location: Unit:N    Lot:N    Section:21    Township:17S    Range:28E Feet from:1040    N/S Line:S Feet from:1611    E/W Line:W
	6. latitude:    longitude: 32.8153284311652    - 104.183996164173
	7. County: Eddy

8. Operator Name and Address: OXY USA WTP LIMITED PARTNERSHIP PO Box 4294 Houston 77210	9. OGRID:    192463	10. Phone Number:    713-366-5485
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11. Last Fracture Date:    2/9/2013    Frac Performed by:    Halliburton	12. Production Type: O
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13. Pool Code(s): 96830	14. Gross Fractured Interval: 3,508 ft to 4,638 ft
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15. True Vertical Depth (TVD): 4,830 ft	16. Total Volume of Fluid Pumped: 543,623 gals
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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%	40.35092%
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.69299%
SAND - PREMIUM BROWN	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	54.39154%
SSA-2	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	1.15146%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00633%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.25264%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00824%
			Potassium metaborate	13709-94-9	60%	0.09888%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	0.06918%
EXPEDITE 225 COMPONENT A	Halliburton	Resin	Epoxy resin	Confidential Business Information	100%	0.52778%
			Butyl glycidyl ether	2426-08-6	30%	0.15834%
			Butyl lactate	138-22-7	10%	0.05278%
EXPEDITE 225 COMPONENT B	Halliburton	Hardener	Methanol	67-56-1	60%	0.25541%
			Modified cycloaliphatic amine adduct	Mixture	60%	0.25541%
			Phosphate ester	Confidential Business Information	10%	0.04257%
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00332%
			Ethanol	64-17-5	60%	0.19939%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.09969%
			Naphthalene	91-20-3	5%	0.01662%
			Poly(oxy-1,2-ethanediy), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.01662%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.02585%
SCALECHECK LP-55 SCALE INHIBITOR	Halliburton	Scale Inhibitor	Polyacrylate	Confidential Business Information	60%	0.07417%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.01286%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	1.07697%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.04017%
			Crystalline silica, quartz	14808-60-7	30%	0.01205%
Ingredients Listed Below This Line Are Part of the			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%
			Acrylate Polymer	Confidential Business Information	0%	0%
			Amine Salts	Confidential Business Information	0%	0%
			Amine Salts	Confidential Business Information	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Borate salts	Confidential Business Information	0%	0%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Cured Acrylic Resin	Confidential Business Information	0%	0%
			Ethylenediamine	107-15-3	0%	0%
			Food red 10	3734-67-6	0%	0%
			Organo Amino Silane	Confidential Business Information	0%	0%
			Oxyalkylated Phenolic Resin	Confidential Business Information	0%	0%
			Oxyalkylated Phenolic Resin	Confidential Business Information	0%	0%
			Phosphoric acid	7664-38-2	0%	0%
			Quaternary Amine	Confidential Business Information	0%	0%
			Quaternary Amine	Confidential Business Information	0%	0%
			Quaternary Amine	Confidential Business Information	0%	0%
			Quaternary Amine	Confidential Business Information	0%	0%
			Silica gel	112926-00-8	0%	0%
			Siloxanes and silicones, dimethyl,	63148-52-7	0%	0%
			Sodium carboxymethyl cellulose	9004-32-4	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium glycollate	2836-32-0	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Surfactant Mixture	Confidential Business Information	0%	0%
			Surfactant Mixture	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:    Keith Barton	Regulatory Team Title:    Leader
Date:    10/2/2013		
E-mail Address:    keith_barton@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.