

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. 30-039-31173				
		2. Well Name: CHACO 2307 12E #168H				
		3. Well Number: 168H				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:E Lot:E Section:12 Township:23N Range:07W Feet from:1492 N/S Line:N Feet from:303 E/W Line:W				
		5. Bottom Hole Location: Unit:E Lot:E Section:12 Township:23N Range:07W Feet from:1492 N/S Line:N Feet from:303 E/W Line:W				
		6. latitude: 0 longitude: 0				
		7. County: Rio Arriba				
8. Operator Name and Address: WPX ENERGY PRODUCTION, LLC PO Box 640 721 South Main Aztec 87410		9. OGRID: 120782	10. Phone Number: 505-333-1801			
11. Last Fracture Date: 7/8/2013 Frac Performed by: Halliburton Services		12. Production Type: O				
13. Pool Code(s): 42289		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 5,666 ft		16. Total Volume of Fluid Pumped: 936,096 gals				
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%	53.29632%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	21.81138%
LGC-36 UC	Halliburton	Liquid Gel Concentrate	Guar gum	9000-30-0	60%	0.12233%
			Naphtha, hydrotreated heavy	64742-48-9	60%	0.12233%
BC-140	Halliburton	Crosslinker	Ethylene glycol	107-21-1	30%	0.00258%
			Monoethanolamine borate	26038-87-9	60%	0.00516%
HC-2	Halliburton	Additive	Inner salt of alkyl amines	Confidential Business Information	30%	0.02615%
			Sodium chloride	7647-14-5	30%	0.02615%
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00025%
			Ethanol	64-17-5	60%	0.01497%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.00748%
			Naphthalene	91-20-3	5%	0.00125%
			Poly(oxy-1,2-ethanediy), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00125%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.01651%
KCL POTASSIUM CHLORIDE	Halliburton	Additive	Potassium chloride	7447-40-7	100%	1.42616%
Bactron K-87	Champion	Biocide	Glutaraldehyde	111-30-8	30%	0.06473%
			Alkyl dimethyl ethylbenzyl ammonium chloride	85407-23-0	10%	0.00668%
			Quaternary ammonium compounds, benzyl C12-18-alkyldimethyl, chlorides	68391-01-5	10%	0.00668%
			Ethanol	64-17-5	1%	0.00067%
GBW-30 BREAKER	Halliburton	Breaker	Hemicellulase enzyme	9012-54-8	30%	0.00066%
			Carbohydrates	Confidential Business Information	100%	0.00221%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00127%
			Walnut hulls	Mixture	100%	0.00425%
NITROGEN LIQUEFIED	Halliburton	Fluid	Nitrogen	7727-37-9	100%	23.04285%
Ingredients Listed Below This Line Are Part of the			Amine salts	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Fatty alcohol polyglycol ether surfactant	9043-30-5	0%	0%
			Glycerine	56-81-5	0%	0%
			Oxyalkylated phenolic resin	Confidential Business Information	0%	0%
			Oxyalkylated phenolic resin	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%
			Quaternary ammonium compounds, bis (hydrogenated tallow alkyl) dimethyl, salts with bentonite	68953-58-2	0%	0%
			Sodium chloride	7647-14-5	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: Lila Miller Title: Engineering Tech II						
Date: 9/24/2013						
E-mail Address: Lila.Miller@wpxenergy.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.