Submit within 45 days of wall on	mulation					1		Pavisad Navambar 8, 2012	
State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505						Revised November 6, 2013 1. WELL API NO. 30-045-35564			
						2. Well Name: CHACO 2308 11A #407H		07H	
						3. Well Number: 407H			
HYDRAULIC FRACTURING FLUID DISCLOSURE						4. Surface Hole Lo Unit:A Lot:A Feet from:335	Section:11 To	ownship:23N Range:08W	
⊠ Original						Feet from: 1047 5. Bottom Hole Loc Unit: A Lot: 3	eation:	W Line:E wnship:23N Range:08W	
□ Amendment						Feet from:1291 Feet from:240	N/S	B Line:N V Line:E	
						6. latitude:		longitude: -107.645696854267	
						7. County: San J	uan		
Operator Name and Address:		12.1			9. OGRID:	120782	10. Phone Numb	er: 505-333-1801	
WPX ENERGY PRO PO Box 640 721 South Main Aztec 87410	С						2007-2000		
11. Last Fracture Date: 2/13/2015 Frac Performed by: Halliburton					12. Production Type: O 14. Gross Fractured Interval:				
13. Pool Code(s): 97232 15. True Vertical Depth (TVD):					6,	14. Gross Fractured interval: 6,060 ft to 10,652 ft 16. Total Volume of Fluid Pumped:			
5,487 ft					921,353 gals				
17. Total Volume of Re-Use Water Pumped: 276,406 gals 19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						18. Percent of Re-Use Water in Fluid Pumped: 30%			
Trade Name	Supplier	Purpose	Ingredients	(CAS#) Chemical Abstract Service#		Maximum Ingredi Concentration in mass)	Additive (% by	Maximum Ingredient Concentration in HF Fluid (% by mass)	
Water SAND - PREMIUM BROWN	Operator Halliburton	Base Fluid Proppant	Water Crystalline silica,	7732-18-5 14808-60-7			100% 100%	52.3399% 24.75416%	
LGC-36 UC	Halliburton	Liquid Gel	quartz Guar gum	9000-30-0			60%	0.11696%	
		Concentrate	Naphtha, hydrotreated heavy	64742-48-9			60%	0.11696%	
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6			1%	0.00023%	
		3	Ethanol Heavy aromatic	64-17-5 64742-94-5			60% 30%	0.01358% 0.00679%	
			petroleum naphtha Naphthalene	91-20-3			5%	0.00113%	
			Poly (oxy-1,2-ethanediyl), alpha-(4-nonylphenyl) -omega-hydroxy-, branched	127087-87-0			5%	0.00113%	
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information			60%	0.01542%	
HC-2	Halliburton	Additive	Inner salt of alkyl amines		nfidential Business		30%	0.033%	
Potassium Chloride	Halliburton	Clay Control	Sodium chloride KCI	7647-14-5 7447-40-7			30% 100%	0.033% 0%	
BC-140	Halliburton	Crosslinker	Ethylene glycol Monoethanolamine	107-21-1 26038-87-9			30% 60%	0.00337% 0.00674%	
BA-40L BUFFERING	Halliburton	Buffer	borate Potassium carbonate	584-08-7			60%	0.00445%	
AGENT GBW-30 BREAKER	Halliburton	Breaker	Hemicellulase	9012-54-8			30%	0.00071%	
		7	enzyme Carbohydrates	Confidential E	usiness		100%	0.00237%	
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica,	Information 14808-60-7			30%	0.00132%	
			quartz Walnut hulls	Mixture			100%	0.0044%	
NITROGEN LIQUEFIED Ingredients Listed Below	Halliburton	Fluid	Nitrogen Amine salts	7727-37-9 Confidential Business			100% 0%	22.52727% 0%	
This Line Are Part of the		1	Amine salts	Information Confidential Business		4 2	0%	0%	
		3	C.I. Pigment Red 5	Information 6410-41-9			0%	0%	
			Crystalline silica, quartz	14808-60-7	100 May 100		0%	0%	
			Cured acrylic resin	Confidential E	usiness		0%	0%	
			Cured acrylic resin	Confidential E	usiness		0%	0%	
		4	Enzyme	Confidential E	usiness		0%	0%	
			Fatty alcohol polyglycol ether surfactant	9043-30-5			0%	0%	
			Glycerine Oxyalkylated	56-81-5 Confidential E	usiness		0% 0%	0% 0%	
			phenolic resin Oxyalkylated	Information Confidential E	usiness		0%	0%	
		1	phenolic resin Quaternary amine	Information Confidential E			0%	0%	
		1	Quaternary amine	Information Confidential E	K. (12.0 K. (12.1 K.		0%	0%	
		3	Quaternary amine	Information Confidential E			0%	0%	
			Quaternary	Information 68953-58-2	20.1000		0%	0%	
			ammonium compounds, bis (hydrogenated tallow alkyl) dimethyl,salts with bentonite	00000-00-2			U76	040	
			Sodium chloride Water	7647-14-5 7732-18-5			0% 0%	0% 0%	
		shown on this disclosure form is true			nd belief.			U%	
Date: 2/16/2015 E-mail Address: Lila.Miller(@wpxenergy.co	Printed Name: Lila Miller Om Deyond MSDS data as described in 2	00 CER 4040 4200 NIMOCI	desc not convice	the reporting o	Title: Engineeri	2820		