State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.						Revised November 6, 2013 1. WELL API NO. 30-039-31237			
									2. Well Name: CHA(
						3. Well Number:			
								Santa	Fe, NM 875
HYDRAULIC FRACTURING FLUID DISCLOSURE						4. Surface Hole Location: Unit:M Lot:4 Section:18 Township:23N Range:06W Feet from:275 N/S Line:S Feet from:197 E/W Line:W 5. Bottom Hole Location:			
□ Original	re submitted	d on 10/22/2014				Unit: Lot: S Feet from: 1937 Feet from: 139 6. latitude:	ection:14 Tov N/S	vnship:23N Range:06W Line:S / Line:E longitude:	
						7. County:	rriba	0	
Operator Name and Address:					9. OGRID:	120782	10. Phone Numb	er: 505-333-1801	
WPX ENERGY PRO PO Box 640 721 South Main Aztec 87410		980				donos	Id. Priorie Namo	e. 303-333-1001	
A STATE OF THE STA						tion Type: O			
13. Pool Code(s): 42289						Fractured Interval: 5,996 ft to 10,978 ft			
15. True Vertical Depth (TVD): 5,515 ft		9:		ume of Fluid Pumped: 24,037 gals of Re-Use Water in Fluid Pumped:					
17. Total Volume of Re-Use Water 323,413 gals		ON AND CONCENTRAT	TON:			5%	ula Fumpea.		
Trade Name	Supplier	Purpose	Ingredients	(CAS#) Chemi Service#	cal Abstract	Maximum Ingredient Concentration in Additive (% b mass)		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%		53.93824% 24.23845%	
LGC-36 UC	Halliburton	Liquid Gel Concentrate	Guartz Guar gum Naphtha.	9000-30-0 64742-48-9		60%		0.13532% 0.13532%	
LoSurf-300D	Halliburton	Non-ionic Surfactant	hydrotreated heavy	95-63-6			1%	0.00055%	
			Trimethylbenzene Ethanol	64-17-5 64742-94-5		1	60%	0.033%	
			Heavy aromatic petroleum naphtha			30%		0.0165%	
			Naphthalene Poly (oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)	91-20-3 127087-87-0			5% 5%	0.00275% 0.00275%	
Cla-Web™	Halliburton	Additive	-omega-hydroxy-, branched Ammonium salt	Confidential Business			60%	0.03604%	
Potassium Chloride	Halliburton	Clay Control	KCI	Information 7447-40-7 107-21-1 26038-87-9			100%	0.0300476	
BC-140	Halliburton	Crosslinker	Ethylene glycol Monoethanolamine				30% 60%	0.00754% 0.01508%	
SandWedge® NT	Halliburton	Conductivity	borate Dipropylene glycol	34590-94-8			60%	0.02693%	
		Enhancer	monomethyl ether Heavy aromatic	64742-94-5			10%	0.00449%	
ER-25	Halliburton	Resin	petroleum naphtha Bisphenol A / Epichlorohydrin resin	25068-38-6			30%		
			Butyl glycidyl ether Dipropylene glycol	2426-08-6 34590-94-8			5% 100%	0.00091% 0.01815%	
HC-2	Halliburton	Additive	monomethyl ether Inner salt of alkyl	Confidential Business		1	30%	0.03838%	
		0.0000000000000000000000000000000000000	amines Sodium chloride	Information 7647-14-5			30%	0.03838%	
GBW-30 BREAKER	Halliburton	Breaker	Hemicellulase enzyme	9012-54-8			30%	0.00134%	
	e.		Carbohydrates	Confidential E Information	Business		100%	0.00446%	
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7			30%	0.00264%	
NITROGEN LIQUEFIED	Halliburton	Fluid	Walnut hulls Nitrogen	Mixture 7727-37-9		100% 100%		0.0088% 21.25331%	
Ingredients Listed Below This Line Are Part of the			Amine salts	Confidential Business Information			0%	0%	
			Amine salts	Confidential Business Information 6410-41-9 14808-60-7 Confidential Business Information			0%	0%	
			C.I. Pigment Red 5 Crystalline silica,				0% 0%	0% 0%	
		1	quartz Cured acrylic resin				0%	0%	
			Cured acrylic resin	Information Confidential Business Information			0%	0%	
			Enzyme	Confidential Business Information			0%	0%	
			Epichlorohydrin Fatty alcohol	106-89-8 9043-30-5			0% 0%	0%	
			polyglycol ether surfactant				2,000		
			Glycerine Methanol	56-81-5 67-56-1			0% 0%	0%	

56-81-5 67-56-1 91-20-3

91-20-3
Confidential Business Information

68953-58-2

7647-14-5 7732-18-5

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.

0% 0% 0% 0%

0%

0%

0%

0%

0%

0%

0% 0%

Title: Engineering Tech II

0% 0% 0% 0%

0% 0%

0%

0%

0%

0%

0% 0%

Water

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.

Printed Name: Lila Miller

Signature:

Date:

Signed Electronically

10/22/2014

Naphthalene Oxyalkylated phenolic resin

Oxyalkylated phenolic resin Quaternary amine

Quaternary amine

Quaternary amine

Quaternary ammonium compound Quaternary ammonium compounds, bis (hydrogenated tallow alkyl) dimethyl,salts with bentonite Sodium chloride Water