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 November 6, 2013

1. WELL API NO.: 30-045-35551

2. Well Name: CHACO 2308 24I #155H

3. Well Number: 155H

4. Surface Hole Location:
Unit:I Lot:I Section:24 Township:23N Range:08W
Feet from:1524 N/S Line:S
Feet from:255 E/W Line:E

5. Bottom Hole Location:
Unit:L Lot: Section:24 Township:23N Range:08W
Feet from:2400 N/S Line:S
Feet from:246 E/W Line:W

6. latitude: 36.209404 longitude: -107.6251678

7. County: San Juan

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

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: 5/16/2015 Frac Performed by: Baker Hughes

12. Production Type: G

13. Pool Code(s): 97232

14. Gross Fractured Interval: 5,785 ft to 10,290 ft

15. True Vertical Depth (TVD): 5,094 ft

16. Total Volume of Fluid Pumped: 59,522 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 #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Water	Operator	Carrier	Water	7732-18-5	100%	7.2778%
GBW-5	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0.0011%
Enzyme G-I	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0.0038%
Enzyme G-III	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0.0314%
High Perm CRB	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0.0008%
BF-7L	Baker Hughes	Buffer	Listed with Chemicals in Ingredients	N/A	0%	0.0172%
ClayCare, ClayTreat-2C, 330 gl tote	Baker Hughes	Clay Control	Listed with Chemicals in Ingredients	N/A	0%	0.0899%
XLW-32	Baker Hughes	Crosslinker	Listed with Chemicals in Ingredients	N/A	0%	0.0092%
FAW-22, 260 gal. tote	Baker Hughes	Foamer	Listed with Chemicals in Ingredients	N/A	0%	0.2482%
GW-3LDF	Baker Hughes	Gelling Agent	Listed with Chemicals in Ingredients	N/A	0%	0.4086%
Nitrogen	Baker Hughes	Nitrogen	Listed with Chemicals in Ingredients	N/A	0%	40.3507%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Listed with Chemicals in Ingredients	N/A	0%	0.0842%
Sand, Brown, 20/40	Baker Hughes	Proppant	Listed with Chemicals in Ingredients	N/A	0%	51.3644%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Listed with Chemicals in Ingredients	N/A	0%	0.0704%
Chemical Ingredients	Baker Hughes	Treatment System	1-butoxy-2-propanol	5131-66-8	5%	0.020314%
			2-butoxy-1-propanol	15821-83-7	0.1%	0.000406%
			Alcohols, ethoxylated	68551-12-2	10%	0.006997%
			Amines, unsatd. alkyl, ethoxylated	68155-39-5	5%	0.003499%
			Ammonium Alkyl Ether Sulfate	78330-26-4	10%	0.024676%
			Ammonium Persulphate	7727-54-0	100%	0.001906%
			Benzenesulfonic acid, hexadecyl (sulfophenoxy)-, disodium salt	65143-89-7	2%	0.001674%
			Boric Acid (H3BO3)	10043-35-3	30%	0.002757%
			Choline Chloride	67-48-1	75%	0.06701%
			Crystalline Silica (Quartz)	14808-60-7	100%	51.06745%
			Crystalline Silica: Quartz	14808-60-7	5%	0.020314%
			Ethoxylated Alcohol	68439-46-3	1%	0.002468%
			Ethylene Glycol	107-21-1	1%	0.002468%
			Fatty Amide Derivative	70851-08-0	1%	0.002468%
			Formaldehyde	50-00-0	1%	0.002468%
			Guar Gum	9000-30-0	60%	0.24377%
			Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.001049%
			Hydrated Magnesium Silicate	14807-96-6	1%	8E-06%
			Isopropanol	67-63-0	30%	0.074027%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.020314%
			Methanol	67-56-1	60%	0.026505%
			Methyl Borate	121-43-7	30%	0.002757%
			Mineral Oil	8042-47-5	70%	0.284399%
			Nitrogen	7727-37-9	100%	40.117373%
			Nonionic glycol ester	68400-71-5	25%	0.020928%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.121885%
			Petroleum Distillates	64742-47-8	30%	0.121885%
			Poly (Tetrafluoroethylene)	9002-84-0	0.5%	4E-06%
			Polyethylene glycol nonylphenyl ether	9016-45-9	15%	0.010496%
			Potassium Carbonate	584-08-7	60%	0.01024%
			Potassium Hydroxide	1310-58-3	1%	0.000171%
			Propylene Glycol	57-55-6	15%	0.012557%
			Sodium Chloride	7647-14-5	1%	0.002468%
			Sodium Sulfate	7757-82-6	1%	0.002468%
			Sodium Sulfonate	68439-57-6	30%	0.074027%
			Sodium lauriminodipropionate	14960-06-6	1%	0.000837%
			Sodium octylimodlpropionate	94441-92-6	3%	0.002511%
			Sulfuric acid, monodecyl ester, sodium salt (1:1)	142-87-0	5%	0.012338%
			Sulfuric acid, monohexyl ester, sodium salt (1:1)	2207-98-9	1%	0.002468%
			Sulfuric acid, monooctyl ester, sodium salt (1:1)	142-31-4	5%	0.012338%
			Vinylidene Chloride-Methyl Acrylate Polymer	25038-72-6	25%	0.000202%
			Water	7732-18-5	97%	0.31729%
Ingredients shown above are subject to 29 CFR 1910					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: Lila Miller Title: Engineering Tech II

Date: 7/23/2015

E-mail Address: Lila.Miller@wpxenergy.com

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