

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 8, 2013

1. WELL API NO:
30-045-35627

2. Well Name:
CHACO 2308 04L #459H

3. Well Number:
459H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:L Lot:L Section:4 Township:23N Range:08W
Feet from:2431 N/S Line:S
Feet from:427 E/W Line:W

5. Bottom Hole Location:
Unit:W Lot: Section:5 Township:23N Range:08W
Feet from:1274 N/S Line:S
Feet from:230 E/W Line:W

6. latitude: longitude:
36.255717305 -107.69451021

7. County:
San Juan

8. Operator Name and Address:
WPX ENERGY PRODUCTION, LLC
PO Box 640
721 South Main
Aztec 87410

9. OGRID:
120762

10. Phone Number:
505-333-1801

11. Last Fracture Date: 4/20/2015 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
47540, 97232

14. Gross Fractured Interval:
5,961 ft to 10,434 ft

15. True Vertical Depth (TVD):
5,191 ft

16. Total Volume of Fluid Pumped:
48,947 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%	5.8324%
GBW-5	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0%
Enzyme G-I	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0%
Enzyme G-III	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0%
High Perm CRB	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0%
BF-7L	Baker Hughes	Buffer	Listed with Chemicals in Ingredients	N/A	0%	0%
ClayCare, ClayTreat-2C, 330 gl tote	Baker Hughes	Clay Control	Listed with Chemicals in Ingredients	N/A	0%	0%
XLW-32	Baker Hughes	Crosslinker	Listed with Chemicals in Ingredients	N/A	0%	0%
FAW-22, 260 gal. tote	Baker Hughes	Foamer	Listed with Chemicals in Ingredients	N/A	0%	0%
GW-3LDF	Baker Hughes	Gelling Agent	Listed with Chemicals in Ingredients	N/A	0%	0%
Nitrogen	Baker Hughes	Nitrogen	Listed with Chemicals in Ingredients	N/A	0%	0%
NE-900, tote	Baker Hughes	Non-emulsifier	Listed with Chemicals in Ingredients	N/A	0%	0%
Sand, Brown, 20/40	Baker Hughes	Proppant	Listed with Chemicals in Ingredients	N/A	0%	0%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Listed with Chemicals in Ingredients	N/A	0%	0%
Chemical Ingredients	Baker Hughes	Treatment System	1-butoxy-2-propanol 2-butoxy-1-propanol Alcohols, ethoxylated Amines, unsatd. alkyl, ethoxylated Ammonium Alkyl Ether Sulfate Ammonium Persulfate Boric Acid (H3BO3) Choline Chloride Crystalline Silica (Quartz) Crystalline Silica: Quartz Ethoxylated Alcohol Ethylene Glycol Fatty Amide Derivative Formaldehyde Guar Gum Hemicellulase Enzyme Concentrate Hydrated Magnesium Silicate Isopropanol Isotridecanol, ethoxylated Methanol Methyl Borate Mineral Oil Nitrogen Oxyalkylated Alkylphenol Paraffinic Petroleum Distillate Petroleum Distillates Poly (Tetrafluoroethylene) Polyamines Polyethylene glycol nonylphenyl ether Potassium Carbonate Potassium Hydroxide Sodium Chloride Sodium Sulfate Sodium Sulfonate Sulfuric acid, monodecyl ester, sodium salt (1:1) Sulfuric acid, monohexyl ester, sodium salt (1:1) Sulfuric acid, monooctyl ester, sodium salt (1:1) Vinylidene Chloride-Methyl Acrylate Polymer Water	5131-66-8 15821-83-7 68551-12-2 68155-39-5 78330-26-4 7727-54-0 10043-35-3 67-48-1 14808-60-7 14808-60-7 68439-46-3 107-21-1 70851-08-0 50-00-0 9000-30-0 9025-56-3 14807-96-6 67-63-0 9043-30-5 67-56-1 121-43-7 8042-47-5 7727-37-9 9016-45-9 64742-55-8 64742-47-8 9002-84-0 68815-65-6 9016-45-9 584-08-7 1310-58-3 7647-14-5 7757-82-6 68439-57-6 142-87-0 2207-98-9 142-31-4 25038-72-6 7732-18-5	5% 0.1% 10% 5% 10% 100% 30% 75% 100% 5% 1% 1% 1% 1% 60% 3% 1% 30% 5% 60% 30% 30% 70% 100% 10% 30% 30% 0.5% 40% 15% 60% 1% 1% 1% 30% 5% 1% 5% 25% 97% 0%	0.021103% 0.000422% 0.007271% 0.003635% 0.025507% 0.001858% 0.002622% 0.070658% 52.683587% 0.021103% 0.002551% 0.002551% 0.002551% 0.002551% 0.253241% 0.001105% 7E-06% 0.076521% 0.021103% 0.052362% 0.002622% 0.295448% 39.964338% 0.008435% 0.126621% 0.126621% 4E-06% 0.033741% 0.010906% 0.009664% 0.000161% 0.002551% 0.002551% 0.076521% 0.012754% 0.002551% 0.012754% 0.000175% 0.326826% 0%

Ingredients shown above are subject to 29 CFR 1910.

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: 7/21/2015

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

NMOCB does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCB does not require the reporting or disclosure of proprietary, trade secret or confidential business information.