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.
30-045-35602

2. Well Name:
MC 5 COM #113H

3. Well Number:
113H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:33 Township:24N Range:08W
Feet from:1304 N/S Line:N
Feet from:372 E/W Line:W

5. Bottom Hole Location:
Unit:P Lot: Section:33 Township:24N Range:08W
Feet from:297 N/S Line:S
Feet from:372 E/W Line:W

6. latitude: 36.2745333650764 longitude: -107.694787514053

7. County:
San Juan

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: 10/4/2015 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
97232

14. Gross Fractured Interval:
6,079 ft to 10,811 ft

15. True Vertical Depth (TVD):
5,531 ft

16. Total Volume of Fluid Pumped:
1,190,826 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%	52.809%
HCl, 15.1 - 20%	Baker Hughes	Acidizing	Listed with Chemicals in Ingredients	N/A	0%	0.0771%
GBW-5	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0.0006%
ClayCare, ClayTreat-2C, 330 gl tote	Baker Hughes	Clay Control	Listed with Chemicals in Ingredients	N/A	0%	0.0512%
CI-27 (260 gal tote)	Baker Hughes	Corrosion Inhibitor	Listed with Chemicals in Ingredients	N/A	0%	0.0002%
FAW-22	Baker Hughes	Foamer	Listed with Chemicals in Ingredients	N/A	0%	0.0922%
GW-3D	Baker Hughes	Gelling Agent	Listed with Chemicals in Ingredients	N/A	0%	0.0899%
Ferrotrol 300L	Baker Hughes	Iron Control	Listed with Chemicals in Ingredients	N/A	0%	0.0004%
Nitrogen	Baker Hughes	Nitrogen	Listed with Chemicals in Ingredients	N/A	0%	20.4713%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Listed with Chemicals in Ingredients	N/A	0%	0.0478%
Sand, AZ Silica, 20/40	Baker Hughes	Proppant	Listed with Chemicals in Ingredients	N/A	0%	26.2767%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Listed with Chemicals in Ingredients	N/A	0%	0.0388%
Chemical Ingredients	Baker Hughes	Treatment System	Alcohols, ethoxylated	68551-12-2	10%	0.003873%
			Amines, unsatd. alkyl, ethoxylated	68155-39-5	5%	0.001937%
			Ammonium Alkyl Ether Sulfate	78330-26-4	10%	0.009211%
			Ammonium Persulphate	7727-54-0	100%	0.000612%
			Benzenesulfonic acid, hexadecyl (sulfophenoxy)-, disodium salt	65143-89-7	2%	0.000954%
			Choline Chloride	67-48-1	75%	0.038358%
			Citric Acid	77-92-9	60%	0.000268%
			Crystalline Silica (Quartz)	14808-60-7	100%	26.254481%
			Ethoxylated Alcohol	68439-46-3	1%	0.000921%
			Ethylene Glycol	107-21-1	1%	0.000921%
			Fatty Acids	61790-12-3	30%	7.1E-05%
			Fatty Amide Derivative	70851-08-0	1%	0.000921%
			Formaldehyde	50-00-0	1%	0.000921%
			Guar Gum	9000-30-0	100%	0.089871%
			Hydrochloric Acid	7647-01-0	20%	0.015414%
			Isopropanol	67-63-0	30%	0.027632%
			Methanol	67-56-1	60%	0.011761%
			Nitrogen	7727-37-9	100%	20.45394%
			Nonionic glycol ester	68400-71-5	25%	0.011929%
			Olefin	64743-02-8	5%	1.2E-05%
			Polyethylene glycol nonylphenyl ether	9016-45-9	15%	0.00581%
			Polyoxyalkylenes	68951-67-7	30%	7.1E-05%
			Propargyl Alcohol	107-19-7	10%	2.4E-05%
			Propylene Glycol	57-55-6	15%	0.007158%
			Sodium Chloride	7647-14-5	1%	0.000922%
			Sodium Sulfate	7757-82-6	1%	0.000921%
			Sodium Sulfonate	68439-57-6	30%	0.027632%
			Sodium lauriminodipropionate	14960-06-6	1%	0.000477%
			Sodium octylimodlpropionate	94441-92-6	3%	0.001432%
			Sulfuric acid, monodecyl ester, sodium salt (1:1)	142-87-0	5%	0.004605%
			Sulfuric acid, monohexyl ester, sodium salt (1:1)	2207-98-9	1%	0.000921%
			Sulfuric acid, monooctyl ester, sodium salt (1:1)	142-31-4	5%	0.004605%
			Thiourea Polymer	68527-49-1	30%	7.1E-05%
			Water	7732-18-5	97%	0.211707%
			hemicellulase enzyme concentrate	9025-56-3	3%	0.000596%
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: 11/19/2015

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.