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 February 16, 2012

1. WELL API NO. 30-045-33176
2. Well Name: SCHUMACHER #002F
3. Well Number: 002F
4. Surface Hole Location: Unit L Lot 12 Section 8 Township 30N Range 12W; Feet from 1750 N/S Line S; Feet from 870 E/W Line W
5. Bottom Hole Location: Unit L Lot 12 Section 8 Township 30N Range 12W; Feet from 1750 N/S Line S; Feet from 870 E/W Line W
6. latitude 36.82549501578545 longitude 108.127405681004
7. County: San Juan

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original
☐ Amendment

8. Operator Name and Address:
XTO ENERGY, INC.
XTO Energy, Inc.
382 Road 3100
Aztec 87410

9. OGRID: 5380
10. Phone Number: 505-333-3143

11. Last Fracture Date: 10/4/2013 Frac Performed by: Halliburton
12. Production Type: O
13. Pool Code(s): 97232
14. Gross Fractured Interval: 5,295 ft to 5,530 ft
15. True Vertical Depth (TVD): 7,042 ft
16. Total Volume of Fluid Pumped: 114,842 gals

17. 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	Base Fluid	Water	7732-18-5	100%	87.6858%
Sand - Premium White	Halliburton	Proppant	Crystalline Silica, Quartz	14808-60-7	100%	7.8734%
CRC Sand	Halliburton	Proppant	Crystalline Silica, Quartz	14808-60-7	100%	2.52752%
			Phenol / Formaldehyde Resin	9003-35-4	5%	0.13138%
			Hexamethylenetetramine	100-97-0	2%	0.05255%
LGC-36 UC	Halliburton	Liquid Gel Concentrate	Guar Gum	9000-30-0	60%	0.14914%
			Naphtha, Hydrotreated Heavy	64742-48-9	60%	0.14914%
FE Acid - >10% HCL	Halliburton	Solvent	Hydrochloric Acid	7647-01-0	30%	0.24444%
BC-140	Halliburton	Crosslinker	Monoethanolamine Borate	26038-87-9	60%	0.10217%
			Ethylene Glycol	107-21-1	30%	0.05109%
Chlorine Dioxide	PureLine Treatment Systems	Biocide	Chlorine Dioxide	10049-04-4	30%	0.09726%
OilPerm A	Halliburton	Non-ionic Surfactant	Ethanol	64-17-5	60%	0.03015%
			Heavy Aromatic Naphtha	64742-94-5	30%	0.0151%
			Heavy Aromatic Naphthalene		1%	0.00025%
			Poloxyl-12-ethanediyl, alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00025%
			1,2,4 Trimethylbenzene	95-63-6	1%	0.0005%
OilPerm B	Halliburton	Surfactant	Terpenes and Terpenoids, Sweet Orange-Oil	68647-72-3	30%	0.01534%
			Proprietary Component	Confidential	30%	0.01534%
			Isopropanol	67-63-0	30%	0.01534%
Parasorb 5005	Baker Hughes	Paraffin Inhibitor	Diatomaceous Earth, Calcined	91053-39-3	48%	0.02197%
			Complex Ester	Proprietary	30%	0.01373%
			Heavy Aromatic Naphtha	64742-94-5	5%	0.00458%
			Mineral Oil	8042-47-5	5%	0.00229%
			Ethylene-Vinyl Acetate Copolymer	Proprietary	5%	0.00229%
			Naphthalene	91-20-3	1%	0.00046%
			Crystalline Silica, Quartz (SiO2)	14808-60-7	1%	0.00046%
Cla-Web	Halliburton	Additive	Ammonium Salt	Confidential	60%	0.04176%
FE-1A Acidizing Composition	Halliburton	Additive	Acetic Anhydride	108-24-7	100%	0.05955%
OptiBrite-ITE	Halliburton	Breaker	Acetic Acid	64-19-7	60%	0.05591%
			Walnut Hulls	NA	100%	0.09314%
			Crystalline Silica, Quartz	14808-60-7	30%	0.0028%
FE-2A	Halliburton	Additive	Citric Acid	77-92-9	60%	0.00915%
GBW-30 Breaker	Halliburton	Breaker	Carbohydrates	Confidential	100%	0.00275%
			Hemicellulase Enzyme	9012-54-8	30%	0.00082%
GasPerm 1100	Halliburton	Non-Ionic Surfactant	Ethanol	64-17-5	30%	0.00129%
			Isopropanol	67-63-0	10%	0.00043%
			Methanol	67-56-1	10%	0.00043%
			Terpenes and Terpenoids, Sweet Orange-Oil	68647-72-3	5%	0.00021%
HAI-OS Acid Inhibitor	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00041%
			Propargyl Alcohol	107-19-7	10%	7E-05%
		Other Ingredient(s)	Water	7732-18-5	0%	0.98346%
Chlorine Dioxide	PureLine Treatment Systems	Biocide	Water	7732-18-5	70%	0.22716%
		Other Ingredient(s)	Ethoxylated Fatty Acid	Confidential	0%	0.01577%
			Alcohols, C12-16, Ethoxylated	61791-08-0	0%	0.01534%
			Oxyalkylated Phenolic Resin	Confidential	0%	0.0151%
			Quaternary Ammonium Compounds, Bis (hydrogenated tallow alkyl) Dimethyl Salts with Bentonite	68953-58-2	0%	0.01243%
			Acetic Acid	64-19-7	0%	0.00815%
			Acetic Anhydride	108-24-7	0%	0.00815%
			Citric Acid	77-92-9	0%	0.00815%
			Terpenes and Terpenoids	Confidential	0%	0.00533%
			Oxyalkylated Phenolic Resin	Confidential	0%	0.00503%
			Quaternary Amine	Confidential	0%	0.00348%
			Sodium Chloride	7647-14-5	0%	0.00348%
			Cured Acrylic Resin	Confidential	0%	0.0028%
			Propylene Glycol	9043-30-5	0%	0.00249%
			Ether Surfactant		0%	0%
			Quaternary Amine	Confidential	0%	0.0007%
			Enzyme	Confidential	0%	0.00047%
			Ethoxylated Fatty Acid	Confidential	0%	0.00043%
			Crystalline Silica, Quartz	14808-60-7	0%	0.00025%
			Ethoxylated Fatty Acid	Confidential	0%	0.00021%
			Alcohols, C14-C15, Ethoxylated	68951-67-7	0%	0.0002%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	0%	0.0002%
			Fatty Acids, Tall Oil	Confidential	0%	0.0002%
			Cured Acrylic Resin	Confidential	0%	8E-05%
			C.I. Pigment Red 5	6410-41-9	0%	8E-05%
			Quaternary Amine	Confidential	0%	7E-05%
			Amine Salts	Confidential	0%	7E-05%
			Amine salts	Confidential	0%	7E-05%
			Methyl Isobutyl Ketone	108-10-1	0%	4E-05%
			Olefins	Confidential	0%	3E-05%
			Olefins	Confidential	0%	3E-05%
			Olefins	Confidential	0%	1E-05%
			Olefins	Confidential	0%	1E-05%

18. 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: Sherry Morrow Title: Regulatory Analyst

Date: 10/30/2013

E-mail Address: Sherry_morrow@xtoenergy.com

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