

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:
30-039-31151

2. Well Name:
CLU 2507 33 513 #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒Original

☐Amendment

4. Surface Hole Location:
Unit:P Lot:P Section:33 Township:25N Range:07W
Feet from:505 N/S Line:S
Feet from:158 E/W Line:E

5. Bottom Hole Location:
Unit:P Lot:P Section:33 Township:25N Range:07W
Feet from:505 N/S Line:S
Feet from:158 E/W Line:E

6. Latitude:
0 longitude:
0

7. County:
Rio Arriba

8. Operator Name and Address:
HUNTINGTON ENERGY, LLC
908 NW 71st
Oklahoma City 73116

9. OGRID:
208706

10. Phone Number:
405-940-9876

11. Last Fracture Date:
11/12/2013 Frac Performed by: Halliburton and Baker Hughes

12. Production Type:
G

13. Pool Code(s):
19859

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
6,061 ft

16. Total Volume of Fluid Pumped:
2,320,846 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)
Fresh Water	Huntington Energy	Base Fluid	Fresh Water	7732-18-5		73.09455%
Hydrochloric Acid 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0		0.25201%
Sand-Premium White	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7		7.13348%
CRC Sand	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7		1.69845%
			Hexamethylenetetramine	100-97-0		0.03397%
			Phenol/formaldehyde resin	9003-35-4		0.08492%
LGC-36 UC	Halliburton	Liquid Gel Concentrate	Guar gum	9000-30-0		0.18345%
			Naphtha, hydrotreated heavy	64742-48-9		0.18345%
Cla-Web	Halliburton	Additive	Ammonium salt	Confidential Business Information		0.02136%
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6		0.00024%
			Ethanol	64-17-5		0.01436%
			Heavy aromatic petroleum naphtha	64742-94-5		0.00718%
			Naphthalene	91-20-3		0.0012%
			Poly (oxy-1,2-ethanediyl), alpha-(4nonylphenyl)-omega-hydroxy, branched	127087-87-0		0.0012%
HC-2	Halliburton	Additive	Inner salt of alkyl amines	Confidential Business Information		0.02473%
Optiflo-III Delayed Release Breaker	Halliburton	Breaker	Sodium chloride	7647-14-5		0.02473%
SP Breaker	Halliburton	Breaker	Ammonium persulfate	7727-54-0		0.00364%
Nitrogen liquefied	Halliburton	Fluid	Crystalline silica, quartz	14808-60-7		0.00109%
Water	Huntington Energy	Carrier	Sodium persulfate	7775-27-1		0.00187%
HCl, 10.1-15%	Baker Hughes	Acidizing	Nitrogen	7727-37-9		16.78026%
			Water	7732-18-5		53.76093%
			Hydrochloric Acid	7647-01-0		0.27069%
			Water	7732-18-5		1.53392%
Alpha 1427	Baker Hughes	Biocide	Didecyl Dimethyl Ammonium Chloride	7173-51-5		0.00308%
			Ethanol	64-17-5		0.00154%
			Glutaraldehyde	111-30-8		0.00923%
			Quaternary Ammonium Compound	68424-85-1		0.00154%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0		0.00086%
Enzyme G-I	Baker Hughes	Breaker	Contains non-hazardous ingredients	NA		0.03628%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0		0.0023%
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7		0.13398%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret		0.00083%
			Methanol	67-56-1		0.00166%
			Olefin	Trade Secret		0.00014%
			Polyoxyalkylenes	Trade Secret		0.00083%
			Propargyl Alcohol	107-19-7		0.00028%
			Thiourea Polymer	68527-49-1		0.00083%
CorrSorb 3600, 25 lb pail	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	9046-01-9		0.00081%
			Crystalline Silica: Quartz	14808-60-7		8E-05%
			Ethylene Glycol	107-21-1		8E-05%
			Quaternary Ammonium Compound	61789-71-7		0.00242%
XLW-32, 260 gal	Baker Hughes	Crosslinker	Boric Acid	10043-35-3		0.01485%
			Methanol	67-56-1		0.02869%
			Methyl Borate	121-43-7		0.01485%
FAW-22	Baker Hughes	Foamer	Alkyl Sulfate (1 of 3)	Trade Secret		0.00175%
			Alkyl Sulfate (2 of 3)	Trade Secret		0.00175%
			Alkyl Sulfate (3 of 3)	Trade Secret		0.01746%
			Isopropanol	67-63-0		0.05239%
			Sodium Sulfonate	68439-57-6		0.05239%
			Ammonium Alkyl Ether Sulfate	Trade Secret		0.01746%
GW-3LDF	Baker Hughes	Gelling Agent	1-butoxy-2-propanol	5131-66-8		0.01685%
			Crystalline Silica: Quartz	14808-60-7		0.01685%
			Guar Gum	9000-30-0		0.20221%
			Isotridecanol, ethoxylated	9043-30-5		0.01685%
			Paraffinic Petroleum Distillate	64742-55-8		0.1011%
			Petroleum Distillates	64742-47-8		0.1011%
Ferrotrol 300L (Totes)	Baker Hughes	Iron Control	Citric Acid	77-92-9		0.00588%
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9		20.98677%
NE-900, tote	Baker Hughes	Non-emulsifier	Methanol	67-56-1		0.01588%
			Nonyl pheny polyethylene glycol ether	9016-45-9		0.00529%
Parasorb 5005, 50 lb bag	Baker Hughes	Paraffin Inhibitor	Crystalline Silica: Quartz	91053-39-3		0.03985%
			Complex Ester	Trade Secret		0.01195%
			Crystalline Silica: Quartz (SiO2)	14808-60-7		0.0004%
			Ethylene-Vinyl Acetate Copolymer	Trade Secret		0.00199%
			Heavy Aromatic Naphtha	64742-94-5		0.00398%
			Mineral Oil	8042-47-5		0.00199%
			Naphthalene	91-20-3		0.0004%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7		20.29569%
Sand, Brown, 12/20	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7		1.78958%
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphoric Acid	Trade Secret		0.00242%
			Crystalline Silica (Quartz, SiO2)	14808-60-7		8E-05%
			Diatomaceous Earth, Calcined	91053-39-3		0.00808%
			Phosphoric Acid	13598-36-2		8E-05%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1		0.01604%
			Oxalkylated Alkylphenol (1)	Trade Secret		0.00535%
			Oxalkylated Alkylphenol (2)	Trade Secret		0.00535%
			Oxalkylated Amine	Trade Secret		0.0016%
			Polyoxyalkylene	Trade Secret		0.00535%

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: Catherine Smith

Title: Manager

Date: 12/24/2013

E-mail Address: csmith@huntingtonenergy.com

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