Submit within 45 days of well completion

Revised November 9, 2010

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original
☐ Amendment

1. API Number: 30-015-42415
2. Well Name: COTTON DRAW UNIT #236H
3. Well Number: 236H
4. Surface Hole Location: Unit O Lot O Section 11 Township 25S Range 31E; Feet from 1165 N/S Line FSL; Feet from 2165 E/W Line FEL
5. Bottom Hole Location: Unit P Lot P Section 11 Township 25S Range 31E; Feet from 250 N/S Line FSL; Feet from 330 E/W Line FEL
6. Pool Name: Undesignated Hackberry; Bone Spring
7. Pool Number: 32 161013174 96645 - 033 70346300002

8. Operator Name and Address:
DEVON ENERGY PRODUCTION COMPANY, LP
333 West Sheridan Avenue
Oklahoma City, 73102

9. API Contact: Jackie Ryan 405-228-8588

10. Last Fracture Date: 12/20/2012 Frac Performed by: Baker Hughes

11. Total Volume of Fluid Pumped: 15,000,000 gal

12. Total Volume of Fluid Recovered: 2,500,000 gal

13. Total Volume of Fluid Left in Place: 12,500,000 gal

14. Production Type: O

15. Total Proppant Pumped: 1,000,000 lbs

16. Total Volume of Fluid Pumped: 357,143 bbl

17. Total Volume of Fluid Recovered: 59,524 bbl

18. Total Volume of Fluid Left in Place: Not Calculated

19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:

Trade Name	Supplier	Purpose	Ingredients	CAS # (if 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%	87.10833%
Sand, White, 40/70	Baker Hughes	Proppant	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.17712%
Bio10 (3lb) 50/50	Baker Hughes	Proppant	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.26568%
Sand, White, 100 mesh	Baker Hughes	Proppant	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	2.54649%
HCL 5.1 - 7.5%	Baker Hughes	Acidizing	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.79988%
NE-210	Baker Hughes	Surface Tension Reducer	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.08051%
GW-4	Baker Hughes	Gelling Agent	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.07688%
BF-9L, 300 gal tote	Baker Hughes	Buffer	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.05449%
BLR-300, tote	Baker Hughes	Crosslinker	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.07068%
XL-9 4	Baker Hughes	Crosslinker	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.02964%
Parasorb 5000, bag	Baker Hughes	Paraffin Inhibitor	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.07424%
GW-3LDF	Baker Hughes	Gelling Agent	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.01475%
ClayCare, drum	Baker Hughes	Clay Control	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.01476%
SBR-5	Baker Hughes	Breaker	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.00732%
Parabrine 200L	Baker Hughes	Iron Control	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.00255%
High Perm CRB	Baker Hughes	Breaker	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.00154%
CI-37	Baker Hughes	Corrosion Inhibitor	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.00139%
XZ-12	Baker Hughes	Gelling Agent	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.00064%
NE-30, 330 gl tote	Baker Hughes	Non-emulsifier	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.00039%
Ingredients shown above are subject to 29 CFR 1910			Water	7732-18-5	100%	0.31968%
			2-Propenoic acid, polymer with 2-propenamide, sodium salt	146896-60-7	100%	0.20317%
			Alcohols, C12-14, ethoxylated	68439-50-7	100%	0.20317%
			Guar Gum	9000-30-0	100%	0.32064%
			Guar Gum	9000-30-0	100%	0.32064%
			Hydrotreated Light Distillate	64742-47-8	30%	0.09615%
			Hydrotreated Light Distillate	64742-47-8	30%	0.09615%
			Fumaric Acid	110-17-8	1%	0.00321%
			Polyether	13213-21-5	5%	0.01604%
			Polyether	13213-21-5	5%	0.01604%
			Sodium, aluminum, hydroxide	1763-00-2	30%	0.10364%
			1,2-Propanediol, and 2-methyl-2(1-oxo-2-propenyl)amino-ethanesulfonic acid, polymer 2-propenamide	39150-85-1	30%	0.10364%
			Ammonium persulfate	7727-54-0	90%	0.21631%
			Ammonium persulfate	7727-54-0	90%	0.21631%
			Organic Peroxi	110-05-4	10%	0.02403%
			Methyl Oil	68037-71-3	10%	0.02403%
			Sodium Hypochlorite	7681-52-9	5%	0.01202%
			Choline Chloride	67-48-1	75%	0.01804%
			Diatomaceous Earth, calcined	91053-39-3	70%	0.00974%
			Sodium Chloride	7647-14-5	30%	0.00418%
			Ammonium Persulfate	7727-54-0	30%	0.00418%
			Ammonium, Acetate	631-61-8	10%	0.00139%
			Glycol	9421-54-5	30%	0.00418%
			Hydrotreated Light Distillate	64742-47-8	30%	0.00418%
			Paraffins, Petroleum, Distillate	64742-55-8	30%	0.00418%
			Crystalline Silica (Quartz)	14808-60-7	1%	0.00418%
			Urea	57-13-6	1%	0.00418%
			2-Propenoic acid, polymer with 2-propenamide, sodium salt, 2-propenamide	146896-60-7	1%	0.00418%
			Sorbitan Monooleate, Ethoxylated	9005-65-6	5%	0.00348%
			Sorbitan Monooleate, Ethoxylated	9005-65-6	5%	0.00348%
			Alcohols, C12-14, ethoxylated	68439-50-7	5%	0.00348%
			Alcohols, C12-14, ethoxylated	68439-50-7	5%	0.00348%
			Methanol	67-56-1	60%	0.00606%
			Methanol	67-56-1	60%	0.00606%
			Polyether	9046-30-0	30%	0.00303%
			Polyether	9046-30-0	30%	0.00303%
			Thiourea Polymer	68527-49-1	30%	0.00303%
			Thiourea Polymer	68527-49-1	30%	0.00303%
			Propanedioic acid	141-82-2	30%	0.00303%
			Methyl Acrylate Polymer	9003-37-4	30%	0.00303%
			Acrylic Polymers	25987-30-8	30%	0.00303%
			Sodium Chloride	7647-14-5	1%	0.00031%
			Sodium Metabisulfite	7681-57-4	1%	0.00031%
			Sodium Chloride	7647-14-5	1%	0.00031%
			Sodium Chloride	7647-14-5	1%	0.00031%
			Sodium Bromate/Sodium Chloride	7775-27-1	1%	0.00031%
			Acrylamide-acrylic acid sodium salt-sulfonate copolymer	874-42-0/ 1595-67-7	1%	0.00031%
			Ammonium Chloride	12125-02-9	10%	0.00014%
			Propanol, Acetate	107-18-7	10%	0.00014%
			Ammonium Acetate	631-61-8	5%	0.00007%
			Ammonium Hydroxide	1336-21-6	5%	0.00007%
			Nonionic alcohol ether	68551-12-2	5%	0.00007%
			Propylene Glycol	57-55-6	5%	0.00007%
			Propylene Glycol	57-55-6	10%	48.39%
			Cocamidopropyl betaine	5916-45-6	5%	24.20%
			Isostearyl Imidazoline	14001-96-8	5%	24.20%
			Water	7732-18-5	5%	24.20%
			Fatty Acid Esters	61790-12-3	1.5%	12.09%
			Sodium Chloride	68441-92-9	3%	12.09%
			Methylbenzyloxyethyl Benzimidazolyl ethoxyethoxyethyl Quaternary Chloride	68123-18-7	2%	10.08%
			Fatty Hydroxyethylamine	68551-33-5	0.5%	10.08%
			Fatty Acid Salts	68553-00-4	0.5%	10.08%
			Sodium Chloride	14960-06-6	1%	0%
			Acetoxyethoxyethyl Benzimidazolyl Chloride	68123-19-8	0.5%	0%
			Water of Hydration	2973-22-5	0.5%	0%
			Ammonium Chloride	12125-02-9	10%	0%
			Fatty Acid	112-05-0	1.00%	0%
			Magnesium Oxide	1309-48-4	0.001%	0%
			2-Propenoic acid, polymer with sodium salt	25987-30-8	0.001%	0%
			2-Propenoic acid, polymer with sodium salt	25987-30-8	0.001%	0%
			Magnesium Chloride	7786-30-3	0.001%	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: Sara Coon
Title: Regulatory Associate
Date: 10/2/2013
Email Address: sara.coon@dvn.com

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