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. WELL API NO. 30-015-42414
2. Well Name: COTTON DRAW UNIT #223H
3. Well Number: 223H
4. Surface Hole Location: Unit O Lot O Section 11 Township 25S Range 31E; NS Line 250 Feet from the S; EW Line 2310 Feet from the E
5. Bottom Hole Location: Unit P Lot P Section 11 Township 25S Range 31E; NS Line 50 Feet from the S; EW Line 330 Feet from the E
6. Pool Name: Paduca; Bone Spring
7. Pool Number: 32.121461460201241 -103.7506203376501

8. Operator Name and Address:
DEVON ENERGY PRODUCTION COMPANY, LP
333 West Sheridan Avenue
Oklahoma City, 73102-5015
11. Last Fracture Date: 12/29/2013 Frac Performed by: Baker Hughes
12. Perf Interval (Feet): 9,000 - 14,500
13. Total Vertical Depth (TVD): 9,000 feet
14. Total Measured Depth (MD): 14,500 feet
15. Total Volume of Fluid Pumped: 4,000,000 gallons
9. API Number: 30-015-42414
10. Phone Number: 405-228-8588
16. Percentage Tracer: 0
17. Water Production Intervals: 9,000 - 14,500
18. Total Volume of Flow Back: 1,000,000 gallons
19. Percent Flow Back: 25
20. Production Type: Oil
21. Status: Producing
22. Date First Production: 12/29/2013

23. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:

Trade Name	Supplier	Purpose	Ingredients	CAS # (for 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%	87.2551%
Sand, White, 40/70	Baker Hughes	Proppant	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	2.7231%
Bio1 (3lb) 5000	Baker Hughes	Proppant	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	2.3808%
Sand, White, 100 mesh	Baker Hughes	Proppant	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	2.5171%
HCL 5.1 - 7.5%	Baker Hughes	Acidizing	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.5555%
NE-21.2	Baker Hughes	Surface Tension Reducer	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.3058%
GW-4	Baker Hughes	Gelling Agent	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.2795%
BF-9L, 300 gal tote	Baker Hughes	Buffer	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.3540%
BLR-300, tote	Baker Hughes	Crosslinker	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.3771%
XL-9.4	Baker Hughes	Crosslinker	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.3296%
Parasorb 5000, bag	Baker Hughes	Paraffin Inhibitor	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.3154%
CagCide, drum	Baker Hughes	Clay Control	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.2476%
GW-3LDF	Baker Hughes	Gelling Agent	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.3854%
SBR-5	Baker Hughes	Breaker	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.0972%
Fe-NTA 200L	Baker Hughes	Iron Control	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.0255%
High Perm CRB	Baker Hughes	Breaker	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.0214%
CI-27	Baker Hughes	Corrosion Inhibitor	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.0013%
AZ-12	Baker Hughes	Gelling Agent	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.3556%
NE-30, 330 gl tote	Baker Hughes	Non-emulsifier	Mineral and Non-mineral Ingredients Listed Below	N/A	3%	0.3835%
Ingredients shown above are subject to 29 CFR 1910			Water	7732-18-5	100%	87.2551%
			Ammonium Chloride	12125-02-9	10%	0.2551%
			Choline Chloride Quaternary Salt	14006-65-7	100%	0.2551%
			Guar Gum	9000-30-0	100%	0.3423%
			Sodium Chloride	7647-14-5	30%	0.3423%
			Hydrotreated Light Petroleum Distillate	64742-47-8	30%	0.3423%
			Furfural Alcohol	98-00-0	1%	0.0034%
			Isopropanol	67-63-0	5%	0.0171%
			Methanol	67-56-1	60%	0.2051%
			1-Propanediamine, acid 2-methyl-(2-nitro-2-methylpropyl) monosodium salt, polymer with formaldehyde	67700-65-8	5%	0.0296%
			Acetic acid (potassium salt)	127-08-2	30%	0.2396%
			Potassium Iodide	7681-11-0	30%	0.0128%
			Potassium Iodate	7758-05-6	30%	0.0128%
			Polyacrylamide	9003-05-8	30%	0.0128%
			Ammonium Acetate	631-61-8	30%	0.0128%
			Diammonium Peroxidisulfate	7727-54-0	30%	0.0128%
			Ammonium Persulfate	7727-54-0	30%	0.0128%
			Glycerine	56-81-5	30%	0.1024%
			Citric Acid	77-92-9	30%	0.1024%
			1-Propanaminium, 3-(acetylamino)-2-hydroxy-2-methyl-, 2-methyl-2-propenoate (methyl ester), chloride, polymer with 2-propenamide, 2-methyl-2-propenoic acid, monosodium salt	136795-28-9	5%	0.0934%
			Sodium Chloride	7647-14-5	5%	0.0853%
			Water	7732-18-5	60%	0.1024%
			Ethoxylated nonylphenol substituted with methyl-(2-propenyl), benzyl-chloride-quaternized, homopolymer	68412-54-4	5%	0.0853%
			Surfactant	68131-39-5	1.5%	0.0026%
			Hydrotreated Light Distillate	64742-47-8	30%	0.0509%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.0509%
			2-Butoxyethanol	111-76-2	10%	0.0203%
			Acetic acid ethenyl ester, polymer with ethenol	24937-78-8	10%	0.0203%
			Hydrotreated Light Petroleum Distillate	64742-47-8	10%	0.0214%
			Water	7732-18-5	70%	0.1311%
			Methanol	67-56-1	60%	0.0924%
			Methyl Oxirane, polymer with oxirane, monohydrogen phosphate	37350-68-6	5%	0.0077%
			Phosphate Ester	68037-05-1	30%	0.0231%
			Polyoxyethylene Glycol Oleate	9004-96-0	30%	0.0231%
			Polyoxyethylene Castor Oil	61791-12-6	30%	0.0231%
			Sodium Metabisulfite	7681-57-4	1%	0.0003%
			Water	7732-18-5	70%	0.0357%
			Acrylamide-acrylic acid -cationic copolymer	EPA Acid 09401	1%	0.0357%
			Water	7732-18-5	1%	0.0015%
			Sodium gluconate	527-07-1	1%	0.0015%
			Sodium chloride	7647-14-5	1%	0.0015%
			Magnesium chloride	7786-30-3	1%	0.0015%
			Choline Chloride	67005-72-0	25%	0.0038%
			Methyl Acrylate Polymer	9003-37-0	1%	0.0015%
			Ammonium Chloride	12125-02-9	1%	0.0015%
			Propargyl Alcohol	107-19-7	10%	0.0021%
			Sodium Chloride	7647-14-5	5%	0.0011%
			Guar Gum	9000-30-0	5%	0.0011%
			Napthenic acid ethoxylate	68412-38-6	2%	0.0004%
			Methanol	67-56-1	90%	0.1951%
			Propargyl Alcohol	107-19-7	20%	0.0043%
			Acetophenone	98-86-2	10%	0.0022%
			Thiourea Polymer	68527-49-1	30%	0.0065%
			Polyethylenimine	68603-67-8	30%	0.0065%
			Quaternary Ammonium Compound	68989-00-4	30%	0.0065%
			Hydrotreated Light Distillate	64742-47-8	30%	0.0651%
			Sodium Metabisulfite	7681-57-4	5%	0.0008%
			Water	7732-18-5	70%	0.0117%
			Acrylamide-acrylic acid -cationic copolymer	EPA Acid 09401	1%	0.0017