

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:
30-015-42091

2. Well Name:
COTTON DRAW 14 FED COM #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section: 14 Township:25S Range:31E
Feet from:330 N1S Line:N
Feet from:1150 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:D Section: 14 Township:25S Range:31E
Feet from:330 N1S Line:N
Feet from:1150 E/W Line:W

6. latitude: 32.13672301621 longitude: -103.753509143105

7. County: Eddy

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

9. OGRID: 6137 10. Phone Number: 405-228-8588

11. Last Fracture Date: 11/25/2014 Frac Performed by: Baker Hughes

12. Production Type: O

13. Pool Code(s): 90041

14. Gross Fractured Interval: Confidential

15. True Vertical Depth (TVD): 10,405 ft

16. Total Volume of Fluid Pumped: 4,629,870 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%
Sand, White, 40/70	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A		85.26767%
Black Ultra 30/50	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A		7.13005%
Sand, White, 100 mesh	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A		3.47406%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	MSDS and Non-MSDS Ingredients Listed Below	N/A		2.66287%
INFLO 72	Baker Hughes	Surface Tension Reducer	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.86009%
BF-9L, 300 gal tote	Baker Hughes	Buffer	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.09268%
GW-4	Baker Hughes	Gelling Agent	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.0625%
NE-35, 330 gal tote	Baker Hughes	Non-emulsifier	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.05954%
XLW-30G, tote	Baker Hughes	Crosslinker	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.04892%
XLW-4	Baker Hughes	Crosslinker	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.04243%
ClayCare, tote	Baker Hughes	Clay Control	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.03462%
Parasorb 5000, bag	Baker Hughes	Paraffin Inhibitor	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.02368%
GBW-5	Baker Hughes	Breaker	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.01633%
Ferrotrol 280L	Baker Hughes	Iron Control	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.00764%
High Perm CRB	Baker Hughes	Breaker	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.00274%
CI-27	Baker Hughes	Corrosion Inhibitor	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.00166%
CI-27	Baker Hughes	Corrosion Inhibitor	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.00148%
AG-12	Baker Hughes	Gelling Agent	MSDS and Non-MSDS Ingredients Listed Below	N/A		0.0009%
Ingredients shown above are subject to 29 CFR 1910			MSDS and Non-MSDS Ingredients Listed Below	14808-60-7	100%	9.76911%
			Crystalline Silica (Quartz)	14808-60-7	100%	3.46555%
			Crystalline Silica Quartz (SiO2)			
			Water	7732-18-5	92.5%	1.02708%
			Hydrochloric Acid	7647-01-0	7.5%	0.06441%
			Guar Gum	9000-30-0	100%	0.0564%
			Potassium Carbonate	584-08-7	60%	0.03741%
			Furfuryl Alcohol	98-00-0	1%	0.03466%
			Polyethers	68915-65-6	30%	0.02774%
			Isopropanol	67-63-0	30%	0.02774%
			Potassium Hydroxide	1310-58-3	30%	0.0187%
			Choline Chloride	67-48-1	75%	0.01772%
			Ulexite Mineral	1319-33-1	40%	0.01693%
			1-Propanesulfonic acid 2-methyl-2[(1-oxo-2-propenyl)amino] monosodium salt, polymer	38193-60-1	30%	0.01678%
			2-propanamide			
			Sulfuric acid diammonium salt	7783-20-2	30%	0.01678%
			Organic Polyol	112-27-6	15%	0.01387%
			Potassium Formate	590-29-4	30%	0.0127%
			Ammonium Persulfate	7727-54-0	100%	0.00923%
			Nonionic glycol ester	68400-71-5	25%	0.0122%
			Nonionic Alkoxylate	70558-25-0	10%	0.00825%
			Glycerin	8043-29-6	25%	0.00883%
			Propylene Glycol	57-55-6	15%	0.00732%
			Orange Terpene	68647-72-3	5%	0.00462%
			Surfactant	68131-39-5	15%	0.00324%
			2-Propenoic acid	136793-29-8	5%	0.0028%
			2methylpolymer,2methyl-2 [(1-oxo-2-propenyl)amino] 1propanesulfonic acid monosodium			
			Sorbitan, mono-(9Z)-9-octadecenoate	1338-43-8	5%	0.0028%
			Urea	57-13-6	5%	0.0029%
			2-Mercaptoethanol	60-24-2	100%	0.00274%
			Mineral Oil	8042-47-5	15%	0.00244%
			Acetic acid ethenyl ester, polymer with ethene	24937-78-8	15%	0.00244%
			Diatomaceous Earth, Calcined (kieselguhr)	61790-53-2	10%	0.00163%
			Sodium	94441-92-6	3%	0.00146%
			octylimidopropionate			
			Clay	12174-11-7	3%	0.00127%
			Benzenesulfonic acid, hexadecyl(sulfophenoxy)-, disodium salt	65143-89-7	2%	0.00098%
			Methanol	67-56-1	60%	0.00089%
			Cellulose	9004-32-4	2%	0.00085%
			Acrylic Polymers	26006-22-4	60%	0.00054%
			Sodium laurimodopropionate	14960-06-6	1%	0.00049%
			Polyoxalkylenes	68951-67-7	30%	0.00044%
			Thiourea Polymer	68527-49-1	30%	0.00044%
			Fatty Acids	61790-12-3	30%	0.00044%
			Sodium glycolate	2836-32-0	1%	0.00042%
			Acrylamide-acrylic acid copolymer, sulfomethylated,	EPA Acct 108431	1%	0.00042%
			Sodium bisulfate	7661-38-1	1%	0.00042%
			Crystalline Silica Quartz	14808-60-7	1%	0.00042%
			Sodium chloride	7647-14-5	1%	0.00042%
			Sodium formaldehyde bisulfate	870-72-4	1%	0.00042%
			Vinylidene Chloride-Methyl Acrylate Polymer	25038-72-6	25%	0.00041%
			Hydrotreated Light Distillate	64742-47-8	30%	0.00027%
			Crystalline Silica (Cristobalite)	14464-46-1	1%	0.00016%
			Propargyl Alcohol	107-19-7	10%	0.00015%
			Ammonium Hydroxide	1336-21-6	5%	0.00014%
			Cupric Chloride	7447-39-4	5%	0.00014%
			Olefin	64743-02-8	5%	7E-05%
			Oxyalkylated Alkylphenol	9016-45-9	5%	4E-05%
			Fatty Acid Esters	67701-32-0	1.9%	2E-05%
			Hydrated Magnesium Silicate	14807-96-6	1%	2E-05%
			Poly (Tetrafluoroethylene)	9002-94-0	0.5%	1E-05%
			Sodium Chloride	7647-14-5	0.5%	1E-05%
			Xylene	1330-20-7	0.6%	1E-05%
			diester of sulfosuccinic acid sodium salt	2673-22-5	0.5%	0%
			Fatty Acid Oxyalkylate	70142-34-6	0.2%	0%
			Formaldehyde	50-00-0	0.05%	0%
			2-methyl-4-isothiazolin-3-one	2682-20-4	0.001%	0%
			5-Chloro-2-methyl-3(2H)-isothiazolone	26172-55-4	0.001%	0%
			Magnesium nitrate	10377-60-3	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
Date: 3/16/2015
E-mail Address: sara.cook@dvn.com

Printed Name: Sara Cook

Title: Regulatory Associate

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