

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:
30-015-42071

2. Well Name:
COTTON DRAW UNIT #205H

3. Well Number:
205H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒Original
☐Amendment

4. Surface Hole Location:
Unit:O Lot:O Section:26 Township:24S Range:31E
Feet from:150 N/S Line:S
Feet from:1450 E/W Line:E

5. Bottom Hole Location:
Unit:O Lot:O Section:26 Township:24S Range:31E
Feet from:150 N/S Line:S
Feet from:1450 E/W Line:E

6. latitude: 32.181444199934 longitude: -103.744768598066

7. County:
Eddy

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

9. OGRID: 6137

10. Phone Number: 405-228-8588

11. Last Fracture Date: 2/4/2015 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
96641

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
10,475 ft

16. Total Volume of Fluid Pumped:
2,298,527 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	Operator	Base Fluid	Fresh Water	7732-18-5	100%	84.3983994%
Premium White 40/70	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	7.5128617%
CRC Premium 30/50	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	3.6181066%
			Phenol/formaldehyde resin	9003-35-4	5%	0.1809053%
			Hexamethylenetetramine	100-97-0	2%	0.0723621%
100 Mesh	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	3.2285903%
FE Acid > 10%	Halliburton	Acid	Hydrochloric Acid	7647-01-0	100%	0.9123021%
OILPERM A, TOTE	Halliburton	Non-ionic Surfactant	Ethanol	64-17-5	60%	0.0540053%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.0270026%
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.0045004%
			Naphthalene	91-20-3	5%	0.0045004%
			1,2,4 Trimethylbenzene	95-63-6	1%	0.0009001%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.0769065%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.0197218%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.0183131%
SUPERSET W	Halliburton	Activator	Ethoxylated nonylphenol	Confidential	60%	0.006756%
			Methanol	67-56-1	60%	0.006756%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium metaborate	13709-94-9	60%	0.0101735%
			Potassium hydroxide	1310-58-3	5%	0.0008478%
Cla-Web(TM)	Halliburton	Additive	Ammonium salt	Confidential		0.0097273%
OptiKleen-WF(TM)	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.0074406%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.0027737%
MO-67	Halliburton	pH Control Additive	Crystalline silica, quartz	14808-60-7	30%	0.0008321%
			Sodium hydroxide	1310-73-2	30%	0.0035348%
Ingredients Listed Below This Line Are Part of the			Water	7732-18-5	0%	0.0802836%
			Oxyalkylated phenolic resin	Confidential	0%	0.0270026%
			Polyacrylamide copolymer	Confidential	0%	0.0197218%
			Borate salts	Confidential	0%	0.0183131%
			Oxyalkylated phenolic resin	Confidential	0%	0.0090009%
			Sodium chloride	7647-14-5	0%	0.0045206%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0.0038453%
			Ammonium chloride	12125-02-9	0%	0.003287%
			Alcohols ethoxylated	Confidential	0%	0.003287%
			Amide	Confidential	0%	0.003287%
			Cured acrylic resin	Confidential	0%	0.0008321%
			Quaternary amine	Confidential	0%	0.0008106%
			Silica gel	112926-00-8	0%	0.0007691%
			Surfactant mixture	Confidential	0%	0.0007691%
			Surfactant mixture	Confidential	0%	0.0007691%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0.0006574%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0.0006574%
			Sodium carboxymethyl cellulose	9004-32-4	0%	0.0003052%
			Acrylate polymer	Confidential	0%	0.0003052%
			Sodium glycolate	2836-32-0	0%	0.0003052%
			Quaternary amine	Confidential	0%	0.0001821%
			Crystalline silica, quartz	14808-60-7	0%	0.0001074%
			Quaternary amine	Confidential	0%	1.62E-05%
			Amine salts	Confidential	0%	1.62E-05%
			Amine salts	Confidential	0%	1.62E-05%
			Sodium sulfate	7757-82-6	0%	1E-07%

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 Cook Title: Regulatory Associate

Date: 4/8/2015

E-mail Address: sara.cook@dvn.com

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.