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. 30-015-42770
2. Well Name: COTTON DRAW UNIT #099
3. Well Number: 099

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location: Unit:B Lot:B Section:36 Township:24S Range:31E; Feet from:330 N/S Line:N; Feet from:2310 E/W Line:E
5. Bottom Hole Location: Unit:B Lot:B Section:36 Township:24S Range:31E; Feet from:330 N/S Line:N; Feet from:2310 E/W Line:E
6. latitude: 32.1801285902246 longitude: -103.730510558088
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: 4/7/2015 Frac Performed by: Halliburton
12. Production Type: O
13. Pool Code(s): 98062
14. Gross Fractured Interval: 10,525 ft to 10,618 ft
15. True Vertical Depth (TVD): 10,529 ft
16. Total Volume of Fluid Pumped: 182,980 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%	87.5403137%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	8.5736322%
SSA-2	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.5228713%
FE-1	Halliburton	Additive	Acetic acid	64-19-7	100%	0.9901004%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.0718198%
OILPERM FM-7	Halliburton	Surfactant	Fatty acids, coco, reaction products with ethanolamine, ethoxylated	61791-08-0	10%	0.0072589%
			Isopropanol	67-63-0	10%	0.0072589%
			Terpenes and Terpenoids, sweet orange-oil	68647-72-3	10%	0.0072589%
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.hydroxy-	61827-42-7	10%	0.0072589%
			Terpene hydrocarbon by-products	68956-56-9	5%	0.0036295%
			Glycerine	56-81-5	5%	0.0036295%
Cla-Web(TM)	Halliburton	Additive	Ammonium salt	Confidential	60%	0.0324731%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.0230517%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.0221858%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.0107117%
			Propargyl alcohol	107-19-7	10%	0.0017853%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium metaborate	13709-94-9	60%	0.0090121%
			Potassium hydroxide	1310-58-3	5%	0.000751%
OptiKleen-WF(TM)	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.0072279%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.0043863%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.0030403%
			Crystalline silica, quartz	14808-60-7	30%	0.0009121%
BE-3S BACTERICIDE	Halliburton	Biocide	2,2 Dibromo-3-nitrilopropionamide	10222-01-2	100%	0.0020651%
			2-Monobromo-3-nitrilopropionamide	1113-55-9	5%	0.0001033%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.0020651%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.0002868%
Ingredients Listed Below This Line Are Part of the			Water	7732-18-5	0%	0.1120036%
			Miscellaneous	NA	0.5%	0.0362946%
			Borate salts	Confidential	0%	0.0230517%
			Polyacrylamide copolymer	Confidential	0%	0.0221858%
			Sodium chloride	7647-14-5	0%	0.0069341%
			Fatty acids, tall oil	Confidential	0%	0.0053559%
			Alcohols, C14-C15, ethoxylated	68951-67-7	0%	0.0053559%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	0%	0.0053559%
			Alcohols ethoxylated	Confidential	0%	0.0036976%
			Amide	Confidential	0%	0.0036976%
			Ammonium chloride	12125-02-9	0%	0.0036976%
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0.003591%
			Quaternary amine	Confidential	0%	0.0027061%
			Cured acrylic resin	Confidential	0%	0.0009121%
			Olefins	Confidential	0%	0.0008926%
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			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0.0007395%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0.0007395%
			Surfactant mixture	Confidential	0%	0.0007182%
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			Silica gel	112926-00-8	0%	0.0007182%
			Quaternary amine	Confidential	0%	0.0005412%
			Sodium carboxymethyl cellulose	9004-32-4	0%	0.0003842%
			Sodium glycollate	2836-32-0	0%	0.0003842%
			Acrylate polymer	Confidential	0%	0.0003842%
			Olefins	Confidential	0%	0.0001785%
			Olefins	Confidential	0%	0.0001785%
			Crystalline silica, quartz	14808-60-7	0%	0.0001102%
			Quaternary amine	Confidential	0%	5.41E-05%
			Amine salts	Confidential	0%	5.41E-05%
			Amine salts	Confidential	0%	5.41E-05%
			Sodium sulfate	7757-82-6	0%	3E-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

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