

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:
30-025-42973

2. Well Name:
FIGHTING OKRA 18 19 FEDERAL #071H

3. Well Number:
071H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:D Lot:1 Section:18 Township:26S Range:34E
Feet from:200 N/S Line:N
Feet from:330 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:1 Section:18 Township:26S Range:34E
Feet from:200 N/S Line:N
Feet from:330 E/W Line:W

6. latitude: 32.0501432 longitude: -103.51647

7. County: Lea

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

9. OGRID: 6137

10. Phone Number: 405-552-6559

11. Last Fracture Date: 2/22/2017 Frac Performed by: FTSI

12. Production Type:
O

13. Pool Code(s):
98094

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
12,769 ft

16. Total Volume of Fluid Pumped:
181,422,336 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%	87.9990879%
AQUCAR 714	FTSI	Biocide	Glutaraldehyde	111-30-3	14%	0.0032033%
			Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1	2.5%	0.000572%
			Ethanol	64-17-5	0.3%	6.86E-05%
CI-150	FTSI	Acid Corrosion Inhibitor	Water	7732-18-5	83%	0.0189908%
			Isopropanol	67-63-0	60%	0.0004773%
			Dimethylformamide	68-12-2	10%	7.95E-05%
			Organic amine resin salt	Proprietary	30%	0.0002386%
			Quaternary ammonium compound	Proprietary	10%	7.95E-05%
			Aromatic aldehyde	Proprietary	30%	0.0002386%
			Ethylene Glycol	107-21-1	30%	0.0002386%
			Methanol	67-56-1	60%	0.0004773%
			Aromatic Ketone compound	Proprietary	30%	0.0002386%
			Aromatic Aldehyde	Proprietary	10%	7.95E-05%
			Ethoxylated Alcohols	Proprietary	10%	7.95E-05%
			Oxyalkylated Alcohol	Proprietary	5%	3.98E-05%
			Acetic Acid	64-19-7	5%	3.98E-05%
			Acetophenone	98-86-2	5%	3.98E-05%
			Oxyalkylated Fatty Amine	Proprietary	5%	3.98E-05%
			Formaldehyde	50-00-0	5%	3.98E-05%
			Fatty amino compound salt	Proprietary	30%	0.0002386%
			Ethoxylated fatty alcohol	Proprietary	30%	0.0002386%
			Water	7732-18-5	30%	0.0002386%
			Fatty Acid	Proprietary	0.1%	8E-07%
			Fatty Acid Salt	Proprietary	0.1%	8E-07%
			Aliphatic alcohol	Proprietary	0.1%	8E-07%
			Alkylene Oxide Block Polymer	Proprietary	10%	7.95E-05%
			Polyalkylene glycol	Proprietary	10%	7.95E-05%
CS POLYBREAK 210W	FTSI	Polymer breaker	Diethylene glycol	111-46-6	1%	8E-06%
			Sodium chloride	7647-14-5	20%	0.0182354%
			Sodium chlorite	7758-19-2	5%	0.0045588%
			Water	7732-18-5	90%	0.0820592%
			Stabilized Aqueous Chlorine Dioxide	10049-04-4	5%	0.0045588%
CS-250 SI	FTSI	Scale Inhibitor	Sodium Hydroxide	1310-73-2	0.5%	0.0004559%
			Ethylene glycol	107-21-1	13%	0.006177%
			Water	7732-18-5	81%	0.0384877%
			Sodium chloride	7647-14-5	10%	0.0047516%
			Sodium Polyacrylate	9003-04-7	10%	0.0047516%
FE-200L	FTSI	Iron Control	Tetrasodium EDTA	64-02-8	41%	0.0004304%
			Sodium Hydroxide	1310-73-2	2%	2.1E-05%
			Trisodium Nitrotriacetic acid	5064-31-3	2%	2.1E-05%
			Ethylenediaminetriacetic acid, trisodium salt	19019-43-3	0.8%	8.4E-06%
			Water	7732-18-5	65%	0.0006823%
			Sodium formate	141-53-7	0.6%	6.3E-06%
			Sodium glycolate	2836-32-0	1.5%	1.57E-05%
			Iminodiacetate disodium salt	17593-73-6	0.2%	2.1E-06%
FRW-920	FTSI	Friction Reducer - Zwitter ionic	Copolymer of 2-Propenamide	69418-26-4	30%	0.0281024%
			Hydrotreated Petroleum Distillate	64742-47-8	25%	0.0234188%
			Alcohol Ethoxylate Surfactants	Trade Secret	2%	0.0018735%
			Oleic Acid Diethanolamide	93-83-4	2%	0.0018735%
			Water	7732-18-5	50%	0.0468373%
			Ammonium Chloride	12125-02-9	1%	0.0009367%
NE-100	FTSI	Non-emulsifier	2-Butoxyethanol	111-76-2	10%	2.91E-05%
			2-Propanol	67-63-0	10%	2.91E-05%
			Dodecylbenzenesulfonic acid	27176-87-0	5%	1.46E-05%
			Water	7732-18-5	90%	0.0002622%
NE-100W	FTSI	Non-emulsifier	Methanol	67-56-1	15%	0.0126945%
			2-Butoxyethanol	111-76-2	10%	0.008463%
			2-Propanol	67-63-0	10%	0.008463%
			Dodecylbenzenesulfonic acid	27176-87-0	5%	0.0042315%
10.1%-15.0% HCL	FTSI	Acid	Water	7732-18-5	80%	0.0677041%
			Hydrogen Chloride	7647-01-0	15%	0.0421052%
100 Mesh Sand	FTSI	proppant	Water	7732-18-5	85%	0.2385962%
40/70 White	FTSI	proppant	Silica, Quartz	14808-60-7	100%	5.514321%
			Silica, Quartz	14808-60-7	100%	5.8638755%

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: Rebecca Deal Title: Regulatory Professional

Date: 3/27/2017

E-mail Address: rebecca.deal@dvn.com

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