

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:
30-025-41961

2. Well Name:
COACHWHIP 26 FEDERAL #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:O Lot:O Section:26 Township:23S Range:33E
Feet from:215 Line:S
Feet from:1500 E/W Line:E

5. Bottom Hole Location:
Unit:O Lot:O Section:26 Township:23S Range:33E
Feet from:215 Line:S
Feet from:1500 E/W Line:E

6. latitude: longitude:
32.2690030956394 -103.539439520863

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: 405-228-8588

11. Last Fracture Date: 3/20/2015 Frac Performed by: FTSI

12. Production Type:
O

13. Pool Code(s):
59900

14. Gross Fractured Interval:
11,220 ft to 15,678 ft

15. True Vertical Depth (TVD):
11,311 ft

16. Total Volume of Fluid Pumped:
4,328,420 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		83.1770614%
100 Mesh Sand	FTSI	Proppant	Silica, Quartz	14808-60-7	100%	2.7772142%
30/60 White	FTSI	Proppant	Silica, Quartz	14808-60-7	100%	10.8178322%
20/40 Super LC	FTSI	Proppant	Crystalline Silica (quartz)	14808-60-7	97%	1.8154004%
			Phenol-Formaldehyde Novolak Resin	9003-35-4	5%	0.0935773%
Hydrochloric Acid (HCl)	FTSI	Acid	Hexamethylenetetramine	100-97-0	1%	0.0187155%
			Hydrogen Chloride	7647-14-5	37%	0.2772284%
B-10	FTSI	High pH buffer	Potassium carbonate	584-08-7	48%	0.0077444%
			Potassium hydroxide	1310-58-3	20%	0.0032268%
BXL-2	FTSI	Borate crosslinker	Water	7732-18-5	55%	0.0088738%
			Potassium metaborate	10559-79-7	25%	0.0038814%
			Boric acid	10043-35-3	15%	0.0053288%
			Potassium hydroxide	1310-58-3	12%	0.0042631%
BXL-3	FTSI	Crosslinker	Water	7732-18-5	75%	0.0266442%
			Crystalline Silica, Quartz	14808-60-7	0.1%	4.52E-05%
			Borate Salt	1319-33-1	40%	0.0180726%
			Potassium Formate	590-29-4	30%	0.0135544%
			Hydrated aluminum-magnesium silicate (palygorskite)	12174-11-7	5%	0.0022591%
APB-1	FTSI	Gel breaker	Sodium Sulfate	7757-82-6	0.1%	4.52E-05%
CI-150	FTSI	Acid Corrosion Inhibitor	Sodium Chloride	7647-14-5	0.1%	4.52E-05%
			Water	7732-18-5	60%	0.0271089%
			Ammonium Persulfate	7727-54-0	100%	0.004954%
			Isopropanol	67-63-0	30%	0.000397%
			Dimethylformamide	68-12-2	10%	0.0001323%
			Organic amine resin salt	Proprietary	30%	0.000397%
			Quaternary ammonium compound	Proprietary	10%	0.0001323%
			Aromatic aldehyde	Proprietary	10%	0.0001323%
			Ethylene Glycol	107-21-1	30%	0.000397%
			Water	7732-18-5	5%	6.62E-05%
			Fatty Acid	Proprietary	0.1%	1.3E-06%
			Fatty Acid Salt	Proprietary	0.1%	1.3E-06%
			Aliphatic alcohol	Proprietary	0.1%	1.3E-06%
			Alkylene Oxide Block Polymer	Proprietary	10%	0.0001323%
CS POLYBREAK 210W	FTSI	Polymer breaker	Diethylene glycol	111-46-6	1%	1.32E-05%
			Sodium Sulfate	7647-14-5	15%	0.0061144%
			Sodium chloride	7732-18-5	5%	0.0020381%
			Water	7732-18-5	80%	0.0326102%
FE-200L	FTSI	Iron Control	Sodium Hydroxide	1310-73-2	0.0007%	3E-07%
			Tetrasodium EDTA	64-02-8	41%	0.0007158%
			Sodium Hydroxide	1310-73-2	2%	3.49E-05%
			Trisodium Nitrotriacetate	5064-31-3	2%	3.49E-05%
			Ethylenediaminetetraacetic acid, trisodium salt	19019-43-3	0.8%	1.4E-05%
			Water	7732-18-5	60%	0.0010476%
			Sodium formate	141-53-7	0.6%	1.05E-05%
			Sodium glycolate	2836-32-0	1.5%	2.62E-05%
			Iminodiacetate disodium salt	17599-79-6	0.2%	3.5E-06%
HVG-1	FTSI	Water Gelling Agent	Guar Gum	90003-30-0	55%	0.1113518%
			Petroleum Distillate	64742-47-8	55%	0.1113518%
			Raffinates (Petroleum), Sorption Process	64741-85-1	50%	0.1012289%
			Clay	14808-60-7	2%	0.0040492%
			Clay	1302-78-9	5%	0.0107228%
			Surfactant	24938-91-8	1%	0.0020246%
			Surfactant	154518-36-2	1%	0.0020246%
			Surfactant	9043-30-5	1%	0.0020246%
KCLS-4	FTSI	Clay Control	Surfactant	Proprietary	2%	0.0040492%
			Water	7732-18-5	20%	0.0265413%
			Choline Chloride	67-48-1	75%	0.0663532%
NE-100W	FTSI	Non-emulsifier	Methanol	67-56-1	15%	0.0120839%
			2-Butoxyethanol	111-76-2	10%	0.0080559%
			2-Propanol	67-63-0	10%	0.0080559%
			Dodecylbenzenesulfonic acid	27176-87-0	5%	0.004029%
			Water	7732-18-5	80%	0.0844474%
			Sulfuric Acid	7664-93-9	0.01%	1.13E-05%
			Sulfur Dioxide	7446-09-5	0%	1.1E-06%
			Benzene, C10-16 Alkyl Derivatives	68648-87-3	0.04%	3.38E-05%
Superset W	FTSI	Resin Coated Proppant Activator	Unsubstituted Matter	Proprietary	0.03%	2.26E-05%
			Methanol	67-56-1	50%	0.0093642%
			Poly(oxyethylene)nonylphenol ether	9016-45-9	50%	0.0093642%
FRW-200	FTSI	Friction reducer	Petroleum distillate	64742-47-8	26%	0.0108368%
			hydroreated light Acrylamide FW acrylic acid, ammonium salt	26100-47-0	25%	0.01042%
			Water	7732-18-5	48%	0.0200064%
			Sorbitan Monooleate	1338-43-8	3%	0.0012504%
			Alcohols (C12-C14), ethoxylated	68439-50-9	4%	0.0016672%
			Alcohols (C12-C16), ethoxylated	68551-12-2	4%	0.0016672%
			Alcohols (C10-C16), ethoxylated	68002-97-1	4%	0.0016672%
			Acrylamide	79-06-1	0.1%	4.17E-05%
			Dewaxed heavy paraffinic	64742-65-0	1.5%	0.0008252%
			Ammonium Acrylate	10604-69-0	0.5%	0.0002084%
			Ammonium Chloride	12125-02-9	12%	0.0050016%
			Polyethylene glycol monooleate	9004-96-0	3%	0.0012504%
			Alkylpolyethyleneoxyethanol	24133-50-6	1%	0.0004168%
			Sorbitol Tetraoleate	61723-83-9	2%	0.0008336%
			Copolymer of acrylamide and sodium acrylate	25987-30-8	33%	0.0137544%
			Surfactant	Proprietary	7%	0.0029176%
			Hydroreated heavy paraffinic	64742-54-7	5%	0.002084%
			Isopropanol	67-63-0	0.3%	0.000125%
ICI-3240	FTSI	Biocide	Dazomet (Tetrahydro-3, 5-dimethyl-2H-1, 3, 5-thiadiazine-2-thione, Sodium Hydroxide	533-74-4	24%	0.0058223%
HTB-1	FTSI	Breaker	Water	1310-73-2	23%	0.005388%
			Ammonium Persulfate	7732-18-5	55%	0.0128844%
LTB-1	FTSI	Breaker	Ammonium Persulfate	7727-54-0	60%	0.000213%
			Cured acrylic resin	Proprietary	25%	8.88E-05%
			Silica, Crystalline-Quartz	14808-60-7	16%	5.68E-05%
			Ammonium Persulfate	7727-54-0	100%	0.0046634%
			Cured acrylic resin	Proprietary	100%	0.0046634%
			Silica, Crystalline- Quartz	14808-60-7	10%	0.0004663%

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: 4/29/2015

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

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