

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:
30-015-40219

2. Well Name:
REGULUS 26 FEDERAL #002H

3. Well Number:
002H

HYDRAULIC FRACTURING FLUID
DISCLOSURE
☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:H Loc:H Section:26 Township:19S Range:31E
Feet from:1700 N/S Line:N
Feet from:340 E/W Line:E

5. Bottom Hole Location:
Unit:H Loc:H Section:26 Township:19S Range:31E
Feet from:1700 N/S Line:N
Feet from:340 E/W Line:E

6. latitude: longitude:
32.6340628705075 -103.832428850862

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: 11/13/2012 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
41480

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
9,155 ft

16. Total Volume of Fluid Pumped:
1,223,820 gals

17. Total Volume of Re-Use Water Pumped:
N/A

18. Percent of Re-Use Water in Fluid Pumped:
Not Disclosed

10. 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		81.9304%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7		11.39715%
Super LC, 20/40	Baker Hughes	Proppant	Silicon Dioxide (Silica Sand)	14808-60-7		3.30536%
GW-4LDF	Baker Hughes	Gelling Agent	PVP Resin	9003-35-4		0.17038%
			Hexamethylenetetramine	100-97-0	0.01%	0.0034%
			Guar Gum	9000-30-0	80%	0.28285%
			Paraffinic Petroleum Distillate	64742-55-8	60%	0.28285%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Petroleum Distillate	64742-47-8	60%	0.28285%
			Water	7732-18-5	92.5%	0.70545%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	75%	0.0572%
			Water	7732-18-5	85%	0.43217%
Sand, White, 100 mesh	Baker Hughes	Proppant	Hydrochloric Acid	7647-01-0	15%	0.07627%
BF-9L, 55 gal drum	Baker Hughes	Buffer	Crystalline Silica (Quartz)	14808-60-7		0.46308%
ClayCare, tote	Baker Hughes	Clay Control	Potassium Carbonate	584-08-7	60%	0.07116%
			Potassium Hydroxide	1310-58-3	30%	0.03558%
XLW-30G, tote	Baker Hughes	Crosslinker	Choline Chloride	67-49-1	75%	0.07495%
			Water	7732-18-5	26%	0.02969%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Borate Suspension	Proprietary	99.8%	0.08799%
			Crystalline Silica Quartz	14808-60-7	0.2%	0.00018%
Enzyme G-1	Baker Hughes	Breaker	Mixture of Surfactants	Proprietary	50%	0.04444%
			Propylene Glycol	57-55-6	30%	0.02666%
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Water	7732-18-5	97%	0.06465%
			Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.002%
XLW-4	Baker Hughes	Crosslinker	Mixture of Surfactants	Proprietary	50%	0.02376%
			Water	7732-18-5	30%	0.01426%
BC-3	Baker Hughes	Breaker Catalyst	Methanol	67-56-1	30%	0.01426%
			Sodium Borate Decahydrate	1303-96-4	30%	0.01393%
High Perm CRB	Baker Hughes	Breaker	No Hazardous Ingredients	Proprietary	100%	0.00795%
Ferrotrol 280L	Baker Hughes	Iron Control	Ammonium Persulphate	7727-54-0	60%	0.00335%
			Crystalline Silica Quartz	14808-60-7	30%	0.00168%
CI-27	Baker Hughes	Corrosion Inhibitor	2-Mercaptoethanol	60-24-2	100%	0.00362%
			Cupric Chloride	7447-39-4	5%	0.00018%
			Ammonium Hydroxide	1336-21-6	5%	0.00018%
			Methanol	67-56-1	80%	0.00117%
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Polyoxyalkylenes	Proprietary	30%	0.00059%
			Fatty Acids	Proprietary	30%	0.00059%
Fio-Back Prime (tote)	Baker Hughes	Surfactant	Propargyl Alcohol	107-19-7	10%	0.0002%
			Olefin	Proprietary	5%	0.0001%
AG-12	Baker Hughes	Gelling Agent	Aliphatic Hydrocarbon	Proprietary	30%	0.00139%
			Oxyalkylated Alcohol	Proprietary	5%	0.00023%
GBW-5	Baker Hughes	Breaker	Essential Oils	Proprietary	30%	0.00068%
			Isopropanol	67-63-0	30%	0.00034%
GBW-33D	Baker Hughes	Breaker	Acrylic Polymers	26006-22-4	50%	0.00044%
			Distillates, Petroleum, Hydrotreated Middle	64742-47-8	21.1%	0.00019%
NE-945, tote	Baker Hughes	Non-emulsifier	Ammonium Phosphate	7727-54-0	100%	0.00053%
			Hemicellulase Enzyme Concentrate	Proprietary	100%	0.00033%
Ingredients shown above are subject to 29 CFR 1910			Oxyalkylated alcohol	Proprietary	5%	6E-05%
			Water	7732-18-5	0%	0.06994%
			Acetyl Triethyl Citrate	77-89-4	0%	0.00795%
			Anionic Terpolymer	Proprietary	0%	0.00278%
			Cured Acrylic Resin	Proprietary	0%	0.00168%
			Surfactants	Proprietary	0%	0.0008%
			Citrus Terpenes	84266-47-4	0%	0.00068%
			Corn Meal	NA	0%	0.00027%
			Polyol Ester	Proprietary	0%	0.00023%
			Inorganic Salt	7647-14-5	0%	0.00023%
			Oxyalkylated Fatty Acid Derivative	Proprietary	0%	0.00023%
			Modified Thiourea	68527-49-1	0%	0.00021%
			Polymer	7647-14-5	0%	0.00019%
			Sodium Chloride	7647-14-5	0%	0.00019%
			Alkylene Oxide Block Polymer	Proprietary	0%	0.00013%
			Organic Polyol	112-27-6	0%	0.00011%
			Alkoxyated Amine	Proprietary	0%	0.00011%
			Unseed Meal	8001-26-1	0%	3E-05%
			Calcium Carbonate	471-34-1	0%	2E-05%
			Polyglycol	25322-68-3	0%	2E-05%
			Fatty Acid Esters	67701-32-0	0%	2E-05%
			Oxyalkylated Alkylphenol	9016-45-9	0%	2E-05%
			Polyquaternary Amine	Proprietary	0%	1E-05%
			Formaldehyde	50-00-0	0%	1E-05%
			Xylene	1330-20-7	0%	1E-05%
			diester of sulfoisuccinic acid sodium salt	2673-22-5	0%	0%
			EDTA	64-02-8	0%	0%
			Organic Sulfonic Acid	27176-87-0	0%	0%
			Fatty Acid Oxyalkylate	70142-34-6	0%	0%
			Mannan Endo-1,4-B-Mannosidase	37288-54-3	0%	0%
			Antifoam	Proprietary	0%	0%
			Calcium Chloride	10043-52-4	0%	0%
			Potassium Sulfate	7778-80-5	0%	0%
			Soy Isoflavone	486-66-8	0%	0%
			Yeast Extract	2232731	0%	0%
			Thiamine-HCl	67-03-8	0%	0%
			Cupric Sulfate 5 H2O, ACS	7758-99-8	0%	0%
			D-Biotin, USP	119616-39-5	0%	0%
			Ferric Chloride, Hexahydrate	7705-08-0	0%	0%
			Polyethylene Glycol	25322-68-3	0%	0%
			Boric Acid	10043-35-3	0%	0%
			Zinc Sulfate Heptahydrate	7446-19-7	0%	0%
			Sodium Molybdate	7631-95-0	0%	0%
			Magnesium Sulfate	7487-88-9	0%	0%
			85% Phosphoric Acid, FG	10361-65-6	0%	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 Printed Name: Sara Cook

Date: 3/6/2015

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

Title: Regulatory Associate

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