

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:
30-015-41619

2. Well Name:
HELIOS 6 FEDERAL COM #003H

3. Well Number:
003H

4. Surface Hole Location:
Unit:P Lot:P Section:6 Township:19S Range:31E
Feet from:195 N/S Line:S
Feet from:270 E/W Line:E

5. Bottom Hole Location:
Unit:P Lot:P Section:6 Township:19S Range:31E
Feet from:195 N/S Line:S
Feet from:270 E/W Line:E

6. latitude:
32.6827450659277 longitude:
-103.901075933813

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:
8/19/2014 Frac Performed by:
SLB

12. Production Type:
O

13. Pool Code(s):
97056

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
7,766 ft

16. Total Volume of Fluid Pumped:
1,837,274 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)
HCL15, Slickwater, YF120FlexD, YF125FlexD	Schlumberger	Acid Corrosion Inhibitor A286, Activator, Bactericide (Green-Cide 25G), Friction Reducer, Demulsifi	Water (Including Mix Water Supplied by Client)*	NA	0%	84.6714%
			Crystalline silica	14808-60-7	97.41001%	14.93159%
			Guar gum	9000-30-0	0.71332%	0.10934%
			Phenolic resin	9003-35-4	0.64414%	0.09874%
			Ethylene Glycol	107-21-1	0.21691%	0.03325%
			Propan-2-ol	67-63-0	0.20614%	0.0316%
			Diammonium peroxidisulphate	7727-54-0	0.15639%	0.02397%
			Alcohol, C7-9-iso, C8, ethoxylated	78330-19-5	0.1443%	0.02212%
			Sodium hydroxide	1310-73-2	0.06039%	0.00926%
			Acrylamide sodium acrylate copolymer	25085-02-3	0.04794%	0.00735%
			Glutaraldehyde	111-30-8	0.04603%	0.00706%
			Distillates (petroleum), hydrotreated light	64742-47-8	0.04165%	0.00639%
			Gum, xanthan	11138-66-2	0.03098%	0.00475%
			Polyethylene glycol monoethyl ether	31726-34-8	0.02994%	0.00459%
			Sodium erythorbate	6381-77-7	0.02162%	0.00331%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.02102%	0.00322%
			Sodium tetraborate	1330-43-4	0.01983%	0.00304%
			1, 2, 3 - Propanetriol	56-81-5	0.01208%	0.00185%
			Polyethylenimin, polymer with ethylene oxide and propylene oxide	52501-07-2	0.00607%	0.00093%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00516%	0.00079%
			Crosslinked PO/EO-block polymer	68123-18-2	0.00485%	0.00074%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00431%	0.00066%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.0029%	0.00044%
			Alkylalcohol, ethoxylate >C10	68002-97-1	0.00255%	0.00039%
			Methyl oxirane polymer with oxirane	Ge0eral	0.0024%	0.00037%
			Sorbitan monooleate	1338-43-8	0.00204%	0.00031%
			Cinnamaldehyde	104-55-2	0.00189%	0.00029%
			Non-crystalline silica (impurity)	7631-86-9	0.00179%	0.00027%
			Thiocyanic acid, ammonium salt	1762-95-4	0.00126%	0.00019%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00125%	0.00019%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0.00121%	0.00019%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.00121%	0.00019%
			Poly(oxyethylene) sorbitol monostearate	9005-67-8	0.00119%	0.00018%
			Magnesium silicate hydrate (taic)	14807-96-6	0.00064%	0.0001%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.00055%	8E-05%
			poly(tetrafluoroethylene)	9002-84-0	0.00027%	4E-05%
			Dodecyl poly(oxyethylene) ether	9002-92-0	0.00023%	4E-05%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	0.00017%	3E-05%
			Ethanol	64-17-5	7E-05%	1E-05%
			Potassium oleate	143-18-0	2E-05%	1E-05%
			Tetrasodium ethylenediaminetetraacetate	Ge0eral	2E-05%	1E-05%
			Oleic acid	112-80-1	1E-05%	1E-05%
			Acetic acid, potassium salt	Ge0eral	1E-05%	1E-05%
			Acetic acid	64-19-7	1E-05%	1E-05%
			Propylene oxide	75-56-9	1E-05%	1E-05%
			Oxirane	75-21-8	1E-05%	1E-05%
			1,4-Dioxane	123-91-1	1E-05%	1E-05%

† Proprietary Technology

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:
Ronnie Slack

Title:
Production Technologist

Date:
10/9/2014

E-mail Address:
ronnie.slack@dm.com

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