

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 APN/O: 30-015-42316

2. Well Name: HELIOS 6 FEDERAL COM #004H

3. Well Number: 004H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location: Unit:O Lat:O Section:6 Township:19S Range:31E Feet from:25 N/S Line:S E/W Line:E Feet from:1800

5. Bottom Hole Location: Unit:O Lat:O Section:6 Township:19S Range:31E Feet from:25 N/S Line:S E/W Line:E Feet from:1800

6. latitude: 32.6822596259677 longitude: -103.906071230755

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: 1/15/2015 Frac Performed by: Baker Hughes

12. Production Type: Confidential

13. Pool Code(s): 97056

14. Gross Fractured Interval: 5,271,064 gals

15. True Vertical Depth (TVD): 7,893 ft

16. Total Volume of Fluid Pumped: 5,271,064 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		85.78625%
Sand, White, 30/50	Baker Hughes	Proppant	MSDS/Non-MSDS Ingredients Listed Below	NA		9.03695%
Super LC, 20/40	Baker Hughes	Proppant	MSDS/Non-MSDS Ingredients Listed Below	NA		3.75516%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	MSDS/Non-MSDS Ingredients Listed Below	NA		0.86085%
INFLO 72	Baker Hughes	Surface Tension Reducer	MSDS/Non-MSDS Ingredients Listed Below	NA		0.07425%
GW-4	Baker Hughes	Gelling Agent	MSDS/Non-MSDS Ingredients Listed Below	NA		0.06391%
Clay/Care, tote	Baker Hughes	Clay Control	MSDS/Non-MSDS Ingredients Listed Below	NA		0.04935%
BF-9L, 300 gal tote	Baker Hughes	Buffer	MSDS/Non-MSDS Ingredients Listed Below	NA		0.04698%
XLW-4	Baker Hughes	Crosslinker	MSDS/Non-MSDS Ingredients Listed Below	NA		0.04545%
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	MSDS/Non-MSDS Ingredients Listed Below	NA		0.0474%
XLW-30G, tote	Baker Hughes	Crosslinker	MSDS/Non-MSDS Ingredients Listed Below	NA		0.02846%
Parasorb 5000, bag	Baker Hughes	Paraffin Inhibitor	MSDS/Non-MSDS Ingredients Listed Below	NA		0.01574%
Superset-W, 55 gal drum	Baker Hughes	Activator	MSDS/Non-MSDS Ingredients Listed Below	NA		0.01327%
Enzyme G-I	Baker Hughes	Breaker	MSDS/Non-MSDS Ingredients Listed Below	NA		0.00815%
GBW-5	Baker Hughes	Breaker	MSDS/Non-MSDS Ingredients Listed Below	NA		0.00535%
Ferrotrol 280L	Baker Hughes	Iron Control	MSDS/Non-MSDS Ingredients Listed Below	NA		0.00259%
High Perm CRB	Baker Hughes	Breaker	MSDS/Non-MSDS Ingredients Listed Below	NA		0.00156%
CI-27	Baker Hughes	Corrosion Inhibitor	MSDS/Non-MSDS Ingredients Listed Below	NA		0.00139%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	MSDS/Non-MSDS Ingredients Listed Below	NA		0.0008%
AG-12	Baker Hughes	Gelling Agent	MSDS/Non-MSDS Ingredients Listed Below	NA		0.00082%
Clay Master-5C	Baker Hughes	Clay Control	MSDS/Non-MSDS Ingredients Listed Below	NA		0.00046%
GW-4LDF	Baker Hughes	Gelling Agent	MSDS/Non-MSDS Ingredients Listed Below	NA		4E-05%
Ingredients shown above are subject to 29 CFR 1910						
Crystalline Silica (Quartz)						
Silicon Dioxide (Silica Sand)						
Water						
P/F Resin						
Hydrochloric Acid						
Guar Gum						
Choline Chloride						
Potassium Carbonate						
Isopropanol						
Polyethers						
1-Propanesulfonic acid, methyl-2-((1-(oxo-2-(propan-2-ylamino)-, polymer with 2-propanamide, sodium salt						
Potassium Hydroxide						
Sodium Tetraaborate						
Ulexite Mineral						
Glycerin						
Organic Polyol						
Diatomaceous Earth, Calcined (kieselguhr)						
Hydrotreated Light Distillate						
Potassium Formate						
Methanol						
Nonionic Alkoxylate						
Ammonium Persulfate						
Poly (oxyethylene) Nonylphenol Ether						
Orange Terpene						
Surfactant						
2-Mercaptoethanol						
Mineral Oil						
Acetic acid ethenyl ester, polymer with ethane						
Sodium Chloride						
Polyoxyethylene sorbitan monooctate						
Oxalkylated alcohol						
Sorbitan, mono-(62)-9-octadecenoate						
Diatomaceous Earth, Calcined (kieselguhr)						
Clay						
Cellulose						
Fatty Acids						
Polyoxyalkylenes						
Thiourea Polymer						
Vinylidene Chloride-Methyl Acrylate Polymer						
Hexamethylenetetramine						
Acrylic Polymers						
Acrylamide-acrylic acid copolymer, sulfomethylated						
Crystalline Silica Quartz						
Sodium bisulfate						
Sodium formaldehyde bisulfate						
Sodium chloride						
Sodium glycolate						
Oxalkylated Amine Quat						
Hemicellulase Enzyme Concentrate						
Nonionic glycol ester						
Crystalline Silica (Cristobalite)						
Propargyl Alcohol						
Ammonium Hydroxide						
Cupric Chloride						
Propylene Glycol						
Olefin						
Oxalkylated Alkylphenol						
Sodium octylimodipropionate						
Benzenesulfonic acid, heptadecyl (sulfofenoxyl)-, disodium salt						
Hydrated Magnesium Silicate						
Fatty Acid Esters						
Paraffinic Petroleum Distillate						
Sodium laurimodipropionate						
Poly (tetrafluoroethylene)						
Xylene						
diester of sulfosuccinic acid sodium salt						
Fatty Acid Oxalkylate						
Formaldehyde						
Magnesium chloride						
2-Chloro-2-methyl-3(2H)-isothiazolone						
Magnesium nitrate						
2-methyl-4-isothiazolin-3-one						

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: 3/2/2015

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

NMOCDO does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDO does not require the reporting or disclosure of proprietary, trade secret or confidential business information.