

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

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒Original
☐Amendment

4. Surface Hole Location:
Unit:B Lot:2 Section:4 Township:25S Range:28E
Feet from:207 N/S Line:N
Feet from:1980 E/W Line:E

5. Bottom Hole Location:
Unit:B Lot:2 Section:4 Township:25S Range:28E
Feet from:207 N/S Line:N
Feet from:1980 E/W Line:E

6. latitude: 32.1659759131524 longitude: -104.090205958431

7. County: Eddy

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

9. OGR/D: 6137 10. Phone Number: 405-228-8588

11. Last Fracture Date: 8/14/2014 Frac Performed by: SLB

12. Production Type:
O

13. Pool Code(s):
64450

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
8,111 ft

16. Total Volume of Fluid Pumped:
8,896,848 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)
15% HCl, YF120, YF125, Slickwater	Schlumberger	Acid Corrosion Inhibitor A286, Activator, Bactericide (Mycicide GA25), Friction Reducer, Surfactant	Water (Including Mix Water Supplied by Client)* Crystalline silica Hydrochloric acid Phenolic resin Guar gum Ethylene Glycol Propan-2-ol Alcohol, C7-9-iso, C8, ethoxylated Diammonium peroxodisulphate Methanol Distillates (petroleum), hydrotreated light Glutaraldehyde Sodium hydroxide Polyethylene glycol monohexyl ether Acrylamide/ammonium acrylate copolymer Gum, xanthan Ammonium chloride Sodium tetraborate Vinylidene chloride/methylacrylate copolymer Methyl oxirane polymer with oxirane Ethoxylated propoxylated 4-nonylphenol-formaldehyde resin Alcohol, C9-11-iso, C10, ethoxylated Quaternary ammonium compounds chlorides derivatives Alcohol, C11-14, ethoxylated Acrylamide, 2-acrylamido-2- methylpropanesulfonic acid, sodium salt polymer Sodium erythorbate Sorbitan monooleate Ethoxylated oleic acid Poly(oxy-1,2-ethanediyl),a-hydro- hydroxy- Ethane-1,2-diol, ethoxylated Sodium chloride Benzylaurilydimethylammonium chloride Heavy aromatic naphtha Alcohols, C12-C16, ethoxylated Ammonium, diallyldimethyl-, chloride, polymers Dicoco dimethyl quaternary ammonium chloride Fatty acid, tall-oil reaction products with acetophenone Sorbitol Tetraoleate Sodium sulfoacyanate Non-crystalline silica (impurity) 2-Propenoic acid, ammonium salt Alcohols, C10-C16, ethoxylated Isodecanol w/6-7 Moles Ethylene Oxide Dimethylbenzylmristylammonium chloride Alcohols, C12-C14, ethoxylated C14 alpha olefin ethoxylate Alcohols, C9-11-iso-, C10-rich Cinnamaldehyde Magnesium silicate hydrate (taic) Sorbitan, (Z)-9-octadecenoate (2-3) Naphthalene (impurity) Sorbitan monooleate, ethoxylated 2-propanamid Potassium oleate poly(tetrafluoroethylene) 1,2,4 Trimethylbenzene (impurity) Benzylidimethylammonium chloride Amines, tallow alkyl, ethoxylated Acetic acid, potassium salt Dodecyl poly(oxyethylene) ether Glycols, polyethylene, monotetradecyl ether Tetrasodium ethylenediaminetetraacetate Acetic acid	NA 14808-60-7 7647-01-0 9003-35-4 9000-30-0 107-21-1 67-63-0 78330-19-5 7727-54-0 67-56-1 64742-47-8 111-30-8 1310-73-2 31726-34-8 26100-47-0 11138-86-2 12125-02-9 1330-43-4 25038-72-6 Ge0eral 30846-35-6 78330-20-8 68989-00-4 78330-21-9 38193-60-1 6381-77-7 1338-43-8 9004-96-0 25322-68-3 7647-14-5 Ge0eral 64742-94-5 68551-12-2 26062-79-3 61789-77-3 68188-40-9 61723-83-9 540-72-7 7631-86-9 10604-69-0 68002-97-1 26183-52-8 Ge0eral 68439-50-9 84133-50-6 68526-85-2 104-55-2 14807-96-6 8007-43-0 91-20-3 9005-65-6 Ge0eral 143-18-0 9002-84-0 95-63-6 122-18-9 61791-26-2 Ge0eral 9002-92-0 27306-79-2 Ge0eral 64-19-7	0% 96.97417% 0.90675% 0.48188% 0.48522% 0.18478% 0.13485% 0.13059% 0.11619% 0.08762% 0.05414% 0.04875% 0.04572% 0.03898% 0.03711% 0.02639% 0.02319% 0.01899% 0.01566% 0.01564% 0.01158% 0.00998% 0.00771% 0.0075% 0.00502% 0.00555% 0.00464% 0.00464% 0.0034% 0.00264% 0.00239% 0.0025% 0.00198% 0.00176% 0.00162% 0.00154% 0.00139% 0.00121% 0.00117% 0.00114% 0.00093% 0.00086% 0.00082% 0.0007% 0.0007% 0.00056% 0.00056% 0.0002% 0.0002% 0.00017% 0.00017% 0.00016% 0.00014% 7E-05% 5E-05% 1E-05% 1E-05%	86.4708% 13.11983% 0.12268% 0.06519% 0.06294% 0.025% 0.01824% 0.01767% 0.01572% 0.01185% 0.00732% 0.0066% 0.00619% 0.00527% 0.00502% 0.00357% 0.00314% 0.00229% 0.00212% 0.00212% 0.00157% 0.00135% 0.00104% 0.00102% 0.00081% 0.00075% 0.00063% 0.00063% 0.00046% 0.00036% 0.00032% 0.0003% 0.00027% 0.00024% 0.00022% 0.00021% 0.00019% 0.00016% 0.00015% 0.00015% 0.00013% 0.00012% 0.00011% 9E-05% 9E-05% 8E-05% 8E-05% 6E-05% 6E-05% 4E-05% 3E-05% 3E-05% 3E-05% 2E-05% 2E-05% 2E-05% 2E-05% 1E-05% 1E-05% 1E-05%

† Proprietary Technology

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@dvn.com

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