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.
30-015-41560

2. Well Name:
SARGAS 28 FEDERAL COM #004H

3. Well Number:
004H

## HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:I Lot:I Section:29 Township:18S Range:31E
Feet from:1425 N/S Line:S
Feet from:342 E/W Line:E

5. Bottom Hole Location:
Unit:I Lot:I Section:29 Township:18S Range:31E
Feet from:1425 N/S Line:S
Feet from:342 E/W Line:E

6. latitude: 32.7151597271993 longitude: -103.884209963394

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: 3/22/2014 Frac Performed by: Schlumberger

12. Production Type:
O

13. Pool Code(s):
56400

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
8,782 ft

16. Total Volume of Fluid Pumped:
2,813,202 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, YF125, Slickwater | Schlumberger | Corrosion Inhibitor, Activator, Bactericide, Friction Reducer, Surfactant, Acid, Breaker, etc. | Water (Including Mix Water Supplied by Client)* | NA | 0% | 85.14383% |
| | | | Crystalline silica | 14808-60-7 | 85.64814% | 12.72404% |
| | | | Ceramic materials and wares, chemicals | 66402-68-4 | 11.70155% | 1.7384% |
| | | | Hydrochloric acid | 7647-01-0 | 0.82179% | 0.12209% |
| | | | Guar gum | 9000-30-0 | 0.67181% | 0.09981% |
| | | | Ethylene Glycol | 107-21-1 | 0.291% | 0.04323% |
| | | | Diammonium peroxidisulphate | 7727-54-0 | 0.12984% | 0.01929% |
| | | | 2-hydroxy-N,N,N-trimethylethanaminium chloride | 67-48-1 | 0.12007% | 0.01784% |
| | | | Glutaraldehyde | 111-30-8 | 0.07165% | 0.01064% |
| | | | Polyethylene glycol monohexyl ether | 31726-34-8 | 0.06681% | 0.00993% |
| | | | Distillates (petroleum), hydrotreated light | 64742-47-8 | 0.05644% | 0.00838% |
| | | | Acrylamide/ammonium acrylate copolymer | 26100-47-0 | 0.043% | 0.00639% |
| | | | Sodium hydroxide | 1310-73-2 | 0.04223% | 0.00627% |
| | | | Gum, xanthan | 11138-66-2 | 0.04156% | 0.00617% |
| | | | Ammonium chloride | 12125-02-9 | 0.02687% | 0.00399% |
| | | | Sodium tetraborate | 1330-43-4 | 0.02661% | 0.00395% |
| | | | Propan-2-ol | 67-63-0 | 0.01667% | 0.00248% |
| | | | Alcohol, C7-9-iso, C8, ethoxylated | 78330-19-5 | 0.01314% | 0.00195% |
| | | | Vinylidene chloride/methylacrylate copolymer | 25038-72-6 | 0.01158% | 0.00172% |
| | | | Sorbitan monooleate | 1338-43-8 | 0.00537% | 0.0008% |
| | | | Ethoxylated oleic acid | 9004-96-0 | 0.00537% | 0.0008% |
| | | | Dicoco dimethyl quaternary ammonium chloride | 61789-77-3 | 0.00278% | 0.00041% |
| | | | Non-crystalline silica (impurity) | 7631-86-9 | 0.00168% | 0.00025% |
| | | | Sorbitol Tetraoleate | 61723-83-9 | 0.00161% | 0.00024% |
| | | | Alcohols, C12-C16, ethoxylated | 68551-12-2 | 0.00142% | 0.00021% |
| | | | Sodium sulfocyanate | 540-72-7 | 0.0014% | 0.00021% |
| | | | 2-Propenoic acid, ammonium salt | 10604-69-0 | 0.00132% | 0.0002% |
| | | | Alcohols, C10-C16, ethoxylated | 68002-97-1 | 0.00107% | 0.00016% |
| | | | Alcohols, C12-C14, ethoxylated | 68439-50-9 | 0.00081% | 0.00012% |
| | | | C14 alpha olefin ethoxylate | 84133-50-6 | 0.00081% | 0.00012% |
| | | | Fatty acid, tall-oil reaction products with acetophenone | 68188-40-9 | 0.00073% | 0.00011% |
| | | | Isodecanol w/6-7 Moles Ethylene Oxide | 26183-52-8 | 0.00041% | 6E-05% |
| | | | Magnesium silicate hydrate (talc) | 14807-96-6 | 0.00035% | 5E-05% |
| | | | 2-propenamid | 79-06-1 | 0.00024% | 4E-05% |
| | | | Cinnamaldehyde | 104-55-2 | 0.00027% | 4E-05% |
| | | | poly(tetrafluoroethylene) | 9002-84-0 | 0.00015% | 2E-05% |
| | | | Amines, tallow alkyl, ethoxylated | 61791-26-2 | 8E-05% | 1E-05% |
| | | | Dodecyl poly(oxyethylene) ether | 9002-92-0 | 3E-05% | 0% |
| | | | Glycols, polyethylene, monotetradecyl ether | 27306-79-2 | 2E-05% | 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 Title: Regulatory Associate

Date: 3/4/2015

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

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