| Submit within 45 days of well completion State of New Mexico | | | | | | Revised November 6, 2013 | | | | | | | | | | | |
|--|-----------------|----------------------------|---|--------------------------------------|------------------|--------------------------------|---------------------------------|--|--------------|--------|-----------|--|--|--|---|-------|--|
| State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 | | | | | | 1. WELL API NO. | | | | | | | | | | | |
| | | | | | | | | | HYDRAULIC FR | RACTUR | ING FLUID | | | | 4. Surface Hole | | wnship:25S Range:31E |
| | | | | | | | | | DISCLOSURE | | | | | | Feet from:20 |) N/S | S Line:S |
| | | | | | | | | | ⊠ Original | | | | | | 5. Bottom Hole | | W Line:E |
| | | | | | | | | | □ Amendment | | | | | | Unit:P Lot: Feet from:200 Feet from:100 |) N/s | wnship:25S Range:31E S Line:S W Line:E |
| | | | | | | 6. latitude: 32 | 1526253178727 | longitude: - | | | | | | | | | |
| | | | | | | 7. County: | 45 | 103.743582545025 | | | | | | | | | |
| | | | | | | Edd | ny . | | | | | | | | | | |
| 8. Operator Name and Address: DEVON ENERGY 333 W. Sheridan A | venue | ON COMPANY, LP | | | 9. OGRID: | 6137 | 10. Phone Number | : 405-228-8588 | | | | | | | | | |
| Oklahoma City 73: 11. Last Fracture Date: 12/1 | | Performed by: HES | | | 12. Production | 1 Type: | | | | | | | | | | | |
| 13. Pool Code(s): | | CONT. A CONTRACTOR SERVICE | | O 14. Gross Fracture | | tured Interval: | | | | | | | | | | | |
| 96641 | | | | | | Confidential | | | | | | | | | | | |
| True Vertical Depth (TVD): 10,320 ft | | 3,7 | otal Volume of Fluid Pumped: 3,748,820 gals | | | | | | | | | | | | | | |
| 17. Total Volume of Re-Use Wa N/A | ter Pumped: | | | | | Re-Use Water in t Disclosed | n Fluid Pumped: | | | | | | | | | | |
| | COMPOS | ITION AND CONCENTR | ATION: | | 140 | Disclosed | | | | | | | | | | | |
| Trade Name | Supplier | Purpose | Ingredients | (CAS #) Cher Service # | mical Abstract | Maximum Inc | gredient n in Additive (% by | Maximum Ingredient Concentration in HF Fluid (% | | | | | | | | | |
| Produced Water | Operator | Base Fluid | Water | 7732-18-5 | | mass) | 100% | by mass) 92.43296% | | | | | | | | | |
| HYDROCHLORIC ACID 10- | | | Hydrochloric acid | 7647-01-0 | | | 30% | 0.3517% | | | | | | | | | |
| 30% 100 MESH | Halliburton | Proppant | Crystalline silica, quartz | 14808-60-7 | | 100% | | 2.57323% | | | | | | | | | |
| PREMIUM WHITE - 40/70 | Halliburton | Proppant | Crystalline silica, quartz | 14808-60-7 | | 100% | | 2.61381% | | | | | | | | | |
| CRC-40/70 | Halliburton | Proppant | Crystalline silica, quartz Hexamethylenetetramine | 14808-60-7 | 7 | \$. | 100% 2% | 1.04336% | | | | | | | | | |
| | | | Phenol / formaldehyde | 9003-35-4 | | | 5% | 0.05217% | | | | | | | | | |
| ALDACIDE® G | Halliburton | Biocide | resin Glutaraldehyde | 111-30-8 | | 30% | | 0.01368% | | | | | | | | | |
| ANTIMICROBIAL Cla-Web™ | Halliburton | Additive | Ammonium salt | Confidential Business | | | 60% | 0.02589% | | | | | | | | | |
| | Limited process | William States | | Information | | | | | | | | | | | | | |
| FDP-S1078-12 | Halliburton | Friction Reducer | Hydrotreated light petroleum distillate | 64742-47-8 | | | 30% | 0.00028% | | | | | | | | | |
| | | | Alcohols,C12-16, | 68551-12-2 | 2 | | 10% | 9E-05% | | | | | | | | | |
| | | | ethoxylated Ammonium chloride | 12125-02-9 | 9 | | 10% | 9E-05% | | | | | | | | | |
| | | | 9-Octadecenamide, n, n- bis-(hydroxy-ethyl)-,(Z) | 93-83-4 | | | 5% | 5E-05% | | | | | | | | | |
| SUPERSET W | Halliburton | Activator | Methanol | 67-56-1 | | | 60% | 0.00849% | | | | | | | | | |
| | | | Ethoxylated nonylphenol | Confidential Business Information | | | 60% | 0.00849% | | | | | | | | | |
| OILPERM FM-7 | Halliburton | Surfactant | Terpenes and | 68647-72-3 | | | 10% | 0.00013% | | | | | | | | | |
| | | | Terpenoids, sweet orange | | | | | | | | | | | | | | |
| | | | Terpene hydrocarbon by- products | 68956-56-9 | 9 | | 5% | 7E-05% | | | | | | | | | |
| | | | Isopropanol | 67-63-0 | | | 10% | 0.00013% | | | | | | | | | |
| | | | Fatty acids, coco, reaction products with | 61791-08-0 |) | | 10% | 0.00013% | | | | | | | | | |
| | | | ethanolamine, | | | | | | | | | | | | | | |
| | | | ethoxylated Glycerine | 56-81-5 | | | 5% | 7E-05% | | | | | | | | | |
| | | | Poly(oxy-1,2-ethanediyl), | 61827-42-7 | 7 | | 10% | 0.00013% | | | | | | | | | |
| | FAUTHOUS. | | .alphaisodecylomega. -hydroxy- | | | | | 11/10/2011 | | | | | | | | | |
| FR-66 | Halliburton | Friction Reducer | Hydrotreated light petroleum distillate | 64742-47-8 | 3 | | 30% | 0.00084% | | | | | | | | | |
| MC S-2510T | Multi-Chem | Scale Inhibitor | Ethylene Glycol | 107-21-1 | | 60% | | 0.02734% | | | | | | | | | |
| LCA-1 | Halliburton | Solvent | Paraffinic solvent | Confidentia Information | al Business | | 100% | 0.00388% | | | | | | | | | |
| OptiKleen-WF™ | Halliburton | Concentrate | Sodium perborate | 10486-00-7 | | | 100% | 0.00917% | | | | | | | | | |
| Ingredients Listed Below | | | tetrahydrate Alcohols, C12-16, | 68551-12-2 | 2 | 100 | 0% | 0% | | | | | | | | | |
| This Line Are Part of the | | | ethoxylated Amine salts | Confidentia | al Business | | 0% | 0% | | | | | | | | | |
| | | | | Information | | | 2000,00 | × 50 | | | | | | | | | |
| | | | Amine salts | Confidentia Information | al Business I | | 0% | 0% | | | | | | | | | |
| | | | Ammonium chloride | 12125-02-9 | 9 | | 0% | 0% | | | | | | | | | |
| | | | Fatty acid tall oil amide | Confidentia Information | al Business I | | 0% | 0% | | | | | | | | | |
| | | | Methanol Neutralized | 67-56-1 Proprietary | | | 0% 0% | 0% 0% | | | | | | | | | |
| | | | Polycarboxylic Acid | is /s | | | | | | | | | | | | | |
| | | | Polyacrylamide copolymer | Confidentia Information | al Business | | 0% | 0% | | | | | | | | | |
| | | | Quaternary amine | Confidentia | al Business | | 0% | 0% | | | | | | | | | |
| | | | Quaternary amine | Information Confidentia | al Business | 1 | 0% | 0% | | | | | | | | | |
| | | | Quaternary amine | Information | al Business | | 0% | 0% | | | | | | | | | |
| | | | additionary arrille | Information | | | 078 | 0% | | | | | | | | | |

E-mail Address: derek.berg@dvn.com

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

Sodium chloride
Sorbitan monooleate
polyoxyethylene
derivative
Sorbitan, mono-9octadecenoate, (Z)
Water

Water

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.

Signed Electronically Printed Name: Derek Berg

Signature:

4/24/2014

Date:

7647-14-5 9005-65-6

1338-43-8

7732-18-5

0% 0%

0%

0%

Title: Engineering Technician

0%

0%

0% 0%

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0%