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.
30-025-40592

2. Well Name:
SC FEDERAL #001

3. Well Number:
001

## HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:I Lot:I Section:22 Township:17S Range:32E
Feet from:2345 N/S Line:S
Feet from:225 E/W Line:E

5. Bottom Hole Location:
Unit:I Lot:I Section:22 Township:17S Range:32E
Feet from:2345 N/S Line:S
Feet from:225 E/W Line:E

6. latitude: 32.8192233211443 longitude: -103.746442858967

7. County:
Lea

8. Operator Name and Address:
CONOCOPHILLIPS COMPANY
3401 E. 30th Street
Farmington 87402

9. OGRID: 217817

10. Phone Number: 505-326-9518

11. Last Fracture Date: 5/19/2014 Frac Performed by: Cudd Services Energy

12. Production Type:
O

13. Pool Code(s):
44500

14. Gross Fractured Interval:
5,624 ft to 6,840 ft

15. True Vertical Depth (TVD):
7,118 ft

16. Total Volume of Fluid Pumped:
396,195 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 | | Carrier / Base Fluid | | 7732-18-5 | 100% | 82.69572% |
| Sand | | Proppant | Silicon Dioxide | 14808-60-7 | 100% | 10.79905% |
| Super DC/LC TLC/THS Opti RCS | Santrol | Proppant | Silicon Dioxide | 14808-60-7 | 97% | 2.12622% |
| | | | P/F Novolak Resin | 9003-35-4 | 5% | 0.1096% |
| | | | Hexamethylenetetramine | 1009-7-0 | 1% | 0.02192% |
| B-24 | Weatherfork | Biocide | 2,2 Dibromo-3-Nitrilopropionamide | 10222-01-2 | 100% | 0.0005% |
| B-115 | Reef | Liquid Biocide | Gluteraldehyde | 111-30-8 | 15% | 0.00701% |
| | | | Methanol(Proprietary) | 67-56-1 | 85% | 0.03975% |
| | | | Water(Proprietary) | 7732-18-5 | 85% | 0.03975% |
| 15% Hydrochloric Acid | Reagent | Scale Dissolver | 37% Hydrochloric Acid | 7647-01-0 | 15% | 0.52163% |
| | | | Water | 7732-18-5 | 85% | 2.95592% |
| I-112 | Chemplex,L.C. | Acid Corrosion Inhibitor | Methanol | 67-56-1 | 50% | 0.00134% |
| | | | Propargyl Alcohol | 107-19-7 | 4% | 0.00011% |
| SG-15G | PfP Technology | Polymer | Guar Gum | 9000-30-0 | 50% | 0.2506% |
| | | | Petroleum Distillate (Mineral Oil) | 64742-47-8 | 55% | 0.27566% |
| | | | Bentonite Clay | 14808-60-7 | 2% | 0.01002% |
| | | | Surfactant | 68439-51-0 | 2% | 0.01002% |
| XL-335 | ASK | Crosslinker | Ethylene Glycol | 107-21-1 | 25% | 0.02054% |
| | | | Potassium Hydroxide | 1310-58-3 | 25% | 0.02054% |
| | | | Proprietary | Proprietary | 25% | 0.02054% |
| | | | Proprietary | Proprietary | 15% | 0.01233% |
| | | | Proprietary | Proprietary | 10% | 0.00822% |
| GB-2 | Fritz Industries, Inc. | Breaker | Ammonium Persulfate | 7727-54-0 | 100% | 0.0015% |
| GB-150 | Chemplex, L.C. | Breaker | Non-hazardous ingredients | NA | 100% | 0.07095% |
| EGB-16LT | Fritz Industries, Inc. | Breaker | Ammonium Persulfate | 7727-54-0 | 99.9% | 0.00814% |
| | | | Silica, Crystalline-Quartz | 14808-60-7 | 10% | 0.00081% |
| NE-212 | Chemplex, L.C. | Non-emulsifier | Isopropanol | 67-63-0 | 5% | 0.00014% |
| | | | Methanol | 67-56-1 | 50% | 0.0014% |
| | | | Alkyl Quanternary Ammonium Chlorides | Mixture | 25% | 0.0007% |
| | | | Diethanolamine | 111422 | 0.9% | 3E-05% |
| | | | 1,3-propanediol, 2-amino-2(hm)-polymer | Trade Secret | 8% | 0.00022% |
| | | | 2-Butoxy-1-ethanol | 111-76-2 | 7% | 0.0002% |
| | | | Cocamide Diethanolamine Salt | 68603-42-9 | 2% | 6E-05% |
| NE-227 | CESI | Non-emulsifier | Isopropanol | 67-63-0 | 15% | 0.01139% |
| | | | Methanol | 67-56-1 | 15% | 0.01139% |
| | | | Ethoxylated Nonylphenol | 9016-45-9 | 20% | 0.01518% |
| FE-4 | Chemplex, L.C. | Iron Control Additive | Citric Acid Anhydrous | 77-92-9 | 55% | 0.01053% |
| | | | Water | 7732-18-5 | 55% | 0.01053% |
| Superset W | Santrol | Resin Activator | Methanol | 67-56-1 | 50% | 0.01197% |
| | | | Poly(oxyethylene) nonyphenol ether | 9016-45-9 | 54% | 0.01292% |

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: Ashley Martin Title: Staff Regulatory Technician

Date: 6/13/2014

E-mail Address: Ashley.Martin@conocophillips.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.