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. 30-015-42953
2. Well Name: STONEWALL 9 FEE #008H
3. Well Number: 008H

## HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location: Unit:P Lot:P Section:9 Township:19S Range:26E; Feet from:156 N/S Line:S; Feet from:425 E/W Line:E
5. Bottom Hole Location: Unit:A Lot:A Section:9 Township:19S Range:26E; Feet from:353 N/S Line:N; Feet from:365 E/W Line:E
6. latitude: 32.668313655 longitude: -104.37967276
7. County: Eddy

8. Operator Name and Address: COG OPERATING LLC, One Concho Center, 600 W. Illinois Ave, Midland 79701
9. OGRID: 229137
10. Phone Number: 432-685-4332
11. Last Fracture Date: 7/1/2015 Frac Performed by: Halliburton
12. Production Type: O
13. Pool Code(s): 3250
14. Gross Fractured Interval: 3,471 ft to 7,860 ft
15. True Vertical Depth (TVD): 3,214 ft
16. Total Volume of Fluid Pumped: 2,157,244 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) |
|---|---|---|---|---|---|---|
| Fresh Water | Operator | Base Fluid | Fresh Water | 7732-18-5 | 100% | 76.90761% |
| HYDROCHLORIC ACID | Halliburton | Base Fluid | NA | NA | 0% | 0% |
| BC-140 X2, BE-9, FE-1A ACIDIZING COMPOSITION, FE-2 | Halliburton | Additive, Biocide, Breaker, Corrosion Inhibitor, Gelling Agent, Initiator, Proppant, Scale Preventer | NA | NA | 0% | 0% |
| CAT106SI | Catalyst Oilfield Services | Scale Inhibitor | NA | NA | 0% | 0% |
| | | | 1,2-Benzisothiazolin-3-one | 2634-33-5 | 0.1% | 4E-05% |
| | | | 2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt | 915-67-3 | 0.1% | 6E-05% |
| | | | Acetic acid | 64-19-7 | 60% | 0.0124% |
| | | | Acetic anhydride | 108-24-7 | 100% | 0.02066% |
| | | | Alcohols, C14-C15, ethoxylated | 68951-67-7 | 30% | 0.00103% |
| | | | Alkane | Confidential | 1% | 0.00039% |
| | | | Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex | 121888-68-4 | 5% | 0.00757% |
| | | | C.I. Pigment Red 5 | 6410-41-9 | 1% | 8E-05% |
| | | | Calcium chloride | 10043-52-4 | 0.1% | 4E-05% |
| | | | Citric acid | 77-92-9 | 60% | 0.01286% |
| | | | Complex alkylamine | Proprietary | 5% | 0.00194% |
| | | | Crystalline silica, quartz | 14808-60-7 | 100% | 20.46647% |
| | | | Crystalline Silica, Quartz | 14808-60-7 | 0.1% | 0.00015% |
| | | | Cured acrylic resin | Confidential | 30% | 0.00257% |
| | | | Enzyme | Confidential | 5% | 0.00077% |
| | | | Ethylene glycol | 107-21-1 | 30% | 0.01733% |
| | | | Ethylenediaminetetraacetic acid, tetrasodium salt | 64-02-8 | 0.01% | 0% |
| | | | Fatty acids, tall oil | Confidential | 30% | 0.00103% |
| | | | Glassy calcium magnesium phosphate | 65997-17-3 | 100% | 0.01794% |
| | | | Guar gum | 9000-30-0 | 100% | 0.15148% |
| | | | Hexamethylenetetramine | 100-97-0 | 2% | 0.05576% |
| | | | Hydrochloric acid | 7647-01-0 | 60% | 1.31693% |
| | | | Hydrochloric Acid | Proprietary | 1% | 0.00041% |
| | | | Methanol | 67-56-1 | 60% | 0.00205% |
| | | | Monoethanolamine borate | 26038-87-9 | 100% | 0.05775% |
| | | | Olefins | Confidential | 5% | 0.00041% |
| | | | Phenol / formaldehyde resin | 9003-35-4 | 5% | 0.1394% |
| | | | Phosphonate Compound | Proprietary | 60% | 0.02453% |
| | | | Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy- | 61827-42-7 | 30% | 0.01164% |
| | | | Propargyl alcohol | 107-19-7 | 10% | 0.00034% |
| | | | Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide | 68527-49-1 | 30% | 0.00103% |
| | | | Silica gel | 112926-00-8 | 1% | 0.00151% |
| | | | Sodium bicarbonate | 144-55-8 | 0.01% | 0% |
| | | | Sodium chloride | 7647-14-5 | 30% | 0.01063% |
| | | | Surfactant mixture | Confidential | 1% | 0.00303% |
| | | | Tributyl tetradecyl phosphonium chloride | 81741-28-8 | 10% | 0.00374% |
| | | | Walnut hulls | NA | 100% | 0.00828% |
| | | | Water | 7732-18-5 | 100% | 2.34212% |

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: Chasity Jackson Title: Regulatory Analyst

Date: 8/18/2015

E-mail Address: cjackson@conchoresources.com

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