

|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 |                                                         |                                     |                                                          |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Submit within 45 days of well completion                                                                                                           | State of New Mexico<br>Energy, Minerals and Natural Resources<br>Oil Conservation Division<br>1220 S. St Francis Dr.<br>Santa Fe, NM 87505 | Revised February 15, 2012                                                                                                                                       |                                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 1. WELL API NO:<br>30-015-40278                                                                                                                                 |                                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 2. Well Name:<br>BURCH KEELY UNIT #651                                                                                                                          |                                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 3. Well Number:<br>651                                                                                                                                          |                                                         |                                     |                                                          |                                                          |
| HYDRAULIC FRACTURING FLUID<br>DISCLOSURE<br><br><input checked="" type="checkbox"/> Original<br><input type="checkbox"/> Amendment                 |                                                                                                                                            | 4. Surface Hole Location:<br>Unit: E    Lot: 2    Section: 19    Township: 17S    Range: 30E<br>Feet from: 1474    N/S Line: N<br>Feet from: 922    E/W Line: W |                                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 5. Bottom Hole Location:<br>Unit: E    Lot: 2    Section: 19    Township: 17S    Range: 30E<br>Feet from: 1663    N/S Line: N<br>Feet from: 974    E/W Line: W  |                                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 6. Latitude:    longitude:<br>32.8232951570781    -<br>104.016640953734                                                                                         |                                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 7. County:<br>Eddy                                                                                                                                              |                                                         |                                     |                                                          |                                                          |
| 8. Operator Name and Address:<br>COG OPERATING LLC<br>One Concho Center<br>600 W. Illinois Ave<br>Midland 79701                                    |                                                                                                                                            | 9. OGRID:    229137                                                                                                                                             | 10. Phone Number:    432-685-4332                       |                                     |                                                          |                                                          |
| 11. Last Fracture Date:    8/11/2013    Frac Performed by: Elite Well Services                                                                     |                                                                                                                                            | 12. Production Type:<br>O                                                                                                                                       |                                                         |                                     |                                                          |                                                          |
| 13. Pool Code(s):<br>97918                                                                                                                         |                                                                                                                                            | 14. Gross Fractured Interval:<br>4,189 ft to 4,464 ft                                                                                                           |                                                         |                                     |                                                          |                                                          |
| 15. True Vertical Depth (TVD):<br>4,666 ft                                                                                                         |                                                                                                                                            | 16. Total Volume of Fluid Pumped:<br>120,540 gals                                                                                                               |                                                         |                                     |                                                          |                                                          |
| 17. 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%                                                     | 86.6209%                                                 |
| Sand (Proppant)                                                                                                                                    |                                                                                                                                            | Proppant                                                                                                                                                        | Silicon Dioxide                                         | 14808-60-7                          | 100%                                                     | 10.84607%                                                |
| RCS (Proppant)                                                                                                                                     |                                                                                                                                            | Proppant                                                                                                                                                        | Silicon Dioxide                                         | 14808-60-7                          | 100%                                                     | 1.43357%                                                 |
| AMA-398                                                                                                                                            | Chemplex, LC                                                                                                                               | Biocide                                                                                                                                                         | Tetrahydro-3, 5-Dimethyl-2H-1,3,5-thiadiazine-2-thione. | 533-74-4                            | 98%                                                      | 0.02451%                                                 |
| Sodium Persulfate                                                                                                                                  | Chemplex, LC                                                                                                                               | Gel Breaker                                                                                                                                                     | Sodium Persulfate                                       | 7775-27-1                           | 98%                                                      | 0.00472%                                                 |
| Ferriplex 66                                                                                                                                       | Chemplex, LC                                                                                                                               | Iron Control                                                                                                                                                    | Acetic Acid                                             | 64-19-7                             | 50%                                                      | 0.00905%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Citric Acid                                             | 77-92-9                             | 30%                                                      | 0.00543%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Water                                                   | 7732-18-5                           | 35%                                                      | 0.00634%                                                 |
| Greenhib 679                                                                                                                                       | Chemplex, LC                                                                                                                               | Scale Inhibitor                                                                                                                                                 | Glycerine                                               | 56-81-5                             | 35%                                                      | 0.03866%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Trade Secret                                            | Trade Secret                        | 35%                                                      | 0.03866%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Water                                                   | 7732-18-5                           | 50%                                                      | 0.05523%                                                 |
| Plexbor 101                                                                                                                                        | Chemplex, LC                                                                                                                               | Crosslinker                                                                                                                                                     | Ethylene Glycol                                         | 107-21-1                            | 9.99%                                                    | 0.01167%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Potssium Metaborate                                     | 13709-94-9                          | 30%                                                      | 0.03507%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Potassium Hydroxide                                     | 1310-58-3                           | 5%                                                       | 0.00584%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Water                                                   | 7732-18-5                           | 75%                                                      | 0.08767%                                                 |
| Plexbreak 150                                                                                                                                      | Chemplex, LC                                                                                                                               | Non-Emulsifier                                                                                                                                                  | Cocamide Diethanolamine Salt                            | 68603-42-9                          | 30%                                                      | 0.00042%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Diethanolamine                                          | 111-42-2                            | 20%                                                      | 0.00028%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Methyl Alcohol                                          | 67-56-1                             | 50%                                                      | 0.00071%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Trade Secret                                            | Trade Secret                        | 5%                                                       | 7E-05%                                                   |
| Plexgel Breaker 10L                                                                                                                                | Chemplex, LC                                                                                                                               | Gel Breaker                                                                                                                                                     | Mannanase Enzymes                                       | Trade Secret                        | 2%                                                       | 0.00099%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Sodium Chloride                                         | 7647-14-5                           | 15%                                                      | 0.00743%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Water                                                   | 7732-18-5                           | 90%                                                      | 0.04459%                                                 |
| Plexhib 256                                                                                                                                        | Chemplex, LC                                                                                                                               | Corrosion Inhibitor                                                                                                                                             | Methyl Alcohol                                          | 67-56-1                             | 70%                                                      | 0.00189%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Propargyl Alcohol                                       | 107-19-7                            | 8%                                                       | 0.00022%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | thiourea-formaldehyde copolymer                         | 68527-49-1                          | 30%                                                      | 0.00081%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Alcohol Ethoxylate surfactants                          | Trade Secret                        | 30%                                                      | 0.00081%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | n-olefins                                               | Trade Secret                        | 10%                                                      | 0.00027%                                                 |
| Plexset 730                                                                                                                                        | Chemplex, LC                                                                                                                               | Activator                                                                                                                                                       | Secondary Alcohol Ethoxylate                            | 84133-50-6                          | 50%                                                      | 0.02759%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Methyl Alcohol                                          | 67-56-1                             | 50%                                                      | 0.02759%                                                 |
| Plexslick 921 E                                                                                                                                    | Chemplex, LC                                                                                                                               | Friction Reducer                                                                                                                                                | Hydrotreated Petroleum Distillate                       | 64742-47-8                          | 30%                                                      | 0.00049%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Polyacrylamide-co-acrylic acid                          | 90003-06-9                          | 32%                                                      | 0.00053%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Water                                                   | 7732-18-5                           | 35%                                                      | 0.00057%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Alcohol Ethoxylate Surfactants                          | Trade Secret                        | 8%                                                       | 0.00013%                                                 |
| Plexsurf 240 E                                                                                                                                     | Chemplex, LC                                                                                                                               | Surfactant                                                                                                                                                      | Methyl Alcohol                                          | 67-56-1                             | 20%                                                      | 0.00031%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Alcohol Ethoxylate surfactants                          | Trade Secret                        | 20%                                                      | 0.00031%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Water                                                   | 7732-18-5                           | 80%                                                      | 0.00122%                                                 |
| 20% Hydrochloric Acid                                                                                                                              | CNR                                                                                                                                        | Acid                                                                                                                                                            | 36% Hydrochloric Acid                                   | 7647-01-0                           | 53%                                                      | 0.09997%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Water                                                   | 7732-18-5                           | 47%                                                      | 0.08865%                                                 |
| Plexgel 907 LE                                                                                                                                     | PFP Technology                                                                                                                             | Polymer                                                                                                                                                         | Guar Gum                                                | 9000-30-0                           | 50%                                                      | 0.17284%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Mineral Oil                                             | 64742-47-8                          | 55%                                                      | 0.19012%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Bentonite Clay                                          | 14808-60-7                          | 2%                                                       | 0.00691%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Surfactant                                              | 68439-51-0                          | 2%                                                       | 0.00691%                                                 |
| Plexsurf 580 ME                                                                                                                                    | Chemplex, LC                                                                                                                               | Surfactant                                                                                                                                                      | Methyl Alcohol                                          | 67-56-1                             | 10%                                                      | 0.0094%                                                  |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | 2-Butoxyethanol                                         | 111-76-2                            | 50%                                                      | 0.04698%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                 | Water                                                   | 7732-18-5                           | 40%                                                      | 0.03759%                                                 |
| 18. 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:    10/8/2013                                                                                                                                 |                                                                                                                                            |                                                                                                                                                                 |                                                         |                                     |                                                          |                                                          |
| E-mail Address:    cjackson@conchoresources.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.