

|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        |                                         |                                     |                                                          |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| 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 November 6, 2013                                                                                                                               |                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 1. WELL API NO.<br>30-015-30744                                                                                                                        |                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 2. Well Name:<br>MONCRIEF STATE #002                                                                                                                   |                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 3. Well Number:<br>002                                                                                                                                 |                                         |                                     |                                                          |                                                          |
| HYDRAULIC FRACTURING FLUID<br>DISCLOSURE<br><br><input checked="" type="checkbox"/> Original<br><br><input type="checkbox"/> Amendment             |                                                                                                                                            | 4. Surface Hole Location:<br>Unit:L    Lot:L    Section:23    Township:17S    Range:28E<br>Feet from:2310    N/S Line:S<br>Feet from:531    E/W Line:W |                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 5. Bottom Hole Location:<br>Unit:L    Lot:L    Section:23    Township:17S    Range:28E<br>Feet from:2310    N/S Line:S<br>Feet from:531    E/W Line:W  |                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 6. latitude:    longitude:<br>32.8192942867297    -<br>104.153324097344                                                                                |                                         |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 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:    11/12/2012    Frac Performed by: Baker Hughes                                                                           |                                                                                                                                            | 12. Production Type:<br>O                                                                                                                              |                                         |                                     |                                                          |                                                          |
| 13. Pool Code(s):<br>96210                                                                                                                         |                                                                                                                                            | 14. Gross Fractured Interval:<br>3,990 ft to 4,870 ft                                                                                                  |                                         |                                     |                                                          |                                                          |
| 15. True Vertical Depth (TVD):<br>5,124 ft                                                                                                         |                                                                                                                                            | 16. Total Volume of Fluid Pumped:<br>364,854 gals                                                                                                      |                                         |                                     |                                                          |                                                          |
| 17. Total Volume of Re-Use Water Pumped:<br>N/A                                                                                                    |                                                                                                                                            | 18. Percent of Re-Use Water in Fluid Pumped:<br>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                                                                                                                                              | Operator                                                                                                                                   | Carrier                                                                                                                                                | Water                                   | 7732-18-5                           | 100%                                                     | 82.40935%                                                |
| HCl, 10.1 - 15%                                                                                                                                    | Baker Hughes                                                                                                                               | Acidizing                                                                                                                                              | Hydrochloric Acid                       | 7647-01-0                           | 15%                                                      | 0.37319%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Water                                   | 7732-18-5                           | 85%                                                      | 2.11476%                                                 |
| Activator, 330 gal tote                                                                                                                            | Baker Hughes                                                                                                                               | Activator                                                                                                                                              | Alcohols, C12-14-Secondary, Ethoxylated | 84133-50-6                          | 70%                                                      | 0.02428%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Methanol                                | 67-56-1                             | 50%                                                      | 0.01734%                                                 |
| X-Cide 207                                                                                                                                         | Baker Hughes                                                                                                                               | Biocide                                                                                                                                                | 2-Methyl-4-Isothiazolin-3-One           | 2682-20-4                           | 5%                                                       | 0.00016%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | 5-Chloro-2-Methyl-4-Isothiazolin-3-One  | 26172-55-4                          | 10%                                                      | 0.00033%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Crystalline Silica: Cristobalite        | 14464-46-1                          | 1%                                                       | 3E-05%                                                   |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Crystalline Silica: Quartz (SiO2)       | 14808-60-7                          | 1%                                                       | 3E-05%                                                   |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Diatomaceous Earth, Calcined            | 91053-39-3                          | 60%                                                      | 0.00195%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Magnesium Chloride                      | 7786-30-3                           | 5%                                                       | 0.00016%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Magnesium Nitrate                       | 10377-60-3                          | 10%                                                      | 0.00033%                                                 |
| GBW-5                                                                                                                                              | Baker Hughes                                                                                                                               | Breaker                                                                                                                                                | Ammonium Phosphate                      | 7727-54-0                           | 100%                                                     | 0.00298%                                                 |
| Enzyme G-I                                                                                                                                         | Baker Hughes                                                                                                                               | Breaker                                                                                                                                                | Hemicellulase Enzyme Concentrate        | 9025-56-3                           | 3%                                                       | 0.00118%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Water                                   | 7732-18-5                           | 97%                                                      | 0.03812%                                                 |
| CI-27                                                                                                                                              | Baker Hughes                                                                                                                               | Corrosion Inhibitor                                                                                                                                    | Fatty Acids                             | Trade Secret                        | 30%                                                      | 0.00066%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Methanol                                | 67-56-1                             | 60%                                                      | 0.00133%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Olefin                                  | Trade Secret                        | 5%                                                       | 0.00011%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Polyoxyalkylenes                        | Trade Secret                        | 30%                                                      | 0.00066%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Propargyl Alcohol                       | 107-19-7                            | 10%                                                      | 0.00022%                                                 |
| XLW-10A                                                                                                                                            | Baker Hughes                                                                                                                               | Crosslinker                                                                                                                                            | Ethylene Glycol                         | 107-21-1                            | 30%                                                      | 0.03012%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Sodium Hydroxide                        | 1310-73-2                           | 10%                                                      | 0.01004%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Sodium Tetraborate                      | 1330-43-4                           | 30%                                                      | 0.03012%                                                 |
| BioSealers MR                                                                                                                                      | Baker Hughes                                                                                                                               | Degradable Sealers                                                                                                                                     | Non-Hazardous Ingredient                | Trade Secret                        | 100%                                                     | 0.0061%                                                  |
| FRW-20                                                                                                                                             | Baker Hughes                                                                                                                               | Friction Reducer                                                                                                                                       | Petroleum Distillates                   | 64742-47-8                          | 30%                                                      | 0.00072%                                                 |
| GW-4LDF                                                                                                                                            | Baker Hughes                                                                                                                               | Gelling Agent                                                                                                                                          | Guar Gum                                | 9000-30-0                           | 60%                                                      | 0.26443%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Paraffinic Petroleum Distillate         | 64742-55-8                          | 60%                                                      | 0.26443%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Petroleum Distillate                    | 64742-47-8                          | 60%                                                      | 0.26443%                                                 |
| Ferrotrol 280L                                                                                                                                     | Baker Hughes                                                                                                                               | Iron Control                                                                                                                                           | 2-Mercaptoethanol                       | 60-24-2                             | 100%                                                     | 0.01418%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Ammonium Hydroxide                      | 1336-21-6                           | 5%                                                       | 0.00071%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Cupric Chloride                         | 7447-39-4                           | 5%                                                       | 0.00071%                                                 |
| NE-945, tote                                                                                                                                       | Baker Hughes                                                                                                                               | Non-emulsifier                                                                                                                                         | Oxyalkylated alcohol                    | Trade Secret                        | 5%                                                       | 0.00013%                                                 |
| NE-35, 330 gl tote                                                                                                                                 | Baker Hughes                                                                                                                               | Non-emulsifier                                                                                                                                         | Mixture of Surfactants                  | Trade Secret                        | 50%                                                      | 0.04406%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Propylene Glycol                        | 57-55-6                             | 30%                                                      | 0.02643%                                                 |
| Sand, Brown, 16/30                                                                                                                                 | Baker Hughes                                                                                                                               | Proppant                                                                                                                                               | Crystalline Silica (Quartz)             | 14808-60-7                          | 100%                                                     | 11.48933%                                                |
| SiberProp, 16/30                                                                                                                                   | Baker Hughes                                                                                                                               | Proppant                                                                                                                                               | Quartz (SiO2)                           | 14808-60-7                          | 100%                                                     | 2.43862%                                                 |
| Scaletrol 721, tote                                                                                                                                | Baker Hughes                                                                                                                               | Scale Inhibitor                                                                                                                                        | Diethylene Glycol                       | 111-46-6                            | 1%                                                       | 0.00034%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Ethylene Glycol                         | 107-21-1                            | 15%                                                      | 0.00503%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Synthetic Polymer                       | Trade Secret                        | 15%                                                      | 0.00503%                                                 |
| InFlo 250G, 330 gl tote                                                                                                                            | Baker Hughes                                                                                                                               | Surfactant                                                                                                                                             | Methanol                                | 67-56-1                             | 30%                                                      | 0.0248%                                                  |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Mixture of Surfactants                  | Trade Secret                        | 50%                                                      | 0.04133%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Water                                   | 7732-18-5                           | 30%                                                      | 0.0248%                                                  |
| 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:    11/21/2013                                                                                                                                |                                                                                                                                            |                                                                                                                                                        |                                         |                                     |                                                          |                                                          |
| 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.