

|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      |                                         |                                                       |                                                          |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| 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>30-015-39737                                                                                                      |                                         |                                                       |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 2. Well Name:<br>YALE STATE #027                                                                                                     |                                         |                                                       |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 3. Well Number:<br>027                                                                                                               |                                         |                                                       |                                                          |                                                          |
| <b>HYDRAULIC FRACTURING FLUID DISCLOSURE</b><br><br><input checked="" type="checkbox"/> Original<br><br><input type="checkbox"/> Amendment         |                                                                                                                                            | 4. Surface Hole Location:<br>Unit:K Lot:K Section:2 Township:17S Range:30E<br>Feet from:2310 N/S Line:S<br>Feet from:1650 E/W Line:W |                                         |                                                       |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 5. Bottom Hole Location:<br>Unit:K Lot:K Section:2 Township:17S Range:30E<br>Feet from:2310 N/S Line:S<br>Feet from:1650 E/W Line:W  |                                         |                                                       |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 6. latitude: longitude:<br>32.8626341552068 -<br>103.945911511068                                                                    |                                         |                                                       |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 7. County:<br>Eddy                                                                                                                   |                                         |                                                       |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      |                                         |                                                       |                                                          |                                                          |
| 8. Operator Name and Address:<br>COG OPERATING LLC<br>550 W TEXAS<br>SUITE 1300<br>MIDLAND 79701                                                   |                                                                                                                                            |                                                                                                                                      |                                         | 9. OGRID:<br>229137                                   |                                                          | 10. Phone<br>Number:                                     |
| 11. Last Fracture Date: 3/2/2012 Frac Performed by: Baker Hughes                                                                                   |                                                                                                                                            |                                                                                                                                      |                                         | 12. Production Type:<br>O                             |                                                          |                                                          |
| 13. Pool Code(s):<br>96718                                                                                                                         |                                                                                                                                            |                                                                                                                                      |                                         | 14. Gross Fractured Interval:<br>4,600 ft to 5,830 ft |                                                          |                                                          |
| 15. True Vertical Depth (TVD):<br>6,175 ft                                                                                                         |                                                                                                                                            |                                                                                                                                      |                                         | 16. Total Volume of Fluid Pumped:<br>12,085 bbls      |                                                          |                                                          |
| 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                                                                                                                                              | Operator                                                                                                                                   | Carrier                                                                                                                              | Water                                   | 7732-18-5                                             | 100%                                                     | 83.89677%                                                |
| HCl, 10.1 - 15%                                                                                                                                    | Baker Hughes                                                                                                                               | Acidizing                                                                                                                            | Hydrochloric Acid                       | 7647-01-0                                             | 15%                                                      | 0.26591%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Water                                   | 7732-18-5                                             | 85%                                                      | 1.50685%                                                 |
| Activator, 330 gal tote                                                                                                                            | Baker Hughes                                                                                                                               | Activator                                                                                                                            | Alcohols, C12-14-Secondary, Ethoxylated | 84133-50-6                                            | 70%                                                      | 0.02543%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Methanol                                | 67-56-1                                               | 50%                                                      | 0.01817%                                                 |
| X-Cide 207                                                                                                                                         | Baker Hughes                                                                                                                               | Biocide                                                                                                                              | 2-Methyl-4-Isothiazolin-3-One           | 2682-20-4                                             | 5%                                                       | 0.00017%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | 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%                                                      | 0.002%                                                   |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Magnesium Chloride                      | 7786-30-3                                             | 5%                                                       | 0.00017%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Magnesium Nitrate                       | 10377-60-3                                            | 10%                                                      | 0.00033%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | GBW-5                                   | Baker Hughes                                          | Breaker                                                  | Ammonium Persulfate                                      |
| Enzyme G-I                                                                                                                                         | Baker Hughes                                                                                                                               | Breaker                                                                                                                              | Hemicellulase Enzyme Concentrate        | 9025-56-3                                             | 3%                                                       | 0.00112%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Water                                   | 7732-18-5                                             | 97%                                                      | 0.03607%                                                 |
| ClayCare, tote                                                                                                                                     | Baker Hughes                                                                                                                               | Clay Control                                                                                                                         | Choline Chloride                        | 67-48-1                                               | 75%                                                      | 0.03476%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Water                                   | 7732-18-5                                             | 30%                                                      | 0.0139%                                                  |
| CI-27                                                                                                                                              | Baker Hughes                                                                                                                               | Corrosion Inhibitor                                                                                                                  | Fatty Acids                             | Trade Secret                                          | 30%                                                      | 0.00044%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Methanol                                | 67-56-1                                               | 60%                                                      | 0.00088%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Olefin                                  | Trade Secret                                          | 5%                                                       | 7E-05%                                                   |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Polyoxyalkylenes                        | Trade Secret                                          | 30%                                                      | 0.00044%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Propargyl Alcohol                       | 107-19-7                                              | 10%                                                      | 0.00015%                                                 |
| XLW-10A                                                                                                                                            | Baker Hughes                                                                                                                               | Crosslinker                                                                                                                          | Ethylene Glycol                         | 107-21-1                                              | 30%                                                      | 0.03185%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Sodium Hydroxide                        | 1310-73-2                                             | 10%                                                      | 0.01062%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Sodium Tetraborate                      | 1330-43-4                                             | 30%                                                      | 0.03185%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | BioSealers MR                           | Baker Hughes                                          | Degradable Sealers                                       | Non-Hazardous Ingredient                                 |
| FRW-14 (Small Tote)                                                                                                                                | Baker Hughes                                                                                                                               | Friction Reducer                                                                                                                     | No Hazardous Ingredients                | N.A.                                                  | 100%                                                     | 0.00321%                                                 |
| GW-4LDF                                                                                                                                            | Baker Hughes                                                                                                                               | Gelling Agent                                                                                                                        | Guar Gum                                | 9000-30-0                                             | 40%                                                      | 0.17843%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Petroleum Distillates Blend             | Trade Secret                                          | 70%                                                      | 0.31226%                                                 |
| Ferrotrol 280L                                                                                                                                     | Baker Hughes                                                                                                                               | Iron Control                                                                                                                         | 2-Mercaptoethanol                       | 60-24-2                                               | 100%                                                     | 0.01019%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Ammonium Hydroxide                      | 1336-21-6                                             | 5%                                                       | 0.00051%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Cupric Chloride                         | 7447-39-4                                             | 5%                                                       | 0.00051%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | NE-945, tote                            | Baker Hughes                                          | Non-emulsifier                                           | Oxyalkylated alcohol                                     |
| Sand, White, 16/30                                                                                                                                 | Baker Hughes                                                                                                                               | Proppant                                                                                                                             | Crystalline Silica (Quartz)             | 14808-60-7                                            | 100%                                                     | 8.82855%                                                 |
| Sand, Brown, 16/30                                                                                                                                 | Baker Hughes                                                                                                                               | Proppant                                                                                                                             | Crystalline Silica (Quartz)             | 14808-60-7                                            | 100%                                                     | 2.27331%                                                 |
| SiberProp, 16/30                                                                                                                                   | Baker Hughes                                                                                                                               | Proppant                                                                                                                             | Quartz (SiO2)                           | 14808-60-7                                            | 100%                                                     | 2.08353%                                                 |
| Scaletrol 721, tote                                                                                                                                | Baker Hughes                                                                                                                               | Scale Inhibitor                                                                                                                      | Diethylene Glycol                       | 111-46-6                                              | 1%                                                       | 0.00033%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Ethylene Glycol                         | 107-21-1                                              | 15%                                                      | 0.00493%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Synthetic Polymer                       | Trade Secret                                          | 15%                                                      | 0.00493%                                                 |
| ES-4A, Greenskeeper Solvent                                                                                                                        | Baker Hughes                                                                                                                               | Solvent                                                                                                                              | Petroleum Distillates Blend             | Trade Secret                                          | 100%                                                     | 0.01746%                                                 |
| InFlo 250W                                                                                                                                         | Baker Hughes                                                                                                                               | Surfactant                                                                                                                           | 2-Butoxyethanol                         | 111-76-2                                              | 5%                                                       | 0.00417%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Methanol                                | 67-56-1                                               | 30%                                                      | 0.02499%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                      | Surfactants                             | Trade Secret                                          | 80%                                                      | 0.06665%                                                 |
| 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: 5/16/2012                                                                                                                                    |                                                                                                                                            |                                                                                                                                      |                                         |                                                       |                                                          |                                                          |
| 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.