

|                                                                                                                                                    |              |                                                                                                                                               |                                         |                                                                                                                                      |                                                          |                                                          |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|--------------|
| Submit within 45 days of well completion                                                                                                           |              | State of New Mexico<br>Energy, Minerals and<br>Natural Resources<br>Oil Conservation Division<br>1220 S. St Francis Dr.<br>Santa Fe, NM 87505 |                                         | Revised February 15, 2012                                                                                                            |                                                          |                                                          |              |
|                                                                                                                                                    |              | HYDRAULIC FRACTURING FLUID DISCLOSURE<br><br><input checked="" type="checkbox"/> Original<br><br><input type="checkbox"/> Amendment           |                                         | 1. WELL API NO.<br>30-015-39997                                                                                                      |                                                          |                                                          |              |
|                                                                                                                                                    |              |                                                                                                                                               |                                         | 2. Well Name:<br>BERRY A FEDERAL #016                                                                                                |                                                          |                                                          |              |
|                                                                                                                                                    |              |                                                                                                                                               |                                         | 3. Well Number:<br>016                                                                                                               |                                                          |                                                          |              |
|                                                                                                                                                    |              |                                                                                                                                               |                                         | 4. Surface Hole Location:<br>Unit:E Lot:E Section:21 Township:17S Range:30E<br>Feet from:1393 N/S Line:N<br>Feet from:740 E/W Line:W |                                                          |                                                          |              |
|                                                                                                                                                    |              |                                                                                                                                               |                                         | 5. Bottom Hole Location:<br>Unit:E Lot:E Section:21 Township:17S Range:30E<br>Feet from:1656 N/S Line:N<br>Feet from:941 E/W Line:W  |                                                          |                                                          |              |
|                                                                                                                                                    |              |                                                                                                                                               |                                         | 6. latitude: longitude:<br>32.8235157125781 -<br>103.983176569628                                                                    |                                                          |                                                          |              |
|                                                                                                                                                    |              |                                                                                                                                               |                                         | 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:<br>229137                                                                                                                  |                                                          | 10. Phone Number:<br>432-685-4332                        |              |
| 11. Last Fracture Date: 8/6/2012 Frac Performed by: Baker Hughes                                                                                   |              |                                                                                                                                               |                                         | 12. Production Type:<br>O                                                                                                            |                                                          |                                                          |              |
| 13. Pool Code(s):<br>96718                                                                                                                         |              |                                                                                                                                               |                                         | 14. Gross Fractured Interval:<br>4,390 ft to 5,840 ft                                                                                |                                                          |                                                          |              |
| 15. True Vertical Depth (TVD):<br>6,102 ft                                                                                                         |              |                                                                                                                                               |                                         | 16. Total Volume of Fluid Pumped:<br>12,590 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%                                                     | 84.01189%                                                |              |
| HCl, 10.1 - 15%                                                                                                                                    | Baker Hughes | Acidizing                                                                                                                                     | Hydrochloric Acid                       | 7647-01-0                                                                                                                            | 15%                                                      | 0.3454%                                                  |              |
|                                                                                                                                                    |              |                                                                                                                                               | Water                                   | 7732-18-5                                                                                                                            | 85%                                                      | 1.95729%                                                 |              |
| Activator, 330 gal tote                                                                                                                            | Baker Hughes | Activator                                                                                                                                     | Alcohols, C12-14-Secondary, Ethoxylated | 84133-50-6                                                                                                                           | 70%                                                      | 0.01769%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Methanol                                | 67-56-1                                                                                                                              | 50%                                                      | 0.01264%                                                 |              |
| 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%                                                      | 0.00032%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | 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%                                                      | 0.00192%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Magnesium Chloride                      | 7786-30-3                                                                                                                            | 5%                                                       | 0.00016%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Magnesium Nitrate                       | 10377-60-3                                                                                                                           | 10%                                                      | 0.00032%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | GBW-5                                   | Baker Hughes                                                                                                                         | Breaker                                                  | Ammonium Persulfate                                      | 7727-54-0    |
| Enzyme G-I                                                                                                                                         | Baker Hughes | Breaker                                                                                                                                       | Hemicellulase Enzyme Concentrate        | 9025-56-3                                                                                                                            | 3%                                                       | 0.00107%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Water                                   | 7732-18-5                                                                                                                            | 97%                                                      | 0.03468%                                                 |              |
| CI-27                                                                                                                                              | Baker Hughes | Corrosion Inhibitor                                                                                                                           | Fatty Acids                             | Trade Secret                                                                                                                         | 30%                                                      | 0.00055%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Methanol                                | 67-56-1                                                                                                                              | 60%                                                      | 0.0011%                                                  |              |
|                                                                                                                                                    |              |                                                                                                                                               | Olefin                                  | Trade Secret                                                                                                                         | 5%                                                       | 9E-05%                                                   |              |
|                                                                                                                                                    |              |                                                                                                                                               | Polyoxyalkylenes                        | Trade Secret                                                                                                                         | 30%                                                      | 0.00055%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Propargyl Alcohol                       | 107-19-7                                                                                                                             | 10%                                                      | 0.00018%                                                 |              |
| XLW-10A                                                                                                                                            | Baker Hughes | Crosslinker                                                                                                                                   | Ethylene Glycol                         | 107-21-1                                                                                                                             | 30%                                                      | 0.02785%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Sodium Hydroxide                        | 1310-73-2                                                                                                                            | 10%                                                      | 0.00928%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Sodium Tetraborate                      | 1330-43-4                                                                                                                            | 30%                                                      | 0.02785%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | BioSealers MR                           | Baker Hughes                                                                                                                         | Degradable Sealers                                       | Non-Hazardous Ingredient                                 | Trade Secret |
| FRW-14 (Small Tote)                                                                                                                                | Baker Hughes | Friction Reducer                                                                                                                              | No Hazardous Ingredients                | N.A.                                                                                                                                 | 100%                                                     | 0.0012%                                                  |              |
| GW-4LDF                                                                                                                                            | Baker Hughes | Gelling Agent                                                                                                                                 | Guar Gum                                | 9000-30-0                                                                                                                            | 60%                                                      | 0.21019%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Paraffinic Petroleum Distillate         | 64742-55-8                                                                                                                           | 60%                                                      | 0.21019%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Petroleum Distillate                    | 64742-47-8                                                                                                                           | 60%                                                      | 0.21019%                                                 |              |
| Ferotrol 280L                                                                                                                                      | Baker Hughes | Iron Control                                                                                                                                  | 2-Mercaptoethanol                       | 60-24-2                                                                                                                              | 100%                                                     | 0.01312%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Ammonium Hydroxide                      | 1336-21-6                                                                                                                            | 5%                                                       | 0.00066%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Cupric Chloride                         | 7447-39-4                                                                                                                            | 5%                                                       | 0.00066%                                                 |              |
| NE-35, 330 gl tote                                                                                                                                 | Baker Hughes | Non-emulsifier                                                                                                                                | Mixture of Surfactants                  | Trade Secret                                                                                                                         | 50%                                                      | 0.04712%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Propylene Glycol                        | 57-55-6                                                                                                                              | 30%                                                      | 0.02827%                                                 |              |
| Sand, White, 16/30                                                                                                                                 | Baker Hughes | Proppant                                                                                                                                      | Crystalline Silica (Quartz)             | 14808-60-7                                                                                                                           | 100%                                                     | 10.6816%                                                 |              |
| SiberProp, 16/30                                                                                                                                   | Baker Hughes | Proppant                                                                                                                                      | Quartz (SiO2)                           | 14808-60-7                                                                                                                           | 100%                                                     | 2.02252%                                                 |              |
| Scaletrol 721, tote                                                                                                                                | Baker Hughes | Scale Inhibitor                                                                                                                               | Diethylene Glycol                       | 111-46-6                                                                                                                             | 1%                                                       | 0.00028%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Ethylene Glycol                         | 107-21-1                                                                                                                             | 15%                                                      | 0.00417%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Synthetic Polymer                       | Trade Secret                                                                                                                         | 15%                                                      | 0.00417%                                                 |              |
| InFlo 250G, 330 gl tote                                                                                                                            | Baker Hughes | Surfactant                                                                                                                                    | Methanol                                | 67-56-1                                                                                                                              | 30%                                                      | 0.02402%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Mixture of Surfactants                  | Trade Secret                                                                                                                         | 50%                                                      | 0.04004%                                                 |              |
|                                                                                                                                                    |              |                                                                                                                                               | Water                                   | 7732-18-5                                                                                                                            | 30%                                                      | 0.02402%                                                 |              |
| 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: Brian Maiorino                                                                                                                  |                                         | Title: Regulatory Analyst                                                                                                            |                                                          |                                                          |              |
| Date: 11/6/2012                                                                                                                                    |              |                                                                                                                                               |                                         |                                                                                                                                      |                                                          |                                                          |              |
| E-mail Address: bmaiorino@concho.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.