

|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        |                                                        |                                     |                                                          |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| 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>30-025-43273                                                                                                                        |                                                        |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 2. Well Name:<br>RAGNAR FEDERAL COM #026H                                                                                                              |                                                        |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 3. Well Number:<br>026H                                                                                                                                |                                                        |                                     |                                                          |                                                          |
| HYDRAULIC FRACTURING FLUID<br>DISCLOSURE<br><br><input checked="" type="checkbox"/> Original<br><br><input type="checkbox"/> Amendment             |                                                                                                                                            | 4. Surface Hole Location:<br>Unit:B    Lot:B    Section:22    Township:17S    Range:32E<br>Feet from:120    N/S Line:N<br>Feet from:1730    E/W Line:E |                                                        |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 5. Bottom Hole Location:<br>Unit:B    Lot:B    Section:22    Township:17S    Range:32E<br>Feet from:120    N/S Line:N<br>Feet from:1730    E/W Line:E  |                                                        |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 6. latitude:    longitude:<br>32.82701562    -103.7513118                                                                                              |                                                        |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 7. County:<br>Lea                                                                                                                                      |                                                        |                                     |                                                          |                                                          |
| 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:    3/30/2017    Frac Performed by: PumpCo Services                                                                         |                                                                                                                                            | 12. Production Type:<br>O                                                                                                                              |                                                        |                                     |                                                          |                                                          |
| 13. Pool Code(s):<br>44500                                                                                                                         |                                                                                                                                            | 14. Gross Fractured Interval:<br>6,741 ft to 11,360 ft                                                                                                 |                                                        |                                     |                                                          |                                                          |
| 15. True Vertical Depth (TVD):<br>6,400 ft                                                                                                         |                                                                                                                                            | 16. Total Volume of Fluid Pumped:<br>5,243,238 gals                                                                                                    |                                                        |                                     |                                                          |                                                          |
| 17. Total Volume of Re-Use Water Pumped:<br>0 gals                                                                                                 |                                                                                                                                            | 18. Percent of Re-Use Water in Fluid Pumped:<br>%                                                                                                      |                                                        |                                     |                                                          |                                                          |
| 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/Base Fluid                                                                                                                                     | Water                                                  | 7732-18-5                           | 100%                                                     | 88.78356%                                                |
| Sand                                                                                                                                               | TSS                                                                                                                                        | Proppant                                                                                                                                               | Silica Substrate                                       | 14808-60-7                          | 100%                                                     | 9.19055%                                                 |
| 15% HCL                                                                                                                                            | Reagent                                                                                                                                    | Acidizing                                                                                                                                              | Hydrochloric Acid                                      | 7647-01-0                           | 15%                                                      | 0.27451%                                                 |
| Chemplex 4-N-1                                                                                                                                     | Chemplex                                                                                                                                   | Combination/Iron Control                                                                                                                               | 2-Ethylhexanol                                         | 104-76-7                            | 10%                                                      | 0.00208%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Acetic Acid                                            | 64-19-7                             | 85%                                                      | 0.01765%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Alcohol Ethoxylate Surfactants                         | Proprietary                         | 2%                                                       | 0.00042%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Cocamide Diethanolamine Salt                           | 68603-42-9                          | 2%                                                       | 0.00042%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Diethanolamine                                         | 111-42-2                            | 2%                                                       | 0.00042%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Methyl Alcohol                                         | 67-56-1                             | 10%                                                      | 0.00208%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | n-olefins                                              | Proprietary                         | 1%                                                       | 0.00021%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Propargyl Alcohol                                      | 107-19-7                            | 1%                                                       | 0.00021%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | thiourea-formaldehyde copolymer                        | 68527-49-1                          | 2%                                                       | 0.00042%                                                 |
| Plexgel Breaker XPA                                                                                                                                | Chemplex                                                                                                                                   | Breaker                                                                                                                                                | Hydrogen Peroxide                                      | 7722-84-1                           | 7%                                                       | 0.00301%                                                 |
| Plexslick 957                                                                                                                                      | Chemplex                                                                                                                                   | Friction Reducer                                                                                                                                       | Ammonium Chloride                                      | 12125-02-9                          | 5%                                                       | 0.00446%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Nonionic Surfactants                                   | Proprietary                         | 1.5%                                                     | 0.00134%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Paraffinic, Naphtehenic Solvent                        | 64742-47-8                          | 30%                                                      | 0.02677%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Poly (acrylamide-co-acrylic acid), partial sodium salt | 62649-23-4                          | 35%                                                      | 0.03123%                                                 |
| Plexsurf 240E                                                                                                                                      | Chemplex                                                                                                                                   | Non Ionic Surfactant                                                                                                                                   | Methyl Alcohol                                         | 67-56-1                             | 20%                                                      | 0.00858%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        | Alcohol Alkoxylate                                     | Proprietary                         | 20%                                                      | 0.00858%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        |                                                        |                                     | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        |                                                        |                                     | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        |                                                        |                                     | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                        |                                                        |                                     | 0%                                                       | 0%                                                       |
| 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:    Kanicia Carrillo                                                                                                                      |                                                        | Title:    Regulatory Analsyt        |                                                          |                                                          |
| Date:    5/24/2017                                                                                                                                 |                                                                                                                                            |                                                                                                                                                        |                                                        |                                     |                                                          |                                                          |
| E-mail Address:    kcarrillo@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.