

|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       |                                                                                 |                                     |                                                          |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| 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>30-025-41539                                                                                                                       |                                                                                 |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 2. Well Name:<br>STRATOJET 31 STATE COM #004H                                                                                                         |                                                                                 |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 3. Well Number:<br>004H                                                                                                                               |                                                                                 |                                     |                                                          |                                                          |
| HYDRAULIC FRACTURING FLUID<br>DISCLOSURE<br><br>☒ Original<br><br>☐ Amendment                                                                      |                                                                                                                                            | 4. Surface Hole Location:<br>Unit:M    Lot:M    Section:31    Township:20S    Range:35E<br>Feet from:540    N/S Line:S<br>Feet from:660    E/W Line:W |                                                                                 |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 5. Bottom Hole Location:<br>Unit:D    Lot:    Section:31    Township:20S    Range:35E<br>Feet from:332    N/S Line:N<br>Feet from:502    E/W Line:W   |                                                                                 |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 6. Latitude:<br>32.5237945416275    Longitude:<br>-103.502894006414                                                                                   |                                                                                 |                                     |                                                          |                                                          |
|                                                                                                                                                    |                                                                                                                                            | 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:<br>229137                                                                                                                                   |                                                                                 | 10. Phone Number:<br>432-685-4332   |                                                          |                                                          |
| 11. Last Fracture Date:    4/23/2014    Frac Performed by: Halliburton                                                                             |                                                                                                                                            | 12. Production Type:<br>O                                                                                                                             |                                                                                 |                                     |                                                          |                                                          |
| 13. Pool Code(s):<br>5535                                                                                                                          |                                                                                                                                            | 14. Gross Fractured Interval:<br>10,989 ft to 14,925 ft                                                                                               |                                                                                 |                                     |                                                          |                                                          |
| 15. True Vertical Depth (TVD):<br>10,778 ft                                                                                                        |                                                                                                                                            | 16. Total Volume of Fluid Pumped:<br>2,486,320 gals                                                                                                   |                                                                                 |                                     |                                                          |                                                          |
| 17. Total Volume of Re-Use Water Pumped:<br>N/A                                                                                                    |                                                                                                                                            | 18. Percent of Re-Use Water in Fluid Pumped:<br>Not Disclosed                                                                                         |                                                                                 |                                     |                                                          |                                                          |
| 19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:                                                                                                 |                                                                                                                                            |                                                                                                                                                       |                                                                                 |                                     |                                                          |                                                          |
| Trade Name                                                                                                                                         | Supplier                                                                                                                                   | Purpose                                                                                                                                               | Ingredients                                                                     | (CAS #) Chemical Abstract Service # | Maximum Ingredient Concentration in Additive (% by mass) | Maximum Ingredient Concentration in HF Fluid (% by mass) |
| Fresh Water                                                                                                                                        | Operator                                                                                                                                   |                                                                                                                                                       |                                                                                 |                                     | 100%                                                     | 85.20457%                                                |
| FE ACID - >10% HCL                                                                                                                                 | Halliburton                                                                                                                                |                                                                                                                                                       | Hydrochloric acid                                                               | 7647-01-0                           | 30%                                                      | 0.2292%                                                  |
| CRC 30/50                                                                                                                                          | Halliburton                                                                                                                                |                                                                                                                                                       |                                                                                 |                                     | 100%                                                     | 13.56011%                                                |
| CL-22 UC                                                                                                                                           | Halliburton                                                                                                                                | Crosslinker                                                                                                                                           | Potassium formate                                                               | 590-29-4                            | 60%                                                      | 0.03934%                                                 |
| CL-31 CROSSLINKER                                                                                                                                  | Halliburton                                                                                                                                | Crosslinker                                                                                                                                           | Potassium hydroxide                                                             | 1310-58-3                           | 5%                                                       | 0.00134%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Potassium metaborate                                                            | 13709-94-9                          | 60%                                                      | 0.01611%                                                 |
| MO-67                                                                                                                                              | Halliburton                                                                                                                                | pH Control Additive                                                                                                                                   | Sodium hydroxide                                                                | 1310-73-2                           | 30%                                                      | 0.00838%                                                 |
| BE-9                                                                                                                                               | Halliburton                                                                                                                                | Biocide                                                                                                                                               | Tributyl tetradecyl phosphonium chloride                                        | 81741-28-8                          | 10%                                                      | 0.00425%                                                 |
| D-AIR 3000L                                                                                                                                        | Halliburton                                                                                                                                | Defoamer                                                                                                                                              | Alkenes                                                                         | Confidential Business Information   | 100%                                                     | 0.00988%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Silica, amorphous precipitated                                                  | 67762-90-7                          | 30%                                                      | 0.00296%                                                 |
| CLA-STA XP ADDITIVE                                                                                                                                | Halliburton                                                                                                                                | Clay Stabilizer                                                                                                                                       | Polyepichlorohydrin, trimethyl amine quaternized                                | 51838-31-4                          | 60%                                                      | 0.01114%                                                 |
| Cla-Web™                                                                                                                                           | Halliburton                                                                                                                                | Additive                                                                                                                                              | Ammonium salt                                                                   | Confidential Business Information   | 60%                                                      | 0.02866%                                                 |
| LoSurf-360W                                                                                                                                        | Halliburton                                                                                                                                | Surfactant                                                                                                                                            | Complex alkylamine                                                              | Confidential Business Information   | 5%                                                       | 0.00223%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Glycerine                                                                       | 56-81-5                             | 10%                                                      | 0.00446%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-                     | 61827-42-7                          | 30%                                                      | 0.01339%                                                 |
| Scaletrol                                                                                                                                          | Halliburton                                                                                                                                |                                                                                                                                                       |                                                                                 |                                     | 100%                                                     | 0%                                                       |
| BE-6 MICROBIOCIDE                                                                                                                                  | Halliburton                                                                                                                                | Biocide                                                                                                                                               | 2-Bromo-2-nitro-1,3-propanediol                                                 | 52-51-7                             | 100%                                                     | 0.0001%                                                  |
| Scalechek® SCP-2 Scale Inhibitor                                                                                                                   | Halliburton                                                                                                                                | Scale Preventer                                                                                                                                       | Glassy calcium magnesium phosphate                                              | 65997-17-3                          | 100%                                                     | 0.0226%                                                  |
| OPTIFLO-III DELAYED RELEASE BREAKER                                                                                                                | Halliburton                                                                                                                                | Breaker                                                                                                                                               | Ammonium persulfate                                                             | 7727-54-0                           | 100%                                                     | 0.00937%                                                 |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Crystalline silica, quartz                                                      | 14808-60-7                          | 30%                                                      | 0.00281%                                                 |
| SP BREAKER                                                                                                                                         | Halliburton                                                                                                                                | Breaker                                                                                                                                               | Sodium persulfate                                                               | 7775-27-1                           | 100%                                                     | 0.00054%                                                 |
| WG-36 GELLING AGENT                                                                                                                                | Halliburton                                                                                                                                | Gelling Agent                                                                                                                                         | Guar gum                                                                        | 9000-30-0                           | 100%                                                     | 0.15505%                                                 |
| Ingredients Listed Below This Line Are Part of the                                                                                                 |                                                                                                                                            |                                                                                                                                                       | Acetic acid                                                                     | 64-19-7                             | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Acetic anhydride                                                                | 108-24-7                            | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Acrylate polymer                                                                | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Alkane                                                                          | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Amine salts                                                                     | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Amine salts                                                                     | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex | 121888-68-4                         | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Borate salts                                                                    | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Citric acid                                                                     | 77-92-9                             | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Crystalline silica, quartz                                                      | 14808-60-7                          | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Cured acrylic resin                                                             | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Ethylenediaminetetraacetic acid, tetrasodium salt                               | 64-02-8                             | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Hydrogen peroxide                                                               | 7722-84-1                           | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Nitrotriacetic acid, trisodium salt monohydrate                                 | 5064-31-3                           | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Polypropylene glycol                                                            | 25322-69-4                          | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Quaternary amine                                                                | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Quaternary amine                                                                | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Quaternary amine                                                                | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Silica gel                                                                      | 112926-00-8                         | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Sodium bicarbonate                                                              | 144-55-8                            | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Sodium carboxymethyl cellulose                                                  | 9004-32-4                           | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Sodium chloride                                                                 | 7647-14-5                           | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Sodium glycollate                                                               | 2836-32-0                           | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Sodium hydroxide                                                                | 1310-73-2                           | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Sodium sulfate                                                                  | 7757-82-6                           | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Surfactant mixture                                                              | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Surfactant mixture                                                              | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                       | Trimethylamine, N-oxide                                                         | 1184-78-7                           | 0%                                                       | 0%                                                       |
| Water                                                                                                                                              | 7732-18-5                                                                                                                                  | 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:    Stormi Davis    Title:    Regulatory Analyst                                               |                                                                                                                                            |                                                                                                                                                       |                                                                                 |                                     |                                                          |                                                          |
| Date:    6/3/2014                                                                                                                                  |                                                                                                                                            |                                                                                                                                                       |                                                                                 |                                     |                                                          |                                                          |
| E-mail Address:    sdavis@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.