

|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 |                                                               |                                     |                                                          |                                                          |            |     |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------|----------------------------------------------------------|----------------------------------------------------------|------------|-----|--------|
| 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>30-025-41628                                                                                                                 |                                                               |                                     |                                                          |                                                          |            |     |        |
|                                                                                                                                                    |                                                                                                                                            | 2. Well Name:<br>HALLERTAU 4 FEDERAL #006H                                                                                                      |                                                               |                                     |                                                          |                                                          |            |     |        |
|                                                                                                                                                    |                                                                                                                                            | 3. Well Number:<br>006H                                                                                                                         |                                                               |                                     |                                                          |                                                          |            |     |        |
| HYDRAULIC FRACTURING FLUID<br>DISCLOSURE<br><input checked="" type="checkbox"/> Original<br><input type="checkbox"/> Amendment                     |                                                                                                                                            | 4. Surface Hole Location:<br>Unit:C   Lot:C   Section:4   Township:26S   Range:32E<br>Feet from:330   N/S Line:N<br>Feet from:2260   E/W Line:W |                                                               |                                     |                                                          |                                                          |            |     |        |
|                                                                                                                                                    |                                                                                                                                            | 5. Bottom Hole Location:<br>Unit:C   Lot:C   Section:4   Township:26S   Range:32E<br>Feet from:330   N/S Line:N<br>Feet from:2260   E/W Line:W  |                                                               |                                     |                                                          |                                                          |            |     |        |
|                                                                                                                                                    |                                                                                                                                            | 6. latitude:                      32.0787831281265                      longitude:                      -103.681310687643                       |                                                               |                                     |                                                          |                                                          |            |     |        |
|                                                                                                                                                    |                                                                                                                                            | 7. County:<br>Lea                                                                                                                               |                                                               |                                     |                                                          |                                                          |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 |                                                               |                                     |                                                          |                                                          |            |     |        |
| 8. Operator Name and Address:<br>CIMAREX ENERGY CO. OF COLORADO<br>202 S. Cheyenne Ave, Ste 1000<br>Tulsa 74103                                    |                                                                                                                                            | 9. OGRID:                      162683                                                                                                           | 10. Phone Number:                      918-295-1763           |                                     |                                                          |                                                          |            |     |        |
| 11. Last Fracture Date:                      10/28/2014    Frac Performed by:    Halliburton                                                       |                                                                                                                                            | 12. Production Type:<br>O                                                                                                                       |                                                               |                                     |                                                          |                                                          |            |     |        |
| 13. Pool Code(s):<br>97838                                                                                                                         |                                                                                                                                            | 14. Gross Fractured Interval:<br>9,413 ft to 9,457 ft                                                                                           |                                                               |                                     |                                                          |                                                          |            |     |        |
| 15. True Vertical Depth (TVD):<br>9,457 ft                                                                                                         |                                                                                                                                            | 16. Total Volume of Fluid Pumped:<br>7,239,391 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                                                                                                                                   | Base Fluid                                                                                                                                      | Fresh Water                                                   | 7732-18-5                           | 100%                                                     | 87.21388%                                                |            |     |        |
| Premium White Sand                                                                                                                                 | Halliburton                                                                                                                                | Proppant                                                                                                                                        | Crystalline silica, quartz                                    | 14808-60-7                          | 100%                                                     | 12.65897%                                                |            |     |        |
| LOSURF-360W                                                                                                                                        | Halliburton                                                                                                                                | Surfactant                                                                                                                                      | Complex alkylamine                                            | Proprietary                         | 5%                                                       | 0.00431%                                                 |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Glycerine                                                     | 56-81-5                             | 10%                                                      | 0.00861%                                                 |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Poly(oxy-1,2-ethanediyl), alpha.-isodecyl-, omega.-hydroxy-   | 61827-42-7                          | 30%                                                      | 0.02584%                                                 |            |     |        |
| PermVis VFR-10                                                                                                                                     | Halliburton                                                                                                                                | Friction Reducer                                                                                                                                | Hydrotreated light petroleum distillate                       | 64742-47-8                          | 30%                                                      | 0.02462%                                                 |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Alcohols, C12-16, exhoxylated                                 | 68551-12-2                          | 10%                                                      | 0.0082%                                                  |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Ammonium chloride                                             | 12125-02-9                          | 10%                                                      | 0.0082%                                                  |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | 9-Octadecenamide, n,n-bis-2 (hydroxy-ethyl)-, (Z)             | 93-83-4                             | 5%                                                       | 0.0041%                                                  |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 |                                                               |                                     |                                                          |                                                          |            |     |        |
| OptiKleen-WF                                                                                                                                       | Halliburton                                                                                                                                | Concentrate                                                                                                                                     | Sodium perborate tetrahydrate                                 | 10486-00-7                          | 100%                                                     | 0.00539%                                                 |            |     |        |
| BE-9                                                                                                                                               | Halliburton                                                                                                                                | Biocide                                                                                                                                         | Tributyl tetradecyl phosphonium chloride                      | 81741-28-8                          | 100%                                                     | 0.00011%                                                 |            |     |        |
| HCL 15%                                                                                                                                            | Petroplex                                                                                                                                  | Acid                                                                                                                                            | Hydrochloric Acid                                             | 7647-01-0                           | 15%                                                      | 0.00538%                                                 |            |     |        |
| Cronox AK-50                                                                                                                                       | Petroplex                                                                                                                                  | Corrosion Inhibitor                                                                                                                             | Oxyalkylated Alkylphenol                                      | Proprietary                         | 30%                                                      | 2E-05%                                                   |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Heavy Aromatic Naptha                                         | 64742-94-5                          | 30%                                                      | 2E-05%                                                   |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Isopropanol                                                   | 67-63-0                             | 30%                                                      | 2E-05%                                                   |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Fatty Acids                                                   | Proprietary                         | 10%                                                      | 1E-05%                                                   |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Complex Alkylaryl Polyo-Ester                                 | Proprietary                         | 10%                                                      | 1E-05%                                                   |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Tar Bases, Quinoline Derivatives, Benzyl Chloride-Quaternized | 72480-70-7                          | 10%                                                      | 1E-05%                                                   |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Formaldehyde                                                  | 50-00-0                             | 10%                                                      | 1E-05%                                                   |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Acetylenic Alcohol                                            | Proprietary                         | 5%                                                       | 0%                                                       |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Propargyl Alcohol                                             | 107-19-7                            | 5%                                                       | 0%                                                       |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Napthalene                                                    | 91-20-3                             | 5%                                                       | 0%                                                       |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Citric Acid                                                   | 77-92-9                             | 100%                                                     | 0.0018%                                                  |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | EC9546A                                                       | Petroplex                           | Surfactant                                               | Heavy Aromatic Naptha                                    | 64742-94-5 | 10% | 1E-05% |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 |                                                               |                                     |                                                          | Isopropanol                                              | 67-63-0    | 60% | 4E-05% |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Polyethylene Glycol                                           | 25322-68-3                          | 5%                                                       | 0%                                                       |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Napthalene                                                    | 91-20-3                             | 1%                                                       | 0%                                                       |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Phosphoric Acid Ester                                         | Proprietary                         | 10%                                                      | 1E-05%                                                   |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Oxyalkylated Alcohol                                          | Proprietary                         | 10%                                                      | 1E-05%                                                   |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Oxyalkylated Alkyl Alcohol                                    | Proprietary                         | 10%                                                      | 1E-05%                                                   |            |     |        |
| ClO2                                                                                                                                               | Bosque                                                                                                                                     | Biocide                                                                                                                                         | Chlorine Dioxide                                              | 10049-04-4                          | 100%                                                     | 7E-05%                                                   |            |     |        |
| Ingredients Listed Below This Line Are Part of the                                                                                                 |                                                                                                                                            |                                                                                                                                                 | Alkane                                                        | Proprietary                         | 0%                                                       | 0%                                                       |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Ethylenediaminetetraacetic acid, tetrasodium salt             | 64-02-8                             | 0%                                                       | 0%                                                       |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Hydrogen peroxide                                             | 7722-84-1                           | 0%                                                       | 0%                                                       |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Nitrotriactic acid, trisodium salt monohydrate                | 5064-31-3                           | 0%                                                       | 0%                                                       |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Sodium bicarbonate                                            | 144-55-8                            | 0%                                                       | 0%                                                       |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Sodium glycolate                                              | 2836-32-0                           | 0%                                                       | 0%                                                       |            |     |        |
|                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                 | Sodium hydroxide                                              | 1310-73-2                           | 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:    Skipper Herring                                        |                                                                                                                                            | Manager Stimulation<br>Title:    Operations                                                                                                     |                                                               |                                     |                                                          |                                                          |            |     |        |
| Date:                      11/20/2014                                                                                                              |                                                                                                                                            |                                                                                                                                                 |                                                               |                                     |                                                          |                                                          |            |     |        |
| E-mail Address:                      sherring@cimarex.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.