

|  |   |  |  |                                     |  |  |                              |  |  |
|--|---|--|--|-------------------------------------|--|--|------------------------------|--|--|
| Submit within 45 days of well completion   | <div>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</div> | Revised November 6, 2013   |  |                                     |  |  |                              |  |  |
|  |   | 1. WELL API NO:<br>30-025-42818  |  |                                     |  |  |                              |  |  |
|  |   | 2. Well Name:<br>PAN HEAD FEE #013H  |  |                                     |  |  |                              |  |  |
|  |   | 3. Well Number:<br>013H  |  |                                     |  |  |                              |  |  |
| <div>HYDRAULIC FRACTURING FLUID<br/>DISCLOSURE</div> <div><input checked="" type="checkbox"/> Original</div> <div><input type="checkbox"/> Amendment</div> |   | 4. Surface Hole Location:<br>Unit:C    Lot:C    Section:11    Township:17S    Range:32E<br>Feet from:245    N/S Line:N<br>Feet from:1770    E/W Line:W |  |                                     |  |  |                              |  |  |
|  |   | 5. Bottom Hole Location:<br>Unit:C    Lot:C    Section:11    Township:17S    Range:32E<br>Feet from:245    N/S Line:N<br>Feet from:1770    E/W Line:W  |  |                                     |  |  |                              |  |  |
|  |   | 6. latitude:    longitude:<br>32.85553845    -103.73942539   |  |                                     |  |  |                              |  |  |
|  |   | 7. County:<br>Lea  |  |                                     |  |  |                              |  |  |
| 8. Operator Name and Address:<br>COG OPERATING LLC<br>One Concho Center<br>600 W. Illinois Ave<br>Midland 79701  |   | 9. OGRID:    229137  | 10. Phone Number:    432-685-4332  |                                     |  |  |                              |  |  |
| 11. Last Fracture Date:    6/27/2016    Frac Performed by:    Halliburton  |   | 12. Production Type:<br>O  |  |                                     |  |  |                              |  |  |
| 13. Pool Code(s):<br>44500   |   | 14. Gross Fractured Interval:<br>6,055 ft to 11,679 ft   |  |                                     |  |  |                              |  |  |
| 15. True Vertical Depth (TVD):<br>5,882 ft   |   | 16. Total Volume of Fluid Pumped:<br>4,791,909 gals  |  |                                     |  |  |                              |  |  |
| 17. Total Volume of Re-Use Water Pumped:<br>0 gals   |   | 18. Percent of Re-Use Water in Fluid Pumped:<br>%  |  |                                     |  |  |                              |  |  |
| 19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:   |   |  |  |                                     |  |  |                              |  |  |
| Trade Name   | Supplier  | Purpose  | Ingredients  | (CAS #) Chemical Abstract Service # | Maximum Ingredient Concentration in Additive (% by mass) | Maximum Ingredient Concentration in HF Fluid (% by mass) |                              |  |  |
| Fresh Water  | Operator  | Base Fluid   | Water  | 7732-18-5                           | 100%   | 88.65588%  |                              |  |  |
| DCA-23003  | Halliburton   | Friction Reducer   | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| FDP-S1226-15   | Halliburton   | Surfactant   | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| FE-1A ACIDIZING COMPOSITION  | Halliburton   | Additive   | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| FE-2A  | Halliburton   | Additive   | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| HAI-OS ACID INHIBITOR  | Halliburton   | Corrosion Inhibitor  | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| HYDROCHLORIC ACID  | Halliburton   | Solvent  | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| OptiKleen-WF(TM)   | Halliburton   | Concentrate  | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| PROP-CERAMIC 40/70   | Halliburton   | Proppant   | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| SAND-COMMON WHITE-100 MESH, SSA-2  | Halliburton   | Proppant   | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| SAND-PREMIUM WHITE-40/70   | Halliburton   | Proppant   | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| Scalechek(R) SCP-2 Scale Inhibitor   | Halliburton   | Scale Preventer  | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| CAT106SI   | Catalyst Oilfield Services, LLC   | Scale Inhibitor  | Listed Below   | Listed Below                        | 0%   | 0%   |                              |  |  |
| MSDS and Non-MSDS Ingredients are listed below the   |   |  |  |                                     | 0%   | 0%   |                              |  |  |
| Ingredients  | Listed Above  | Listed Above   | Acetic acid  | 64-19-7                             | 60%  | 0.01169%   |                              |  |  |
|  |   |  | Acetic anhydride   | 108-24-7                            | 100%   | 0.01948%   |                              |  |  |
|  |   |  | Acrylamide   | 79-06-1                             | 0.01%  | 0%   |                              |  |  |
|  |   |  | Acrylamide, sodium acrylate polymer  | 25987-30-8                          | 30%  | 0.02611%   |                              |  |  |
|  |   |  | Alcohols, C12-13, ethoxylated  | 66455-14-9                          | 30%  | 0.0134%  |                              |  |  |
|  |   |  | Alcohols, C12-16, ethoxylated  | 68551-12-2                          | 5%   | 0.00223%   |                              |  |  |
|  |   |  | Aluminum Silicate  | 1302-76-7                           | 100%   | 1.11052%   |                              |  |  |
|  |   |  | Citric acid  | 77-92-9                             | 60%  | 0.01213%   |                              |  |  |
|  |   |  | Crystalline silica, cristobalite   | 14464-46-1                          | 30%  | 0.33316%   |                              |  |  |
|  |   |  | Crystalline silica, quartz   | 14808-60-7                          | 100%   | 9.04%  |                              |  |  |
|  |   |  | Ethoxylated alcohols   | Proprietary                         | 30%  | 0.00216%   |                              |  |  |
|  |   |  | Ethoxylated branched C13 alcohol   | 78330-21-9                          | 5%   | 0.00435%   |                              |  |  |
|  |   |  | Ethylene oxide   | 75-21-8                             | 0.01%  | 0%   |                              |  |  |
|  |   |  | Fatty acids, tall oil  | Proprietary                         | 30%  | 0.00097%   |                              |  |  |
|  |   |  | Glassy calcium magnesium phosphate   | 65997-17-3                          | 100%   | 0.01664%   |                              |  |  |
|  |   |  | Hydrochloric acid  | 7647-01-0                           | 60%  | 1.21309%   |                              |  |  |
|  |   |  | Hydrochloric acid  | 7647-01-0                           | 40%  | 0.01541%   |                              |  |  |
|  |   |  | Hydrotreated light petroleum distillate  | 64742-47-8                          | 30%  | 0.02611%   |                              |  |  |
|  |   |  | Methanol   | 67-56-1                             | 60%  | 0.00193%   |                              |  |  |
|  |   |  | Mullite  | 1302-93-8                           | 100%   | 1.11052%   |                              |  |  |
|  |   |  | Olefins  | Proprietary                         | 5%   | 0.00039%   |                              |  |  |
|  |   |  | Phosponate Compound  | Proprietary                         | 60%  | 0.02311%   |                              |  |  |
|  |   |  | Propargyl alcohol  | 107-19-7                            | 10%  | 0.00032%   |                              |  |  |
|  |   |  | Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide  | 68527-49-1                          | 30%  | 0.00097%   |                              |  |  |
|  |   |  | Silica, amorphous - fumed  | 7631-86-9                           | 30%  | 0.33316%   |                              |  |  |
|  |   |  | Sorbitan, mono-9-octadecenoate, (Z)  | 1338-43-8                           | 5%   | 0.00435%   |                              |  |  |
|  |   |  | Sodium diacetate   | 126-96-5                            | 5%   | 0.00435%   |                              |  |  |
|  |   |  | Sodium perborate tetrahydrate  | 10486-00-7                          | 100%   | 0.00942%   |                              |  |  |
|  |   |  | Sorbitan monooleate polyoxyethylene derivative   | 9005-65-6                           | 5%   | 0.00435%   |                              |  |  |
|  |   |  | Water  | 7732-18-5                           | 100%   | 2.16169%   |                              |  |  |
|  |   |  | 20. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief. |                                     |  |  |                              |  |  |
|  |   |  | Signature:    Signed Electronically  |                                     | Printed Name:    Kanicia Carrillo                        |  | Title:    Regulatory Analsyt |  |  |
|  |   |  | Date:    9/2/2016  |                                     |  |  |                              |  |  |
|  |   |  | E-mail Address:    kcarrillo@conchoresources.com   |                                     |  |  |                              |  |  |

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.