

Submit within 45 days of well completion

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Revised November 6, 2013

1. WELL API NO:  
30-025-43037

2. Well Name:  
FASCINATOR FEE #001H

3. Well Number:  
001H

HYDRAULIC FRACTURING FLUID  
DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:  
Unit:P    Lot:P    Section:30    Township:24S    Range:35E  
Feet from:210    N/S Line:S  
Feet from:1090    E/W Line:E

6. Bottom Hole Location:  
Unit:I    Lot:I    Section:19    Township:24S    Range:35E  
Feet from:2553    N/S Line:S  
Feet from:407    E/W Line:E

6. Latitude:    32.18148957    longitude:    -103.4015663

7. County:    Lea

8. Operator Name and Address:  
COG OPERATING LLC  
One Concho Center  
600 W. Illinois Ave  
Midland 79701

9. OGRID:    229137

10. Phone Number:    432-685-4332

11. Last Fracture Date:    12/30/2016    Frac Performed by:    Halliburton

12. Production Type:  
O

13. Pool Code(s):  
98098

14. Gross Fractured Interval:  
12,708 ft to 20,020 ft

15. True Vertical Depth (TVD):  
12,571 ft

16. Total Volume of Fluid Pumped:  
14,477,943 gals

17. Total Volume of Re-Use Water Pumped:  
N/A

18. Percent of Re-Use Water in Fluid Pumped:  
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          | Water   | 7732-18-5                           | 100%   | 88.40633%  |
| Cia-Web(TM) II                                     | Halliburton              | Clay Stabilizer     | Listed Below  | Listed Below                        | 0%   | 0%   |
| DCA-23003  | Halliburton              |                     | Listed Below  | Listed Below                        | 0%   | 0%   |
| FDP-S1225-15                                       | Halliburton              |                     | Listed Below  | Listed Below                        | 0%   | 0%   |
| HAI-OS ACID INHIBITOR                              | Halliburton              | Corrosion Inhibitor | Listed Below  | Listed Below                        | 0%   | 0%   |
| HCL >10%   | Halliburton              | Solvent             | Listed Below  | Listed Below                        | 0%   | 0%   |
| OptiKleen-WF(TM)                                   | Halliburton              | Concentrate         | Listed Below  | Listed Below                        | 0%   | 0%   |
| SAND-COMMON WHITE-100 MESH, SSA-2, BULK (100003676 | Halliburton              | Proppant            | Listed Below  | Listed Below                        | 0%   | 0%   |
| SAND-PREMIUM WHITE-40/70, BULK                     | Halliburton              | Proppant            | Listed Below  | Listed Below                        | 0%   | 0%   |
| Scalechek(R) SCP-2 Scale Inhibitor                 | Halliburton              | Scale Preventer     | Listed Below  | Listed Below                        | 0%   | 0%   |
| ACS 100  | Aegis Chemical Solutions | Biocide             | Listed Below  | Listed Below                        | 0%   | 0%   |
| ACS 200  | Aegis Chemical Solutions | Biocide             | Listed Below  | Listed Below                        | 0%   | 0%   |
| ACS 300  | Aegis Chemical Solutions | Biocide             | Listed Below  | Listed Below                        | 0%   | 0%   |
| Parasorb 5000                                      | Baker Hughes             | Additive            | Listed Below  | Listed Below                        | 0%   | 0%   |
| Scaletrol 720                                      | Baker Hughes             | Scale Inhibitor     | Listed Below  | Listed Below                        | 0%   | 0%   |
| MSDS and Non-MSDS Ingredients are listed below the |                          |                     |   |                                     | 0%   | 0%   |
| Ingredients  | Listed Above             | Listed Above        | Amine   | Proprietary                         | 0.1%   | 5E-05%   |
|  |                          |                     | Amine salts   | Proprietary                         | 1%   | 0.00055%   |
|  |                          |                     | Ammonium compound   | Proprietary                         | 30%  | 0.01489%   |
|  |                          |                     | Calcium chloride (CaCl2)  | 10043-52-4                          | 5%   | 0.00118%   |
|  |                          |                     | Chlorine compound   | Proprietary                         | 30%  | 0.01489%   |
|  |                          |                     | Chlorine dioxide  | 10049-04-4                          | 0.4%   | 2E-05%   |
|  |                          |                     | Crystalline silica, quartz  | 14808-60-7                          | 100%   | 10.98214%  |
|  |                          |                     | Crystalline silica: Quartz (SiO2)   | 14808-60-7                          | 1%   | 7E-05%   |
|  |                          |                     | Diatomaceous earth, calcined  | 91053-39-3                          | 60%  | 0.0042%  |
|  |                          |                     | Ethoxylated alcohols  | Proprietary                         | 30%  | 0.00024%   |
|  |                          |                     | Ethylene glycol   | 107-21-1                            | 30%  | 0.00707%   |
|  |                          |                     | Fatty acids, tall oil   | Proprietary                         | 30%  | 0.00024%   |
|  |                          |                     | Glassy calcium magnesium phosphate  | 65997-17-3                          | 100%   | 0.0165%  |
|  |                          |                     | Hydrochloric acid   | 7647-01-0                           | 30%  | 0.14701%   |
|  |                          |                     | Hydrochloride Acid [Hydrogen Chloride]  | 7647-01-0                           | 36%  | 0.00141%   |
|  |                          |                     | Methanol  | 67-56-1                             | 60%  | 0.00048%   |
|  |                          |                     | Mineral oil   | 8042-47-5                           | 30%  | 0.0021%  |
|  |                          |                     | NFIDB:DCA-23003   | CAS Not Assigned                    | 100%   | 0%   |
|  |                          |                     | NFIDB:FDP-S1225-15  | CAS Not Assigned                    | 100%   | 0%   |
|  |                          |                     | Olefins   | Proprietary                         | 5%   | 0.0001%  |
|  |                          |                     | Propargyl alcohol   | 107-19-7                            | 10%  | 8E-05%   |
|  |                          |                     | Quaternary amine  | Proprietary                         | 1%   | 0.00099%   |
|  |                          |                     | Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide | 68527-49-1                          | 30%  | 0.00024%   |
|  |                          |                     | Sodium chloride   | 7647-14-5                           | 1%   | 0.0005%  |
|  |                          |                     | Sodium Chloride   | 7647-14-5                           | 10%  | 0.00038%   |
|  |                          |                     | Sodium Hydroxide  | 1310-73-2                           | 2%   | 8E-05%   |
|  |                          |                     | Sodium Hypochlorite   | 7681-52-9                           | 12.5%  | 0.00048%   |
|  |                          |                     | Sodium perborate tetrahydrate   | 10486-00-7                          | 100%   | 0.01165%   |
|  |                          |                     | Water   | 7732-18-5                           | 100%   | 0.55278%   |

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:    5/3/2017

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.