

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:  
30-015-41608

2. Well Name:  
HONEY GRAHAM STATE COM #005H

3. Well Number:  
005H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:  
Unit:A Lot:A Section:29 Township:26S Range:28E  
Feet from:190 N/S Line:N  
Feet from:820 E/W Line:E

5. Bottom Hole Location:  
Unit:H Lot:4 Section:32 Township:26S Range:28E  
Feet from:343 N/S Line:S  
Feet from:734 E/W Line:E

6. latitude:  
32.0199692765948 longitude:  
-104.103452942662

7. County:  
Eddy

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:  
2/27/2014 Frac Performed by: Halliburton

12. Production Type:  
O

13. Pool Code(s):  
30215

14. Gross Fractured Interval:  
8,063 ft to 14,535 ft

15. True Vertical Depth (TVD):  
7,832 ft

16. Total Volume of Fluid Pumped:  
6,894,610 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    |                     |                                                                                               |                                     | 100%                                                     | 84.55193%                                                |
| FE ACID - <10% HCL                                 | Halliburton |                     | Hydrochloric acid                                                                             | 7647-01-0                           | 10%                                                      | 0.15868%                                                 |
| PREMIUM WHITE - 20/40                              | Halliburton | Proppant            | Crystalline silica, quartz                                                                    | 14808-60-7                          | 100%                                                     | 10.80615%                                                |
| CRC-20/40                                          | Halliburton | Proppant            | Crystalline silica, quartz                                                                    | 14808-60-7                          | 100%                                                     | 2.62974%                                                 |
|                                                    |             |                     | Hexamethylenetetramine                                                                        | 100-97-0                            | 2%                                                       | 0.05259%                                                 |
|                                                    |             |                     | Phenol / formaldehyde resin                                                                   | 9003-35-4                           | 5%                                                       | 0.13149%                                                 |
| Hph BREAKER                                        | Halliburton | Breaker             | Sodium chloride                                                                               | 7647-14-5                           | 30%                                                      | 5E-05%                                                   |
| BC-140 X2                                          | Halliburton | Initiator           | Ethylene glycol                                                                               | 107-21-1                            | 30%                                                      | 0.00761%                                                 |
|                                                    |             |                     | Monoethanolamine borate                                                                       | 26038-87-9                          | 100%                                                     | 0.02538%                                                 |
| SUPERSET W                                         | Halliburton | Activator           | Methanol                                                                                      | 67-56-1                             | 60%                                                      | 0.03535%                                                 |
|                                                    |             |                     | Ethoxylated nonylphenol                                                                       | Confidential Business Information   | 60%                                                      | 0.03535%                                                 |
| CLA-STA XP ADDITIVE                                | Halliburton | Clay Stabilizer     | Polypichlorohydrin, trimethyl amine quaternized                                               | 51838-31-4                          | 60%                                                      | 0.00629%                                                 |
| BE-9                                               | Halliburton | Biocide             | Tributyl tetradecyl phosphonium chloride                                                      | 81741-26-8                          | 10%                                                      | 0.00412%                                                 |
| LoSurf-360W                                        | Halliburton | Surfactant          | Complex alkylamine                                                                            | Confidential Business Information   | 5%                                                       | 0.00218%                                                 |
|                                                    |             |                     | Glycerine                                                                                     | 56-81-5                             | 10%                                                      | 0.00436%                                                 |
|                                                    |             |                     | Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-                                   | 61827-42-7                          | 30%                                                      | 0.01309%                                                 |
| Cla-Web™                                           | Halliburton | Additive            | Ammonium salt                                                                                 | Confidential Business Information   | 60%                                                      | 0.02799%                                                 |
| MO-67                                              | Halliburton | pH Control Additive | Sodium hydroxide                                                                              | 1310-73-2                           | 30%                                                      | 0.00339%                                                 |
| LP-65                                              | Halliburton | Scale Inhibitor     | Ammonium chloride                                                                             | 12125-02-9                          | 10%                                                      | 0.0025%                                                  |
| OPTIFLO-HTE                                        | Halliburton | Breaker             | Crystalline silica, quartz                                                                    | 14808-60-7                          | 30%                                                      | 0.00167%                                                 |
|                                                    |             |                     | Walnut hulls                                                                                  | Mixture                             | 100%                                                     | 0.00558%                                                 |
| Scalechek® SCP-2 Scale Inhibitor                   | Halliburton | Scale Preventer     | Glassy calcium magnesium phosphate                                                            | 65997-17-3                          | 100%                                                     | 0.01469%                                                 |
| SALT                                               | Halliburton | Additive            | Sodium chloride                                                                               | 7647-14-5                           | 100%                                                     | 0.01469%                                                 |
| WG-36 GELLING AGENT                                | Halliburton | Gelling Agent       | Guar gum                                                                                      | 9000-30-0                           | 100%                                                     | 0.12772%                                                 |
| Ingredients Listed Below This Line Are Part of the |             |                     | 1,2-Benzisothiazolin-3-one                                                                    | 2634-33-5                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | 2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt | 915-67-3                            | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Acetic acid                                                                                   | 64-19-7                             | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Acetic anhydride                                                                              | 108-24-7                            | 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%                                                       |
|                                                    |             |                     | C.I. Pigment Red 5                                                                            | 6410-41-9                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Calcium chloride                                                                              | 10043-52-4                          | 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%                                                       |
|                                                    |             |                     | Cured acrylic resin                                                                           | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Enzyme                                                                                        | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Enzyme                                                                                        | Confidential Business Information   | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Ethylenediaminetetraacetic acid, tetrasodium salt                                             | 64-02-8                             | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Formaldehyde                                                                                  | 50-00-0                             | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Hydrogen peroxide                                                                             | 7722-84-1                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Nitrotriacetic acid, trisodium salt monohydrate                                               | 5064-31-3                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Organic phosphonate                                                                           | Confidential Business Information   | 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 chloride                                                                               | 7647-14-5                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Sodium glycollate                                                                             | 2836-32-0                           | 0%                                                       | 0%                                                       |
|                                                    |             |                     | Sodium hydroxide                                                                              | 1310-73-2                           | 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: 5/13/2014

E-mail Address: sdavis@conchoresources.com

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