

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. 30-015-43811  
2. Well Name: GRAHAM NASH FEDERAL COM #007H  
3. Well Number: 007H

4. Surface Hole Location: Unit:N Lot:N Section:21 Township:26S Range:28E Feet from:200 N/S Line:S Feet from:1550 E/W Line:W  
5. Bottom Hole Location: Unit:2 Lot:2 Section:33 Township:26S Range:28E Feet from:208 N/S Line:S Feet from:1938 E/W Line:W  
6. latitude: 32.02121581 longitude: -104.0960212  
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: 3/30/2017 Frac Performed by: Halliburton  
12. Production Type: O

13. Pool Code(s): 30215  
14. Gross Fractured Interval: 8,198 ft to 15,025 ft

15. True Vertical Depth (TVD): 7,899 ft  
16. Total Volume of Fluid Pumped: 8,891,638 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%	87.28692%
BC-140 X2	Halliburton	Initiator	Listed Below	Listed Below	0%	0%
Cla-Web(TM) II	Halliburton	Clay Stabilizer	Listed Below	Listed Below	0%	0%
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%
MO-67	Halliburton	pH Control Additive	Listed Below	Listed Below	0%	0%
N-Zyme 3	Halliburton	Enzyme	Listed Below	Listed Below	0%	0%
OPTIFLO-HTE	Halliburton	Breaker	Listed Below	Listed Below	0%	0%
OptiKleen-WF(TM)	Halliburton	Concentrate	Listed Below	Listed Below	0%	0%
SAND-CRC PREMIUM-16/30, 100 LB SACK	Halliburton	Proppant	Listed Below	Listed Below	0%	0%
SAND-PREMIUM WHITE-20/40, BULK	Halliburton	Proppant	Listed Below	Listed Below	0%	0%
Scalechek(R) SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Listed Below	Listed Below	0%	0%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Listed Below	Listed Below	0%	0%
Scaletrol	Baker Hughes	Scale Inhibitor	Listed Below	Listed Below	0%	0%
ACS 100	BRENNTAG	Biocide	Listed Below	Listed Below	0%	0%
ACS 200	BRENNTAG SOUTHWEST Inc	Biocide	Listed Below	Listed Below	0%	0%
ACS 300	Occidental Chemical Corporation	Biocide	Listed Below	Listed Below	0%	0%
MSDS and Non-MSDS Ingredients are listed below the					0%	0%
Ingredients	Listed Above	Listed Above	1,2-Benzisothiazolin-3-one 2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfur-1-naphthalenyl)azo]-, trisodium salt Acetic acid Acetic anhydride Acrylamide Acrylamide, sodium acrylate polymer Alcohols, C12-13, ethoxylated Alcohols, C12-16, ethoxylated Amine Amine salts Ammonium compound C.I. Pigment Red 5 Calcium Chloride Chlorine compound Citric acid Crystalline silica, quartz Cured acrylic resin Enzyme Ethoxylated alcohols Ethoxylated branched C13 alcohol Ethylene glycol Ethylene Glycol Ethylene oxide Fatty acids, tall oil FD&C Blue 1 Glassy calcium magnesium phosphate Glycerine Glycosidase Guar gum Hexamethylenetetramine Hydrogen Chloride Hydrotreated light petroleum distillate Methanol Monoethanolamine borate Olefins Phenol / formaldehyde resin Propargyl alcohol Quaternary amine Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide Sorbitan, mono-9-octadecenoate, (Z) Sodium chloride Sodium Chloride Sodium Chlorite Sodium diacetate Sodium hydroxide Sodium Hydroxide Sodium Hypochlorite Sodium perborate tetrahydrate Sorbitan monooleate polyoxyethylene derivative Walnut hulls Water	2634-33-5 915-67-3 64-19-7 108-24-7 79-06-1 25987-30-8 66455-14-9 68551-12-2 Proprietary Proprietary Proprietary 6410-41-9 10043-52-4 Proprietary 77-92-9 14808-60-7 Proprietary Proprietary Proprietary 78330-21-9 107-21-1 107-21-1 75-21-8 Proprietary 3844-45-9 65997-17-3 56-81-5 9032-92-2 9000-30-0 100-97-0 7647-01-0 64742-47-8 67-56-1 26038-87-9 Proprietary 9003-35-4 107-19-7 Proprietary 68527-49-1 1338-43-8 7647-14-5 7647-14-5 7758-19-2 126-96-5 1310-73-2 1310-73-2 7681-52-9 10486-00-7 9005-65-6 Proprietary 7732-18-5	0.1% 0.1% 60% 100% 0.01% 30% 30% 5% Proprietary Proprietary Proprietary 1% 5% 30% 100% 30% 5% 30% 5% 30% 30% 0.01% Proprietary 5% 100% 5% 10% Proprietary 30% 5% 1% 35% 5% 30% 2% 13% 100% 5% 100% 100%	0% 0% 0.00219% 0.00365% 0% 0.00977% 0.01325% 0.00221% 5E-05% 0.00052% 0.01407% 4E-05% 0.00127% 0.01407% 0.00227% 12.36333% 0.00136% 0.00022% 0.00036% 0.00163% 0.00814% 0.0076% 0% 0.0036% 1E-05% 0.01585% 0.00013% 1E-05% 0.11916% 0.04884% 0.00055% 0.00977% 0.00072% 0.02713% 0.00014% 0.1221% 0.00012% 0.00094% 0.00036% 0.00163% 0.00111% 0.00293% 0.00163% 0.00126% 0.0014% 0.0009% 0.00355% 0.00163% 0.00439% 0.14042%

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: 6/1/2017

E-mail Address: sdavis@conchoresources.com

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