

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:
30-025-43022

2. Well Name:
CABO BLANCO STATE #009H

3. Well Number:
009H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:A Lot:1 Section:5 Township:24S Range:33E
Feet from:450 N/S Line:N
Feet from:1165 E/W Line:E

5. Bottom Hole Location:
Unit:P Lot:P Section:5 Township:24S Range:33E
Feet from:361 N/S Line:S
Feet from:1156 E/W Line:E

6. latitude: longitude:
32.252567 -103.58909

7. County:
Lea

8. Operator Name and Address:
COG PRODUCTION, LLC
600 W. Illinois Ave
Midland 79701

9. OGRID: 217955

10. Phone Number: 432-685-4372

11. Last Fracture Date: 5/1/2016 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
96674

14. Gross Fractured Interval:
9,724 ft to 13,760 ft

15. True Vertical Depth (TVD):
9,657 ft

16. Total Volume of Fluid Pumped:
9,371,055 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	Fresh Water	7732-18-5	100%	90.01448%
HCl > 10%	Halliburton	Solvent	NA	NA	0%	0%
ClaWeb II, DCA-23003, HAI-OS ACID INHIBITOR, LOSUR	Halliburton	Breaker, Clay Stabilizer, Concentrate, Corrosion Inhibitor, Enzyme, Friction Reducer, Gelling Agent,	NA	NA	0%	0%
Parasorb, Scaletrol	Baker Hughes	Clay Control, Scale Inhibitor	NA	NA	0%	0%
Scalesorb	Baker Petrolite	Scale Inhibitor	NA	NA	0%	0%
ClaWeb II, DCA-23003, Nzyme 3	Halliburton	Breaker, Clay Control, Friction Reducer	NA 1,2-Benzisothiazolin-3-one Acrylamide Acrylamide, sodium acrylate polymer Alcohols, C14-C15, ethoxylated Alkane Amine Amine salts Ammonium compound Bentonite, benzy(l)(hydrogenated tallow alkyl) dimethylammonium stearate complex C.I. Pigment Red 5 Calcium Chloride Chlorine compound Complex alkylamine Crystalline silica, quartz Crystalline Silica, Quartz Crystalline Silica, Quartz Cured acrylic resin Diatomaceous Earth Enzyme Enzyme Ethoxylated branched C13 alcohol Ethylene Glycol Ethylenediaminetetraacetic acid, tetrasodium salt Fatty acids, tall oil FD&C Blue 1 Glycerine Guar gum Hydrochloric acid Hydrotreated light petroleum distillate Methanol Mineral Oil Olefins Organophosphorous Salt Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy- Propargyl alcohol Quaternary amine Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide Silica gel Sorbitan, mono-9-octadecenoate, (Z) Sodium bicarbonate Sodium chloride Sodium diacetate Sodium perborate tetrahydrate Sorbitan monooleate polyoxyethylene derivative Surfactant mixture Walnut hulls Water	2634-33-5 79-06-1 25987-30-8 68951-67-7 Confidential Confidential Confidential Confidential 121888-68-4 6410-41-9 10043-52-4 Confidential Proprietary 14808-60-7 14808-60-7 14808-60-7 Confidential 91053-39-3 Confidential Confidential 78330-21-9 107-21-1 64-02-8 Confidential 3844-45-9 56-81-5 9000-30-0 7647-01-0 64742-47-8 67-56-1 8042-47-5 Confidential Proprietary 61827-42-7 107-19-7 Confidential 68527-49-1 112926-00-8 1338-43-8 144-55-8 7647-14-5 126-96-5 10486-00-7 9005-65-6 Confidential NA 7732-18-5	0% 0% 0.1% 30% 30% 1% 0% 0.1% 30% 5% 1% 5% 30% 0.1% 1% 30% 65% 5% 5% 5% 30% 0.01% 30% 5% 60% 100% 30% 30% 60% 30% 5% 40% 30% 10% 1% 30% 1% 5% 1% 100% 100%	0% 0% 0% 0.02748% 0.00021% 0.00045% 5E-05% 0.00053% 0.01442% 0.00067% 0% 0.00134% 0.01442% 0.00227% 9.32735% 1E-05% 0.00012% 9E-05% 0.0073% 2E-05% 0% 0.00458% 0.00806% 0% 0.00021% 0% 3E-05% 0.01349% 0.12264% 0.02748% 0.00041% 0.00112% 8E-05% 0.00311% 0.01364% 7E-05% 0.00096% 0.00021% 0.00014% 0.00458% 0% 0% 0.00458% 0.01001% 0.00458% 0.00027% 0.0003% 0.55875%

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

Senior Regulatory

Date: 6/10/2016 Title: Analyst

E-mail Address: sdavis@concho.com

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