

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.
30-025-42517

2. Well Name:
MACHO NACHO STATE COM #008H

3. Well Number:
008H

4. Surface Hole Location:
Unit:N Lot:N Section:7 Township:24S Range:33E
Feet from:190 N/S Line:S
Feet from:1960 E/W Line:W

5. Bottom Hole Location:
Unit:C Lot:C Section:7 Township:24S Range:33E
Feet from:232 N/S Line:N
Feet from:2052 E/W Line:W

6. latitude:
32.2254930447899 longitude:
-103.613435033139

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:
2/19/2016 Frac Performed by:
Halliburton

12. Production Type:
O

13. Pool Code(s):
96674

14. Gross Fractured Interval:
9,663 ft to 14,015 ft

15. True Vertical Depth (TVD):
9,516 ft

16. Total Volume of Fluid Pumped:
8,257,542 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%	88.29299%
HYDROCHLORIC ACID	Halliburton	Base Fluid	NA	NA	0%	0%
BE-9W, FE-1A ACIDIZING COMPOSITION, FE-2A, FR-66,	Halliburton	Additive, Biocide, Breaker, Concentrate, Corrosion Inhibitor, Friction Reducer, Gelling Agent, Propp	NA	NA	0%	0%
Parasorb 5000, Scaletrol	Baker Hughes	Paraffin Inhibitor, Scale Inhibitor	NA	NA	0%	0%
Scalesorb 12	Baker Petrolite	Scale Inhibitor	NA Acetic acid Acetic anhydride Alcohols ethoxylated Alcohols, C14-C15, ethoxylated Alkane Amide Ammonium chloride Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex C.I. Pigment Red 5 Calcium chloride Citric acid Complex alkylamine Crystalline silica, quartz Crystalline Silica, Quartz Crystalline silica: Quartz Cured acrylic resin Diatomaceous earth, calcined Enzyme Ethylene glycol Ethylenediaminetetraacetic acid, tetrasodium salt Fatty acids, tall oil Guar gum Hydrochloric acid Hydrotreated light petroleum distillate Methanol Mineral oil NFIDB:N-Zyme 1%Sol NFIDB:N-Zyme 1%Sol Olefins Organophosphorous salt Poly(oxy-1,2-ethanediyl), ,alpha -isodecyl- omega -hydroxy- Polyacrylamide copolymer Propargyl alcohol Propylene glycol Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide Silica gel Sodium bicarbonate Sodium chloride Sodium perborate tetrahydrate Sorbitan monooleate polyoxyethylene derivative Sorbitan, mono-9-octadecenoate, (Z) Surfactant mixture Tributyl tetradecyl phosphonium chloride Walnut hulls Water	NA 64-19-7 108-24-7 Confidential 68951-67-7 Confidential Confidential 12125-02-9 121888-68-4 6410-41-9 10043-52-4 77-92-9 Proprietary 14808-60-7 14808-60-7 14808-60-7 Confidential 91053-39-3 Confidential 107-21-1 64-02-8 Confidential 9000-30-0 7647-01-0 64742-47-8 67-56-1 8042-47-5 NFIDB:N-Zyme 1%Sol Confidential Confidential 61827-42-7 Confidential 107-19-7 57-55-6 68527-49-1 112926-00-8 144-55-8 7647-14-5 10498-00-7 9005-65-6 1338-43-8 Confidential 81741-28-8 NA 7732-18-5	60% 100% 5% 30% 1% 5% 5% 5% 5% 1% 5% 60% 5% 30% 65% 5% 0.01% 30% 100% 80% 30% 60% 30% 30% 100% 1% 0.01% 5% 100% 1% 10% 100% 100%	0.00285% 0.00474% 0.00022% 0.00024% 0.00088% 0.00022% 0.00022% 0.00022% 0.00569% 1E-05% 0.0013% 0.00296% 0.00441% 11.15433% 0.00011% 0.00013% 0.00046% 0.00848% 7E-05% 0.00777% 1E-05% 0.00024% 0.11384% 0.15039% 0.00133% 0.00047% 0.00132% 0% 9E-05% 0.00359% 0.02647% 0.00133% 8E-05% 0.02623% 0.00024% 0.00114% 1E-05% 0.00022% 0.001% 4E-05% 4E-05% 0.00228% 0.00437% 0.00148% 0.38823%

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
Title: Analyst

Date:
4/12/2016

E-mail Address:
sdavis@concho.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.