

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:
30-025-42430

2. Well Name:
STRATOJET 31 STATE COM #008H

3. Well Number:
008H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:M Lot:4 Section:31 Township:20S Range:35E
Feet from:540 N/S Line:S
Feet from:780 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:1 Section:31 Township:20S Range:35E
Feet from:340 N/S Line:N
Feet from:659 E/W Line:W

6. latitude: longitude:
32.523657543 -103.50246979

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: 4/11/2015 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
5535

14. Gross Fractured Interval:
11,325 ft to 15,755 ft

15. True Vertical Depth (TVD):
11,630 ft

16. Total Volume of Fluid Pumped:
33,808 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%	7.98525%
BE-6 MICROBIOCIDE, BE-9, CL-22 UC, CL-31 CROSSLINK	Halliburton	Additive, Biocide, Breaker, Clay Stabilizer, Clay Stabilizer, Corrosion Inhibitor, Crosslinker, Defoam	NA	NA	0%	0%
SCA-130 INHIBITOR, Scalechek(R) SCP-2 Scale Inhibi	Halliburton	pH Control Additive, Proppant, Scale Preventer, Surfactant	NA 2-Bromo-2-nitro-1,3-propanediol Acetaldehyde Acrylate polymer Alcohols, C14-C15, ethoxylated Aldol Alkane Alkenes Amine salts Ammonium persulfate Ammonium salt Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex Borate salts Complex alkylamine Crotonaldehyde Crystalline silica, quartz Crystalline Silica, Quartz Cured acrylic resin Ethylene-diamine-tetraacetic acid, tetrasodium salt Fatty acids, tall oil Glassy calcium magnesium phosphate Guar gum Hexamethylenetetramine Methanol NFIDB:NA NFIDB:Parasorb (TP) Olefins Phenol / formaldehyde resin Poly(oxy-1,2-ethanediyl), ,alpha -isodecyl- omega -hydroxy- Polyepichlorohydrin, trimethyl amine quaternized Polypropylene glycol Potassium formate Potassium hydroxide Potassium metaborate Propargyl alcohol Quaternary amine Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide Silica gel Siloxanes and Silicones, di-Me, reaction products with silica Sodium bicarbonate Sodium carboxymethyl cellulose Sodium chloride Sodium glycolate Sodium hydroxide Sodium persulfate Sodium sulfate Surfactant mixture Tributyl tetradecyl phosphonium chloride Trimethylamine, N-oxide Water	NA 52-51-7 75-07-0 Confidential 68951-87-7 107-89-1 Confidential Confidential Confidential 7727-54-0 Confidential 121888-68-4 Confidential Confidential Proprietary 123-73-9 14808-60-7 14808-60-7 Confidential 64-02-8 Confidential 65997-17-3 9000-30-0 100-97-0 67-56-1 NFIDB:NA NFIDB:Parasorb (TP) Confidential 9003-35-4 61827-42-7 51838-31-4 25322-69-4 590-29-4 1310-58-3 13709-94-9 107-19-7 Confidential 68527-49-1 112926-00-8 67762-90-7 144-55-8 9004-32-4 7647-14-5 2836-32-0 1310-73-2 7775-27-1 7757-82-6 Confidential 81741-28-8 1184-78-7 7732-18-5	0% 100% 5% 1% 30% 60% 1% 100% 0.1% 100% 60% 5% 100% 5% 30% 5% 100% 100% 2% 60% 100% 100% 5% 5% 30% 30% 60% 5% 60% 10% 5% 30% 1% 30% 0.01% 1% 5% 1% 100% 0.1% 1% 10% 5% 100%	0% 0.00068% 0.01084% 0.00206% 0.01473% 0.1301% 0.00416% 0.16444% 0.00091% 0.04248% 0.27223% 0.0751% 0.12339% 0.02078% 0.01084% 18.46135% 0.0015% 0.01274% 4E-05% 0.01473% 0.28321% 1.50205% 0.36897% 0.02946% 69.24811% 0.14585% 0.00589% 0.92242% 0.12467% 0.14503% 0.04933% 0.12339% 0.0049% 0.05877% 0.00491% 0.02768% 0.01473% 0.01502% 0.04933% 4E-05% 0.00206% 0.02562% 0.00206% 0.02635% 0.00874% 1E-05% 0.03004% 0.04024% 0.01209% 1.74536%

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: 7/16/2015

E-mail Address: sdavis@conchoresources.com

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