

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:
30-025-42037

2. Well Name:
STRATOSPHERE 36 STATE COM #006H

3. Well Number:
006H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:36 Township:20S Range:34E
Feet from:190 N/S Line:N
Feet from:330 E/W Line:W

5. Bottom Hole Location:
Unit:M Lot:M Section:36 Township:20S Range:34E
Feet from:342 N/S Line:S
Feet from:670 E/W Line:W

6. latitude:
32.5363083 longitude:
-103.5211792

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:
7/5/2015 Frac Performed by:
Halliburton

12. Production Type:
O

13. Pool Code(s):
5535

14. Gross Fractured Interval:
11,351 ft to 15,600 ft

15. True Vertical Depth (TVD):
11,393 ft

16. Total Volume of Fluid Pumped:
7,086,477 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%	88.47912%
HCl < 10%	Halliburton	Base Fluid	NA	NA	0%	0%
BE-9, CL-28M CROSSLINKER, CL-31 CROSSLINKER, CLA-S	Halliburton	Additive, Biocide, Breaker, Clay Stabilizer, Clay Corrosion Inhibitor, Crosslinker, Defoam	NA	NA	0%	0%
SAND-CRC PREMIUM-30/50, BULK, SAND-CRC PREMIUM-40/	Halliburton	Scale Preventer, Surfactant	NA	NA	0%	0%
Parasorb 5000, Scaletrol 720	Baker Hughes	Scale Inhibitor	NA Alcohols, C14-C15, ethoxylated Alkane Alkenes Amine salts Ammonium persulfate Ammonium salt Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex Borate salts Calcium Chloride Complex alkylamine Crystalline Silica Crystalline silica, quartz Crystalline Silica, Quartz Cured acrylic resin Diatomaceous Earth Ethylene Glycol Ethylenediaminetetraacetic acid, tetrasodium salt Fatty acids, tall oil Glassy calcium magnesium phosphate Guar gum Hexamethylenetetramine Inorganic mineral Methanol Mineral Oil NFIDB:HCl < 10% Olefins Phenol / formaldehyde resin Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy- Polyepichlorohydrin, trimethyl amine quaternized Polymer Polypropylene glycol 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 chloride Sodium hydroxide Sodium persulfate Sodium sulfate Surfactant mixture Tributyl tetradecyl phosphonium chloride Trimethylamine, N-oxide Water	NA 68951-67-7 Confidential Confidential Confidential 7727-34-0 Confidential 121888-68-4 Confidential 10043-52-4 Proprietary 14808-60-7 14808-60-7 14808-60-7 Confidential 91053-39-3 107-21-1 64-02-8 Confidential 65997-17-3 9000-30-0 100-97-0 Confidential 67-56-1 8042-47-5 NFIDB:HCl < 10% Confidential 9003-35-4 61827-42-7 51838-31-4 Proprietary 25322-69-4 1310-58-3 13709-94-9 107-19-7 Confidential 68527-49-1 112926-00-8 67762-90-7 144-55-8 7647-14-5 1310-73-2 7775-27-1 7757-82-6 Confidential 81741-28-8 1184-78-7 7732-18-5	NA 30% 1% 100% 0.1% 100% 60% 5% 60% 5% 100% 2% 5% 60% 30% 100% 2% 5% 5% 5% 30% 100% 60% 10% 5% 30% 1% 30% 5% 30% 100% 0.1% 5% 0.1% 1% 0.1% 5% 10% 1% 5% 100%	0% 0.00088% 0.00045% 0.00606% 0.0001% 0.00496% 0.02897% 0.00614% 0.01229% 0.00132% 0.00224% 8E-05% 10.19703% 0.00018% 0.00149% 0.005% 0.00789% 0% 0.00088% 0.01643% 0.16273% 0.19067% 0.00102% 0.00177% 0.0025% 0.90567% 0.00035% 0.47668% 0.01344% 0.01136% 0.0002% 0.00182% 0.00035% 0.00415% 0.00029% 0.00294% 0.00088% 0.00163% 0.00182% 0% 0.00251% 0.00301% 0.00043% 0% 0.00325% 0.00431% 0.00095% 0.15957%

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:
8/24/2015

E-mail Address:
sdavis@conchoresources.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.