

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:
30-025-42036

2. Well Name:
STRATOSPHERE 36 STATE COM #005H

3. Well Number:
005H

4. Surface Hole Location:
Unit: C Lot: C Section: 36 Township: 20S Range: 34E
Feet from: 180 N/S Line: N
Feet from: 2200 E/W Line: W

5. Bottom Hole Location:
Unit: N Lot: N Section: 36 Township: 20S Range: 34E
Feet from: 338 N/S Line: S
Feet from: 2019 E/W Line: W

6. latitude: longitude:
32.5363083 -103.5151062

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: 9/4/2015 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
5535

14. Gross Fractured Interval:
11,432 ft to 15,765 ft

15. True Vertical Depth (TVD):
11,444 ft

16. Total Volume of Fluid Pumped:
6,977,488 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%	88.46384%
HCl < 10%	Halliburton	Base Fluid	NA	NA	0%	0%
BE-9, CL-28M CROSSLINKER, CL-31 CROSSLINKER, Cla-W	Halliburton	Additive, Biocide, Breaker, Concentrate, Corrosion Inhibitor, Crosslinker, Friction Reducer, Gelling	NA	NA	0%	0%
SAND-CRC-30/50, BULK SAND-PREMIUM WHITE-40/70, BU	Halliburton	Scale Preventer, Surfactant	NA	NA	0%	0%
Parasorb 5000, Scaletrol	Baker Hughes	Paraffin Inhibitor, Scale Inhibitor	NA Acetic acid Acetic anhydride Alcohols ethoxylated Alcohols, C14-C15, ethoxylated Alkane Amide Amine salts Ammonium chloride Ammonium persulfate Ammonium salt Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex Borate salts Calcium chloride Citric acid Complex alkylamine Crystalline silica, quartz Crystalline Silica, Quartz Crystalline silica: Quartz (SiO2) Cured acrylic resin Diatomaceous earth, calcined Ethylene glycol Ethylenediaminetetraacetic acid, tetrasodium salt Fatty acids, tall oil Glassy calcium magnesium phosphate Guar gum Hexamethylenetetramine Hydrotreated light petroleum distillate Inorganic mineral Methanol Mineral oil NFIDB:HCl < 10% Olefine Phenol / formaldehyde resin Poly(oxy-1,2-ethanediy)l, alpha -isodecyl- omega -hydroxy- Polyacrylamide copolymer Polymer Potassium hydroxide Potassium metaborate Sodium perborate tetrahydrate Sodium persulfate Sodium sulfate Sorbitan monooleate polyoxyethylene derivative Sorbitan, mono-9-octadecenoate, (Z) Surfactant mixture Tributyl tetradecyl phosphonium chloride Water	NA 64-19-7 108-24-7 Confidential 68951-67-7 Confidential Confidential Confidential 12125-02-9 7727-54-0 Confidential 121888-68-4 Confidential 10043-52-4 77-92-9 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 64742-47-8 Confidential 67-56-1 8042-47-5 Confidential 9003-35-4 61827-42-7 Confidential Proprietary 1310-58-3 13709-94-9 107-19-7 Confidential 68527-49-1 112926-00-8 144-55-8 7647-14-5 1310-73-2 10486-00-7 7775-27-1 7757-82-6 9005-65-6 1338-43-8 Confidential 81741-28-8 7732-18-5	0% 60% 100% 5% 30% 1% 5% 0.1% 5% 100% 60% 5% 60% 60% 5% 100% 2% 30% 5% 60% 30% 0.01% 30% 100% 100% 5% 60% 30% 100% 100% 0.1% 5% 30% 1% 30% 1% 10% 5% 30% 1% 1% 5% 30% 100% 100% 0.1% 5% 1% 1% 5% 1% 10% 100%	0% 0.005% 0.00833% 0.00074% 0.00023% 0.00045% 0.00074% 0.0001% 0.00074% 0.00411% 0.02922% 0.00536% 0.01246% 0.00131% 0.0064% 0.00223% 10.25974% 0.00011% 9E-05% 0.00123% 0.00515% 0.00784% 0% 0.00023% 0.01658% 0.10723% 0.14899% 0.00444% 0.00104% 0.00046% 0.00258% 0.89636% 9E-05% 0.3726% 0.01338% 0.00444% 0.00021% 0.00042% 0.00508% 8E-05% 0.00297% 0.00023% 0.00107% 0% 0.00326% 0.00261% 0.00094% 0.00962% 1E-05% 0.00015% 0.00015% 0.00214% 0.00434%

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: 9/22/2015

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.