

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:  
30-015-41931

2. Well Name:  
SRO STATE #059H

3. Well Number:  
059H

HYDRAULIC FRACTURING FLUID  
DISCLOSURE

☒ Original  
☐ Amendment

4. Surface Hole Location:  
Unit:M    Lot:M    Section:2    Township:26S    Range:28E  
Feet from:210    Feet from:940    N/S Line:S    E/W Line:W

5. Bottom Hole Location:  
Unit:D    Lot:D    Section:2    Township:26S    Range:28E  
Feet from:361    Feet from:893    N/S Line:N    E/W Line:W  
Longitude:    -104.0635147

6. latitude:    32.0649033

7. County:  
Eddy

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:    7/9/2014    Frac Performed by:    Baker Hughes

12. Production Type:  
O

13. Pool Code(s):  
51010

14. Gross Fractured Interval:  
9,475 ft to 12,470 ft

15. True Vertical Depth (TVD):  
8,275 ft

16. Total Volume of Fluid Pumped:  
4,844,276 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)
Water	Operator	Carrier	Water	7732-18-5	100%	85.4501%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Listed with Chemicals in Ingredients	N/A	0%	1.4449%
Superset-W, 330 gi tote	Baker Hughes	Activator	Listed with Chemicals in Ingredients	N/A	0%	0.0347%
Alpha 125	Baker Hughes	Biocide	Listed with Chemicals in Ingredients	N/A	0%	0.046%
GBW-5	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0.0004%
Enzyme G-III	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0.0195%
High Perm CRB	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	N/A	0%	0.0048%
Clay Master-5C (Tote)	Baker Hughes	Clay Control	Listed with Chemicals in Ingredients	N/A	0%	0.0252%
Ferrotrol 280L , 330 gi tote	Baker Hughes	Clay Control	Listed with Chemicals in Ingredients	N/A	0%	0.0039%
ClayCare, ClayTreat-2C, 330 gi tote	Baker Hughes	Clay Control	Listed with Chemicals in Ingredients	N/A	0%	0.0344%
CI-27	Baker Hughes	Corrosion Inhibitor	Listed with Chemicals in Ingredients	N/A	0%	0.0022%
XLW-10A	Baker Hughes	Crosslinker	Listed with Chemicals in Ingredients	N/A	0%	0.0513%
GW-4	Baker Hughes	Gelling Agent	Listed with Chemicals in Ingredients	N/A	0%	0.1457%
NE-35, 330 gi tote	Baker Hughes	Non-emulsifier	Listed with Chemicals in Ingredients	N/A	0%	0.0011%
Parasorb 5000, bag	Baker Hughes	Paraffin inhibitor	Listed with Chemicals in Ingredients	N/A	0%	0.0138%
Sand, White, 20/40	Baker Hughes	Proppant	Listed with Chemicals in Ingredients	N/A	0%	10.0133%
Super LC, 20/40	Baker Hughes	Proppant	Listed with Chemicals in Ingredients	N/A	0%	2.579%
ScaleSorb 7 (50 lb)	Baker Hughes	Scale Inhibitor	Listed with Chemicals in Ingredients	N/A	0%	0.0083%
Scaletrol 720, 330 gi tote	Baker Hughes	Scale Inhibitor	Listed with Chemicals in Ingredients	N/A	0%	0.027%
InFlo 251G	Baker Hughes	Surfactant	Listed with Chemicals in Ingredients	N/A	0%	0.0421%
Chemical Ingredients	Baker Hughes	Treatment System	2-Mercaptoethanol 2-Propenoic, Polymer with Sodium Phosphinate, Sodium Salt Acetic acid ethenyl ester, polymer with ethene Alcohols, C10-16, ethoxylated propoxylated Alcohols, C6-12, ethoxylated propoxylated Alcohols, ethoxylated Amines, unsatd, alkyl, ethoxylated Ammonium Hydroxide Ammonium Persulphate Benzenesulfonic acid, hexadecyl(sulfo)phenoxy-, disodium salt Calcium Chloride Choline Chloride Crystalline Silica (Cristobalite) Crystalline Silica (Quartz) Cupric Chloride Diatomaceous Earth, Calcined Diatomaceous Earth, Calcined (kieselguhr) Diatomaceous Earth, Natural (kieselguhr) Ethanol Ethylene Glycol Fatty Acids Formaldehyde Glutaraldehyde Guar Gum Hemicellulase Enzyme Concentrate Hexamethylenetetramine Hydrated Magnesium Silicate Hydrochloric Acid Methanol Mineral Oil Nonionic glycol ester Olefin Organo Phosphorus Salt Oxyalkylated Amine Quat PIF Resin Poly (Oxyethylene) Nonylphenol Ether Poly (Tetrafluoroethylene) Polyoxyalkylenes Potassium Chloride Propargyl Alcohol Propylene Glycol Silicon Dioxide (Silica Sand) Sodium Bisulfate Sodium Chloride Sodium Hydroxide Sodium Sulfonate Sodium Tetraborate Sodium lauriminodipropionate Sodium octylimodipropionate Thiourea Polymer Vinylidene Chloride-Methyl Acrylate Polymer Water	60-24-2 71050-62-9 24937-78-8 69227-22-1 68937-66-6 68551-12-2 85155-39-5 1336-21-6 7727-54-0 65143-89-7 10043-52-4 67-48-1 14464-46-1 14808-60-7 7447-39-4 91053-39-3 91053-39-3 61790-53-2 64-17-5 107-21-1 61790-12-3 50-00-0 111-30-8 9000-30-0 9025-56-3 100-97-0 14807-96-6 7647-01-0 67-56-1 8042-47-5 68400-71-5 64743-02-8 Trade Secret , disc 138879-94-4 9003-35-4 9016-45-9 9002-94-0 68951-67-7 7447-40-7 107-19-7 57-55-6 14808-60-7 7631-90-5 7647-14-5 1310-73-2 870-72-4 1330-43-4 14960-06-6 94441-92-6 68527-49-1 25038-72-6 7732-18-5	100% 20% 15% 7% 7% 8% 4% 5% 100% 2% 5% 75% 1% 100% 5% 100% 70% 10% 10% 45% 30% 0.05% 30% 100% 3% 0.01% 1% 7.5% 60% 15% 25% 5% 30% 60% 5% 50% 0.5% 30% 1% 10% 9% 0.5% 12% 1% 3% 30% 25% 97%	0.003904% 0.005395% 0.002063% 0.002943% 0.002943% 0.003363% 0.001682% 0.000195% 0.005211% 2.3E-05% 0.001349% 0.025818% 0.000138% 10.007362% 0.000195% 0.008251% 0.009626% 0.001375% 0.004204% 0.02495% 0.00656% 1E-06% 0.013784% 0.145618% 0.000585% 0.000258% 4.8E-05% 0.108302% 0.018794% 0.002063% 0.000284% 0.00011% 0.002475% 0.015097% 0.128871% 0.017361% 2.4E-05% 0.000659% 0.00027% 0.00022% 0.00017% 2.500106% 8.3E-05% 0.001635% 0.004612% 4.1E-05% 0.00615% 1.1E-05% 3.4E-05% 0.000659% 0.001197% 1.468657% 0%

Ingredients shown above are subject to 29 CFR 1910

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

Date:    7/13/2015

E-mail Address:    sdavis@conchoresources.com

Title:    Regulatory Analyst

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