

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 8, 2013

1. WELL API NO:
30-015-42827

2. Well Name:
SCREECH OWL FEDERAL #003H

3. Well Number:
003H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:O Lot:O Section:18 Township:26S Range:27E
Feet from:250 N/S Line:S
Feet from:2450 E/W Line:E

5. Bottom Hole Location:
Unit:O Lot:O Section:30 Township:26S Range:27E
Feet from:343 N/S Line:S
Feet from:1826 E/W Line:E

6. latitude: 32.0360380287938 longitude: -104.226795847027

7. County: Eddy

8. Operator Name and Address:
COG OPERATING LLC
One Concho Center
800 W. Illinois Ave
Midland 79701

9. OGRID: 229137

10. Phone Number: 432-685-4332

11. Last Fracture Date: 8/5/2016 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
64010

14. Gross Fractured Interval:
7,882 ft to 17,750 ft

15. True Vertical Depth (TVD):
7,462 ft

16. Total Volume of Fluid Pumped:
12,180,086 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	Water	7732-18-5	100%	86.64264%
BC-140 X2	Halliburton	Initiator	Listed Below	Listed Below	0%	0%
Cla-Web(TM) II	Halliburton	Clay Stabilizer	Listed Below	Listed Below	0%	0%
DCA-23003	Halliburton	Friction Reducer	Listed Below	Listed Below	0%	0%
FDP-S1226-15	Halliburton	Surfactant	Listed Below	Listed Below	0%	0%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Listed Below	Listed Below	0%	0%
HYDROCHLORIC ACID	Halliburton	Solvent	Listed Below	Listed Below	0%	0%
N-Zyme 3	Halliburton	Enzyme	Listed Below	Listed Below	0%	0%
OPTIFLO-HTE	Halliburton	Breaker	Listed Below	Listed Below	0%	0%
OptiKleen-WF(TM)	Halliburton	Concentrate	Listed Below	Listed Below	0%	0%
SAND-CRC-16/30	Halliburton	Proppant	Listed Below	Listed Below	0%	0%
SAND-PREMIUM WHITE-20/40	Halliburton	Proppant	Listed Below	Listed Below	0%	0%
Scalechek(R) SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Listed Below	Listed Below	0%	0%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Listed Below	Listed Below	0%	0%
Parasorb 5000	Baker Hughes	Scale Inhibitor	Listed Below	Listed Below	0%	0%
Scaletrol	Baker Hughes	Scale Inhibitor	Listed Below	Listed Below	0%	0%
MSDS and Non-MSDS Ingredients are listed below the					0%	0%
Ingredients	Listed Above	Listed Above	1,2-Benzisothiazolin-3-one 2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt Acrylamide Acrylamide, sodium acrylate polymer Alcohols, C12-13, ethoxylated Alcohols, C12-16, ethoxylated Amine Amine salts Ammonium compound C.I. Pigment Red 5 Calcium chloride (CaCl2) Chlorine compound Crystalline silica, quartz Crystalline silica: Quartz (SiO2) Cured acrylic resin Diatomaceous earth, calcined Enzyme Enzyme Ethoxylated alcohols Ethoxylated branched C13 alcohol Ethylene glycol Ethylene oxide Fatty acids, tall oil FD&C Blue 1 Glassy calcium magnesium phosphate Glycerine Guar gum Hexamethylenetetramine Hydrochloric acid Hydrotreated light petroleum distillate Methanol Mineral Oil Monoethanolamine borate Olefins Phenol / formaldehyde resin Propargyl alcohol Quaternary amine Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide Sorbitan, mono-9-octadecenoate, (Z) Sodium chloride Sodium diacetate Sodium perborate tetrahydrate Sorbitan monooleate polyoxyethylene derivative Walnut hulls Water	2634-33-5 915-67-3 79-06-1 25987-30-8 66455-14-9 68551-12-2 Proprietary Proprietary Proprietary 6410-41-9 10043-52-4 Proprietary 14808-60-7 14808-60-7 Proprietary 91053-39-3 Proprietary Proprietary Proprietary 78330-21-9 107-21-1 75-21-8 Proprietary 3844-45-9 65997-17-3 56-81-5 9000-30-0 100-97-0 7647-01-0 64742-47-8 67-56-1 8042-47-5 26038-87-9 Proprietary 9003-35-4 107-19-7 Proprietary 68527-49-1 1338-43-8 7647-14-5 126-96-5 10486-00-7 9005-65-6 Not Assigned 7732-18-5	0.1% 0.01% 30% 30% 5% 0.1% 1% 30% 1% 5% 100% 60% 100% 2% 60% 30% 60% 0% 100% 5% 5% 30% 5% 1% 30% 5% 1% 5% 100% 5% 100% 100%	0% 3E-05% 0% 0.00683% 0.01328% 0.00221% 5E-05% 0.00052% 0.01412% 4E-05% 0.00129% 0.01412% 12.64991% 0% 0.00134% 0% 0% 0.00022% 0.00019% 0.00114% 0.01683% 0% 0.00019% 0% 0.01622% 2E-05% 0.11513% 0.05055% 0.23324% 0.00683% 0.00037% 0% 0.03038% 7E-05% 0.12637% 6E-05% 0.00094% 0.00019% 0.00114% 0.00047% 0.00114% 0.00244% 0.00114% 0.00433% 0.50774%

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: 10/11/2016

E-mail Address: sdavis@conchoresources.com

Title: Regulatory Analyst

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