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. 30-025-42386
2. Well Name: FRAZIER 34 STATE COM #501H
3. Well Number: 501H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☐ Original

☒ Amends disclosure submitted on 7/8/2015

4. Surface Hole Location: Unit:A Lot:A Section:34 Township:24S Range:33E; Feet from:250 N/S Line:N; Feet from:835 E/W Line:E
5. Bottom Hole Location: Unit:A Lot:A Section:34 Township:24S Range:33E; Feet from:250 N/S Line:N; Feet from:835 E/W Line:E
6. latitude: 32.1806464037197 longitude: -103.554352929673
7. County: Lea

8. Operator Name and Address: EOG RESOURCES INC, P.O. Box 2267, Midland 79702
9. OGRID: 7377
10. Phone Number: 432-686-3689
11. Last Fracture Date: 5/8/2015 Frac Performed by: Pumpco Services
12. Production Type: O
13. Pool Code(s): 96682
14. Gross Fractured Interval: 11,529 ft to 16,052 ft
15. True Vertical Depth (TVD): 11,529 ft
16. Total Volume of Fluid Pumped: 7,568,389 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	EOG	Carrier/Base Fluid	Water	7732-18-5	100%	89.43484%
Sand	EOG	Proppant	Crystalline Silica	14808-60-7	100%	9.79782%
Hydrochloric Acid	Pumpco	Acid	Hydrochloric Acid	7647-01-0	7.5%	0.05147%
			Water	7732-18-5	100%	0.68626%
Plexflow RTS	Chemplex	Oil field Surfactant	Isopropyl Alcohol	67-63-0	80%	0.01371%
			Polymers Derived from Fatty Acids	Trade Secret	10%	0.00171%
			Polyethylene Glycol	25322-68-3	1%	0.00017%
			Vegetable Oil	Proprietary	1%	0.00017%
			Dimer Fatty Acids	Proprietary	1%	0.00017%
			Heavy Aromatic Naptha	64742-94-5	5%	0.00086%
			Naphthalene	91-20-3	1%	0.00017%
			Ethoxylated Nonyl Phenol-Formaldehyde Resin	30846-35-6	10%	0.00171%
			Fluoroalkyl Alcohol Substituted Polyethylene Glycol	65545-80-4	1%	0.00017%
			1,4-Dioxane	123-91-1	0.1%	2E-05%
			Dipropylene Glycol Methyl Ether	34590-94-8	0.1%	2E-05%
			Water	7732-18-5	0.1%	2E-05%
Plexslick 957	Chemplex	Anionic water-soluble polymer in emulsion form	Ammonium Chloride	12125-02-9	5%	0.00096%
			Nonionic Surfactants	Trade Secret	10%	0.00193%
			Paraffinic, Naphthenic Solvent	64742-47-8	30%	0.00578%
			Poly (acrylamide-co-acrylic acid), partial sodium salt	62649-23-4	35%	0.00674%
			Sodium Chloride	7647-14-5	5%	0.00096%
			Water	7732-18-5	40%	0.0077%
Plexhib 256	Chemplex	Corrosion inhibitor for hydrochloric acid	Methyl Alcohol	67-56-1	60%	0.00029%
			Propargyl Alcohol	107-19-7	10%	5E-05%
			Thiourea/Formaldehyde Copolymer	68527-49-1	30%	0.00015%
			Polyethoxylated Alcohol Surfactant	68951-67-7	30%	0.00015%
			C-14 to C-16 Alpha Olefins	64743-02-8	5%	2E-05%
Ferriplex 40	Chemplex	Iron Control Agent	Sodium Hydroxide	1310-73-2	1%	1E-05%
			Sodium Sulfate Anhydrous	7757-82-6	2%	2E-05%
			Trisodium Nitrilotriacetate	5064-31-3	40%	0.00044%
			Water	7732-18-5	60%	0.00066%
Claymax	Chemplex	Potassium Chloride Substitute in Oil Well Treatment	No Hazardous Ingredients	NA	0%	0%
Oil Soluble Tracer (OST)	Spectrum Tracer Services	Diagnostics	Charcoal	7440-44-0	90%	0.00028%
			Inert Ingredients	Trade Secret	10%	3E-05%
FNE-164	X-Chem	Surfactant	Methanol	67-56-1	70%	0.0162%
			Polyoxyalkylene Glycol Butyl Ether	9004-77-7	50%	0.01157%
			Diethanolamide	NA	70%	0.0162%
CS-120	X-Chem	Clay Stabilizer	No Hazardous Ingredients	NA	0%	0%
SFR-470	X-Chem	Anionic Polyacrylamide	Hydrotreated Light Distillates	64742-47-8	35%	0.00838%
			Ammonium Chloride	12125-02-9	15%	0.00359%
			C10-C16 Ethoxylated Alcohols	Mixture	5%	0.0012%
TCA-6038	X-Chem	Corrosion Inhibitor	Benzyl Alkyl Pyridinyl Quarternary Ammonium Chloride	68909-18-2	70%	0.00036%
			Methyl Alcohol	67-56-1	60%	0.00031%
SC-3	X-Chem	Scale Inhibitor	Citric Acid	77-92-9	50%	0.00025%
			Sulfamic Acid	5329-14-6	5%	3E-05%
			Water	7732-18-5	45%	0.00023%

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: Kiera Staples Title: Environmental Associate

Date: 7/8/2015

E-mail Address: kiera_staples@eogresources.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.