

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:
30-025-43054

2. Well Name:
DELLA 29 FEDERAL COM #602H

3. Well Number:
602H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:P Lot:P Section:29 Township:20S Range:34E
Feet from:250 N/S Line:S
Feet from:1300 E/W Line:E

5. Bottom Hole Location:
Unit:P Lot:P Section:29 Township:20S Range:34E
Feet from:250 N/S Line:S
Feet from:1300 E/W Line:E

6. latitude: 32.53754573 longitude: -103.5780461

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: 10/24/2016 Frac Performed by: FTSI

12. Production Type:
O

13. Pool Code(s):
37580

14. Gross Fractured Interval:
11,463 ft to 15,949 ft

15. True Vertical Depth (TVD):
11,463 ft

16. Total Volume of Fluid Pumped:
9,830,940 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%	87.3519%
Sand	EOG	Proppant	Crystalline Silica	14808-60-7	100%	12.31941%
Hydrochloric Acid	EOG	Acid	Hydrochloric Acid	7647-01-0	10%	0.02185%
			Water	7732-18-5	100%	0.21853%
CS-250 SI	FTSI	Scale Inhibitor	Ethylene glycol	107-21-1	13%	0.00277%
			Water	7732-18-5	81%	0.01728%
			Sodium chloride	7647-14-5	10%	0.00213%
			Sodium Polyacrylate	47703	10%	0.00213%
ICI-3240	FTSI	Biocide	Dazomet (Tetrahydro-3, 5-dimethyl-2H-1, 3, 5-thiadiazine-2-thione.	533-74-4	24%	0.00793%
			Sodium Hydroxide	1310-73-2	23%	0.0076%
			Water	7732-18-5	55%	0.01817%
CI-150	FTSI	Acid Corrosion Inhibitor	Isopropanol	67-63-0	60%	0.00032%
			Dimethylformamide	68-12-2	10%	5E-05%
			Organic amine resin salt	Proprietary	30%	0.00016%
			Quaternary ammonium compound	Proprietary	10%	5E-05%
			Aromatic aldehyde	Proprietary	30%	0.00016%
			Ethylene Glycol	107-21-1	30%	0.00016%
			Methanol	67-56-1	60%	0.00032%
			Aromatic Ketone compound	Proprietary	30%	0.00016%
			Aromatic Aldehyde	Proprietary	10%	5E-05%
			Ethoxylated Alcohols	Proprietary	10%	5E-05%
			Oxyalkylated Alcohol	Proprietary	5%	3E-05%
			Acetic Acid	64-19-7	5%	3E-05%
			Acetophenone	98-86-2	5%	3E-05%
			Oxyalkylated Fatty Amine	Proprietary	5%	3E-05%
			Formaldehyde	50-00-0	5%	3E-05%
			Fatty amino compound salt	Proprietary	30%	0.00016%
			Ethoxylated fatty alcohol	Proprietary	30%	0.00016%
			Water	7732-18-5	30%	0.00016%
			Fatty Acid	Proprietary	0.1%	0%
			Fatty Acid Salt	Proprietary	0.1%	0%
			Aliphatic alcohol	Proprietary	0.1%	0%
			Alkylene Oxide Block Polymer	Proprietary	10%	5E-05%
			Polyalkylene glycol	Proprietary	10%	5E-05%
			Diethylene glycol	111-46-6	1%	1E-05%
NE-100	FTSI	Non-Emulsifier	2-Butoxyethanol	111-76-2	10%	2E-05%
			2-Propanol	67-63-0	10%	2E-05%
			Dodecylbenzenesulfonic acid	27176-87-0	5%	1E-05%
			Water	7732-18-5	90%	0.00014%
FE-200L	FTSI	Iron Control	Tetrasodium EDTA	64-02-8	41%	0.00029%
			Sodium Hydroxide	1310-73-2	2%	1E-05%
			Trisodium Nitrilotriacetic acid	5064-31-3	2%	1E-05%
			Ethylenediaminetriacetic acid, trisodium salt	19019-43-3	0.8%	1E-05%
			Water	7732-18-5	65%	0.00046%
			Sodium formate	141-53-7	0.6%	0%
			Sodium glycolate	2836-32-0	1.5%	1E-05%
			Iminodiacetate disodium salt	17593-73-6	0.2%	0%
FRW-600	FTSI	Friction Reducer	Hydrotreated light distillate	64742-47-8	30%	0.01632%
			Ammonium Acetate	631-61-8	10%	0.00544%
			Acrylamide Polymer	Trade Secret	30%	0.01632%
			Alcohols, ethoxylated	68439-50-9	5%	0.00272%
			Alcohols, ethoxylated	68551-12-2	5%	0.00272%
			Alcohols, ethoxylated	68002-97-1	5%	0.00272%
			Water	7732-18-5	40%	0.02175%

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

Environmental

Title: Associate

Date: 11/17/2016

E-mail Address: kiera_staples@eogresources.com

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