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.
30-015-39248

2. Well Name:
ROSS DRAW 8 FEDERAL #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:8 Township:26S Range:31E
Feet from:330 N/S Line:N
Feet from:520 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:D Section:8 Township:26S Range:31E
Feet from:330 N/S Line:N
Feet from:520 E/W Line:W

6. latitude: 32.0638504 longitude: -103.8073502

7. County:
Eddy

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: 9/29/2016 Frac Performed by: Keane

12. Production Type:
O

13. Pool Code(s):
97860

14. Gross Fractured Interval:
10,190 ft to 14,628 ft

15. True Vertical Depth (TVD):
10,190 ft

16. Total Volume of Fluid Pumped:
9,484,324 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%	87.81862%
Sand	EOG	Proppant	Crystalline Silica	14808-60-7	100%	11.86211%
Hydrochloric Acid	EOG	Acid	Hydrochloric Acid	7647-01-0	7.5%	0.01654%
			Water	7732-18-5	100%	0.22047%
Ecopol-NE 601	Keane	Surfactant	Methyl Alcohol	67-56-1	50%	4E-05%
			Coconut Diethanolamide	68603-42-9	20%	2E-05%
			Proprietary	Proprietary	30%	3E-05%
KFEAC-30	Keane	Iron Control	Acetic Acid	64-19-7	60%	0.00035%
			Citric Acid	77-92-9	30%	0.00018%
			Water	7732-18-5	60%	0.00035%
Econo-CI200	Keane	Corrosion Inhibitor	Methanol	67-56-1	80%	0.00022%
			Fatty Acids	Proprietary	20%	6E-05%
HiRate 600W	Innospec	Friction Reducer	Hydrotreated light petroleum distillates	64742-47-8	30%	0.01555%
			Ammonium Chloride	12125-02-9	20%	0.01037%
			Ethoxylated Alcohol Surfactant Blend	68439-50-9	4.9%	0.00254%
			Ethoxylated Alcohol Surfactant Blend	68551-12-2	4.9%	0.00254%
			Ethoxylated Alcohol Surfactant Blend	68002-97-1	4.9%	0.00254%
ScaleCease 7029	Innospec	Phosphonate Scale Inhibitor	Ammonium Chloride	12125-02-9	2.6%	0.00058%
			Aminophosponate Salt	Proprietary	14%	0.0031%
MBC-516	Keane	Biocide	Proprietary	Proprietary	56.72%	0.01028%
			Glutaral	111-30-8	26.7%	0.00484%
			Didecyldimethylammonium Chloride	7173-51-5	7.97%	0.00144%
			Quaternary ammonium compouds, bezyl-C-12-16-alkyldimethyl, chlorides	68424-85-1	5.31%	0.00096%
			Ethanol	64-17-5	2.8%	0.00051%
HiRate 680	Innospec	Anionic Friction Reducer	Aliphatic Hydrocarbon	Trade Secret	30%	0.00172%
			Alcohols, C12-16, ethoxylated	68551-12-2	5%	0.00029%

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: 11/10/2016

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.