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.
30-025-43684

2. Well Name:
THOR 21 FEDERAL COM #707H

3. Well Number:
707H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ **Original**

☐ **Amendment**

4. Surface Hole Location:
Unit:O Lot:O Section:21 Township:26S Range:33E
Feet from:370 N/S Line:S
Feet from:1639 E/W Line:E

5. Bottom Hole Location:
Unit:O Lot:O Section:21 Township:26S Range:33E
Feet from:370 N/S Line:S
Feet from:1639 E/W Line:E

6. latitude: 32.0226124 longitude: -103.5735385

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: 7/18/2017 Frac Performed by: BJ Services

12. Production Type:
O

13. Pool Code(s):
98097

14. Gross Fractured Interval:
12,595 ft to 16,871 ft

15. True Vertical Depth (TVD):
12,595 ft

16. Total Volume of Fluid Pumped:
10,101,583 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%	88.62775%
Sand	EOG	Proppant	Crystalline Silica	14808-60-7	100%	11.2427%
HiRate Plus	innospec	Friction Reducer	Distillates (petroleum), hydrotreated light	64742-47-8	30%	0.02752%
			Alcohols, C12-16, ethoxylated	68551-12-2	4.99%	0.00458%
			Alcohols, C10-16, ethoxylated	68002-97-1	4.99%	0.00458%
			Alcohols, C12-14 (even numbered), ethoxylated	68439-50-9	4.99%	0.00458%
ScaleCease 7411	Innospec	Phosphonate Scale Inhibitor	Aminophosphonate Salt	Proprietary	15%	0.00167%
			Ammonium Chloride	12125-02-9	5%	0.00056%
Biosuite G15	Innospec	Biocide	Glutaraldehyde	111-30-8	15.7%	0.00371%
			Methanol	67-56-1	0.5%	0.00012%
ScaleCease 7300	Innospec	Scale inhibitor	No hazardous ingredients	00-00-0	100%	0.00306%

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: 9/12/2017

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.