

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: 30-025-42816				
		2. Well Name: THOR 21 FEDERAL COM #704H				
		3. Well Number: 704H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:O Lot:O Section:21 Township:26S Range:33E Feet from:170 N/S Line:S Feet from:1670 E/W Line:E				
		5. Bottom Hole Location: Unit:O Lot:O Section:21 Township:26S Range:33E Feet from:170 N/S Line:S Feet from:1670 E/W Line:E				
		6. latitude: longitude: 32.0225099 -103.5756888				
		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: 6/14/2016 Frac Performed by: Keane Group		12. Production Type: O				
13. Pool Code(s): 98097		14. Gross Fractured Interval: 12,693 ft to 17,123 ft				
15. True Vertical Depth (TVD): 12,693 ft		16. Total Volume of Fluid Pumped: 13,170,417 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%	89.15725%
Sand	EOG	Proppant	Crystalline Silica	14808-60-7	100%	10.56155%
Hydrochloric Acid	EOG	Acid	Hydrochloric Acid	7647-01-0	7.5%	0.01238%
Ecopol-NE 601	Economy	Surfactant	Water	7732-18-5	100%	0.16512%
			Methyl Alcohol	67-56-1	50%	4E-05%
			Coconut Diehanolamide	68603-42-9	20%	2E-05%
			Proprietary	Proprietary	30%	2E-05%
Ecopol-Feac	Economy	Iron Control	Acetic Acid	64-19-7	60%	0.00033%
			Citric Acid	77-92-9	30%	0.00016%
			Water	7732-18-5	60%	0.00033%
Econo-CI200	Economy	Corrosion Inhibitor	Methanol	67-56-1	80%	0.00021%
			Fatty Acids	Proprietary	20%	5E-05%
HiRate 600W	Innospec	Friction Reducer	Hydrotreated light petroleum distillates	64742-47-8	30%	0.02129%
			Ammonium Chloride	12125-02-9	20%	0.0142%
			Ethoxylated Alcohol Surfactant Blend	Porprietary	6%	0.00426%
			ScaleCease 7029	Innospec	Phosphonate Scale Inhibitor	Ammonium Chloride
Aminophosponate Salt	Proprietary	14%				0.00322%
HiRate Plus	Innospec	Friction Reducer	Distillates (petroleum), hydrotreated light	64742-47-8	30%	0.00032%
			Alcohols, C12-16, ethoxylated	68551-12-2	4.99%	5E-05%
			Alcohols, C10-16, ethoxylated	68002-97-1	4.99%	5E-05%
			Alcohols, C12-14 (even numbered), ethoxylated	68439-50-9	4.99%	5E-05%
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: 7/18/2016						
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.