

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. 30-025-42159				
		2. Well Name: JOLLY ROGER 16 STATE #503H				
		3. Well Number: 503H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:D Section:16 Township:24S Range:34E Feet from:150 N/S Line:N Feet from:1016 E/W Line:W				
		5. Bottom Hole Location: Unit:D Lot:D Section:16 Township:24S Range:34E Feet from:150 N/S Line:N Feet from:1016 E/W Line:W				
		6. latitude: longitude: 32.2244179148452 -103.480130042464				
		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: 2/7/2015 Frac Performed by: Pumpco		12. Production Type: O				
13. Pool Code(s): 96434		14. Gross Fractured Interval: 10,920 ft to 15,640 ft				
15. True Vertical Depth (TVD): 10,920 ft		16. Total Volume of Fluid Pumped: 5,275,969 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%	84.3544%
Sand	EOG	Proppant	Crystalline Silica	14808-60-7	100%	13.87795%
Hydrochloric Acid	Pumpco	Acid	Hydrochloric Acid	7647-01-0	7.5%	0.11142%
			Water	7732-18-5	100%	1.48564%
Plexgel Breaker XPA	Chemplex	Breaker for slickwater fracs	Hydrogen Peroxide	7722-84-1	8%	0.00311%
			Water	7732-18-5	93%	0.03612%
Plexflow RTS	Chemplex	Oil field Surfactant	Isopropyl Alcohol	67-63-0	80%	0.02738%
			Polymers Derived from Fatty Acids	Trade Secret	10%	0.00342%
			Polyethylene Glycol	25322-68-3	1%	0.00034%
			Vegetable Oil	Proprietary	1%	0.00034%
			Dimer Fatty Acids	Proprietary	1%	0.00034%
			Heavy Aromatic Naptha	64742-94-5	5%	0.00171%
			Naphthalene	91-20-3	1%	0.00034%
			Ethoxylated Nonyl Phenol-Formaldehyde Resin	30846-35-6	10%	0.00342%
			Fluoroalkyl Alcohol Substituted Polyethylene Glycol	65545-80-4	1%	0.00034%
			1,4-Dioxane	123-91-1	0.1%	3E-05%
			Dipropylene Glycol Methyl Ether	34590-94-8	0.1%	3E-05%
			Water	7732-18-5	0.1%	3E-05%
Plexslick 957	Chemplex	Anionic water-soluble polymer in emulsion form	Ammonium Chloride	12125-02-9	5%	0.00205%
			Nonionic Surfactants	Trade Secret	10%	0.00411%
			Paraffinic, Naphthenic Solvent	64742-47-8	30%	0.01232%
			Poly (acrylamide-co-acrylic acid), partial sodium salt	62649-23-4	35%	0.01437%
			Sodium Chloride	7647-14-5	5%	0.00205%
			Water	7732-18-5	40%	0.01642%
Plexhib 256	Chemplex	Corrosion inhibitor for hydrochloric acid	Methyl Alcohol	67-56-1	60%	0.00135%
			Propargyl Alcohol	107-19-7	10%	0.00023%
			Thiourea/Formaldehyde Copolymer	68527-49-1	30%	0.00068%
			Polyethoxylated Alcohol Surfactant	68951-67-7	30%	0.00068%
			C-14 to C-16 Alpha Olefins	64743-02-8	5%	0.00011%
Ferriplex 40	Chemplex	Iron Control Agent	Sodium Hydroxide	1310-73-2	1%	5E-05%
			Sodium Sulfate Anhydrous	7757-82-6	2%	0.0001%
			Trisodium Nitrioltriacetate	5064-31-3	40%	0.00204%
			Water	7732-18-5	60%	0.00307%
Claymax	Chemplex	Potassium Chloride Substitute in Oil Well Treatment	No Hazardous Ingredients	NA	0%	0%
ZeroWash Tracer	ProTechnics	Diagnostic	Ceramic Proppant	Proprietary	14%	0%
			Water (major)	7732-18-5	70%	0%
			Methanol (major)	67-56-1	30%	0%
			Dipropylene glycol methyl ether (minor)	34590-94-8	1%	0%
			Xanthan gum (minor)	1113866-2	1%	0%
Oil Soluble Tracer (OST)	Spectrum Tracer Services	Diagnostics	Charcoal	7440-44-0	90%	0.00012%
			Inert Ingredients	Trade Secret	10%	1E-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: 3/11/2015						
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.