

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: 30-025-42428				
		2. Well Name: MERLIN STATE COM #003H				
		3. Well Number: 003H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:29 Township:21S Range:34E Feet from:810 N/S Line:S E/W Line:W Feet from:1920				
		5. Bottom Hole Location: Unit:N Lot:N Section:32 Township:21S Range:34E Feet from:341 N/S Line:S E/W Line:W Feet from:1988				
		6. latitude: 32.4447566537073 longitude: -103.494245795049				
		7. County: Lea				
8. Operator Name and Address: COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701		9. OGRID: 229137	10. Phone Number: 432-685-4332			
11. Last Fracture Date: 4/24/2015 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 97962		14. Gross Fractured Interval: 11,070 ft to 16,300 ft				
15. True Vertical Depth (TVD): 10,930 ft		16. Total Volume of Fluid Pumped: 4,709,050 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)
FE Acid < 10%	Halliburton	Base Fluid	NA	NA	0%	0%
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	87.06593%
BE-6 MICROBIOCIDE, BE-9, CL-22 UC, CL-31 CROSSLINK	Halliburton	Additive, Biocide, Breaker, Clay Stabilizer, Clay Corrosion Inhibitor, Crosslinker, Defoat	NA	NA	0%	0%
SP BREAKER, WG-36 GELLING AGENT	Halliburton	pH Control Additive, Scale Preventer, Surfactant	NA 2-Bromo-2-nitro-1,3-propanediol Acrylate polymer Alcohols, C14-C15, ethoxylated Alkane Alkenes Amine salts Ammonium persulfate Ammonium salt Bentonite, benzy(hydrogenated tallow alkyl) dimethylammonium stearate complex Borate salts Complex alkylamine Crystalline silica, quartz Crystalline Silica, Quartz Cured acrylic resin Ethylenediaminetetraacetic acid, tetrasodium salt Fatty acids, tall oil Glassy calcium magnesium phosphate Glycerine Guar gum Hydrogen peroxide Methanol NFIDB:FE Acid < 10% NFIDB:NA NFIDB:Scaletrol Nitrotracetic acid, trisodium salt monohydrate Olefins Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy- Polyepichlorohydrin, trimethyl amine quaternized Polypropylene glycol Potassium formate Potassium hydroxide Potassium metaborate Propargyl alcohol Quaternary amine Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide Silica gel Siloxanes and Silicones, di-Me, reaction products with silica Sodium bicarbonate Sodium carboxymethyl cellulose Sodium chloride Sodium glycolate Sodium hydroxide Sodium persulfate Sodium sulfate Surfactant mixture Tributyl tetradecyl phosphonium chloride Trimethylamine, N-oxide Water	NA 52-51-7 Confidential 68951-67-7 Confidential Confidential Confidential 7727-54-0 Confidential 121888-68-4 Confidential Confidential Confidential 14808-60-7 14808-60-7 Confidential 64-02-8 Confidential 65997-17-3 56-81-5 9000-30-0 7722-84-1 67-56-1 NFIDB:FE Acid < 10% NFIDB:NA NFIDB:Scaletrol 5064-31-3 Confidential 61827-42-7 51838-31-4 25322-69-4 590-29-4 1310-58-3 13709-94-9 107-19-7 Confidential 68527-49-1 112926-00-8 67762-90-7 144-55-8 9004-32-4 7647-14-5 2836-32-0 1310-73-2 7775-27-1 7757-82-6 Confidential 81741-28-8 1184-78-7 7732-18-5	0% 100% 100% 30% 1% 100% 100% 100% 60% 5% 60% 5% 10% 100% 100% 100% 0.01% 5% 30% 10% 100% 0.01% 1% 60% 1% 5% 60% 5% 60% 10% 5% 30% 1% 30% 1% 1% 30% 100% 0.1% 1% 10% 5% 100%	0% 5E-05% 0.00022% 0.0016% 0.00092% 0.03242% 9E-05% 0.00471% 0.02796% 0.00874% 0.01302% 0.00461% 0.00143% 0.00017% 0.00141% 1E-05% 0.0016% 0.02993% 0.00922% 0.17484% 1E-05% 0.00319% 3.10656% 9.27631% 0% 1E-05% 0.00064% 0.02767% 0.01812% 0.00973% 0.01302% 0.00021% 0.00255% 0.00053% 0.00284% 0.0016% 0.00175% 0.00973% 1E-05% 0.00022% 0.00265% 0.00023% 0.00297% 0.01204% 1E-05% 0.0035% 0.0087% 0.00151% 0.25324%
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: Stormi Davis Title: Regulatory Analyst						
Date: 6/1/2015						
E-mail Address: sdavis@conchoresources.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.