

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: 30-015-42507				
		2. Well Name: CABO WABO 25 FEDERAL COM #003H				
		3. Well Number: 003H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:O Lot:O Section:25 Township:25S Range:29E Feet from:540 N/S Line:S E/W Line:E Feet from:1650				
		5. Bottom Hole Location: Unit:B Lot:B Section:24 Township:25S Range:29E Feet from:360 N/S Line:N E/W Line:E Feet from:1805				
		6. latitude: 32.0950394 longitude: -103.9346466				
		7. County: Eddy				
8. Operator Name and Address: COG PRODUCTION, LLC 600 W. Illinois Ave Midland 79701		9. OGRID: 217955	10. Phone Number: 432-685-4372			
11. Last Fracture Date: 5/25/2015 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 96217		14. Gross Fractured Interval: 8,062 ft to 17,300 ft				
15. True Vertical Depth (TVD): 10,500 ft		16. Total Volume of Fluid Pumped: 11,848,886 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)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	87.83869%
HYDROCHLORIC ACID	Halliburton	Base Fluid	NA	NA	0%	0%
BE-6 MICROBIOCIDE, BE-9, CLA-STA XP ADDITIVE, Cla-	Halliburton	Additive, Biocide, Breaker, Clay Stabilizer, Clay Corrosion Inhibitor, Gelling Agent, Mic	NA	NA	0%	0%
WG-36 GELLING AGENT	Halliburton		NA	NA	0%	0%
Parasorb 5000, Scaletrol 720	Baker Hughes	Scale Inhibitor	NA	NA	0%	0%
			1,2-Benzisothiazolin-3-one	2634-33-5	0.1%	0%
			2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	2E-05%
			Acetic acid	64-19-7	60%	0.00165%
			Acetic anhydride	108-24-7	100%	0.00275%
			Alcohols, C14-C15, ethoxylated	68951-67-7	30%	0.00055%
			Alkane	Confidential	1%	0.00045%
			Amine salts	Confidential	0.1%	0.0001%
			Ammonium salt	Confidential	60%	0.02914%
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	5%	0.0066%
			C.I. Pigment Red 5	6410-41-9	1%	2E-05%
			Calcium chloride	10043-52-4	0.1%	0%
			Calcium Chloride	Confidential	5%	0.00132%
			Citric acid	77-92-9	60%	0.00159%
			Complex alkylamine	Proprietary	5%	0.00223%
			Crystalline silica, quartz	14808-60-7	100%	10.67899%
			Crystalline Silica, Quartz	14808-60-7	0.1%	0.00013%
			Cured acrylic resin	Confidential	30%	0.00076%
			Enzyme	Confidential	5%	0.00013%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0.01%	0%
			EthyleneGlycol	Confidential	30%	0.00792%
			Fatty acids, tall oil	Confidential	30%	0.00055%
			Guar gum	9000-30-0	100%	0.1321%
			Hydrochloric acid	7647-01-0	60%	0.6846%
			Methanol	67-56-1	60%	0.00111%
			Olefins	Confidential	5%	0.00022%
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.01337%
			Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01338%
			Propargyl alcohol	107-19-7	10%	0.00018%
			Quaternary amine	Confidential	5%	0.00296%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	30%	0.00055%
			Silica gel	112926-00-8	1%	0.00132%
			Sodium bicarbonate	144-55-8	0.01%	0%
			Sodium chloride	7647-14-5	100%	0.01274%
			Surfactant mixture	Confidential	1%	0.00264%
			Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.0043%
			Trimethylamine, N-oxide	1184-78-7	5%	0.00111%
			Walnut hulls	NA	100%	0.00247%
			Water	7732-18-5	100%	1.27296%
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		Senior Regulatory Title: Analyst		
Date: 7/23/2015						
E-mail Address: sdavis@concho.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.