

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 February 15, 2012				
		1. WELL API NO: 30-015-36460				
		2. Well Name: TEDDY GRAHAM STATE COM #001				
		3. Well Number: 001				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:9 Township:26S Range:28E Feet from:660 N/S Line:S Feet from:660 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section:9 Township:26S Range:28E Feet from:660 N/S Line:S Feet from:660 E/W Line:W				
		6. Latitude: 32.0516034036383 longitude: - 104.098890485301				
		7. County: Eddy				
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: 6/9/2013 Frac Performed by: Halliburton		12. Production Type: G				
13. Pool Code(s): 97954		14. Gross Fractured Interval: 9,468 ft to 10,350 ft				
15. True Vertical Depth (TVD): 14,000 ft		16. Total Volume of Fluid Pumped: 4,674 bbls				
17. 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%	85.16263%
HYDROCHLORIC ACID 7.5%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.87804%
Losurf-360W	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl),.alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.01845%
			Glycerine	56-81-5	10%	0.0123%
			Complex Alkylamine	Confidential Business Information	5%	0.00307%
SSA-2	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.59936%
SAND-CRC PREMIUM-30/50, BULK (101822155)	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	10.66494%
			Hexamethylenetetramine	100-97-0	2%	0.2133%
			Phenol / formaldehyde resin	9003-35-4	5%	0.53325%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.0038%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02775%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.05216%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.08334%
			Silica, amorphous precipitated	67762-90-7	30%	0.025%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00139%
MO-67	Halliburton	pH Control Additive	Potassium metaborate	13709-94-9	60%	0.0167%
			Sodium hydroxide	1310-73-2	30%	0.00779%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.04661%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.19208%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00052%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00781%
			Crystalline silica, quartz	14808-60-7	30%	0.00234%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.03123%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.00187%
18. 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: Brian Maiorino		Title: Regulatory Analyst		
Date: 7/2/2013						
E-mail Address: bmaiorino@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.