

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: 30-025-40423							
		2. Well Name: BUFFLEHEAD 10 FEDERAL #001H							
		3. Well Number: 001H							
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:B Lot:B Section:10 Township:26S Range:32E Feet from:330 N/S Line:N Feet from:1650 E/W Line:E							
		5. Bottom Hole Location: Unit:O Lot: Section:10 Township:26S Range:32E Feet from:340 N/S Line:N Feet from:1687 E/W Line:E							
		6. latitude: longitude: 32.0641500063812 - 103.659538049094							
		7. County: Lea							
8. Operator Name and Address: COG PRODUCTION, LLC 550 W. Texas Avenue, Suite 100 Midland 79701		9. OGRID: 217955		10. Phone Number: 432-685-4372					
11. Last Fracture Date: 4/26/2012 Frac Performed by: Halliburton		12. Production Type: O							
13. Pool Code(s): 34010		14. Gross Fractured Interval: 10,065 ft to 13,853 ft							
15. True Vertical Depth (TVD): 9,518 ft		16. Total Volume of Fluid Pumped: 71,227 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)			
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	6.61402%			
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.26071%			
			Potassium metaborate	13709-94-9	60%	3.12853%			
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	1.07369%			
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.20799%			
			Ethanol	64-17-5	60%	12.47928%			
			Heavy aromatic petroleum naphtha	64742-94-5	30%	6.23964%			
			Naphthalene	91-20-3	5%	1.03994%			
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	1.03994%			
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.5132%			
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.38816%			
			Ammonium sulfate Inorganic Salt	Confidential Business Information	30%	2.32895%			
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	13.61689%			
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	6.21004%			
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	1.54885%			
			Crystalline silica, quartz	14808-60-7	30%	0.46465%			
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.77885%			
Scalechek® SCP -2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	2.65517%			
Parasorb	Halliburton				0%	0%			
Ingredients Listed Below This Line Are Part of the			Acrylamide copolymer	Proprietary	0%	0%			
			Acrylate Polymer	Confidential Business Information	0%	0%			
			Amine Salt	Confidential Business Information	0%	0%			
			Amine Salts	Confidential Business Information	0%	0%			
			Amine Salts	Confidential Business Information	0%	0%			
			Borate salts	Confidential Business Information	0%	0%			
			Crystalline silica, quartz	14808-60-7	0%	0%			
			Cured Acrylic Resin	Confidential Business Information	0%	0%			
			Defoamer	Proprietary	0%	0%			
			Glycerine	56-81-5	0%	0%			
			Modified acrylamide copolymer	Proprietary	0%	0%			
			Modified acrylate polymer	Proprietary	0%	0%			
			Oxyalkylated Phenolic Resin	Confidential Business Information	0%	0%			
			Oxyalkylated Phenolic Resin	Confidential Business Information	0%	0%			
			Quaternary Amine	Confidential Business Information	0%	0%			
			Quaternary Amine	Confidential Business Information	0%	0%			
			Quaternary Amine	Confidential Business Information	0%	0%			
			Silica, amorphous - fumed	7631-86-9	0%	0%			
			Sodium acetate	127-09-3	0%	0%			
			Sodium carboxymethyl cellulose	9004-32-4	0%	0%			
			Sodium chloride	7647-14-5	0%	0%			
			Sodium glycollate	2836-32-0	0%	0%			
			Trimethylamine, N-oxide	1184-78-7	0%	0%			
			Water	7732-18-5	0%	0%			
			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: Stormi Davis		Senior Regulatory Title: Analyst		
Date: 5/22/2012									
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.