

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. 30-015-40440				
		2. Well Name: CABO WABO 25 FEDERAL #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:D Section:25 Township:25S Range:29E Feet from:330 N/S Line:N Feet from:600 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section:25 Township:25S Range:29E Feet from:381 N/S Line:S Feet from:656 E/W Line:W				
		6. Latitude: 32.1072402109889 Longitude: - 103.944639787162				
		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: 10/28/2012 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 96217		14. Gross Fractured Interval: 7,981 ft to 12,141 ft				
15. True Vertical Depth (TVD): 7,825 ft		16. Total Volume of Fluid Pumped: 82,917 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				100%	85.66904%
FE ACID - <10% HCL	Halliburton	Solvent	Hydrochloric acid	7647-01-0	10%	1.40476%
100 Mesh Premium Brown - 30/50	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.51632%
30/50 CRC Premium	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	1.24733%
			Hexamethylenetetramine	100-97-0	2%	0.02495%
			Phenol / formaldehyde resin	9003-35-4	5%	0.06237%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00048%
			Ammonium sulfate	Confidential Business Information	30%	0.00286%
			Inorganic Salt			
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01312%
			Monoethanolamine borate	26038-87-9	100%	0.04372%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.01348%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00448%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyeppichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01038%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	0.02062%
LOSURF-300 NONIONIC SURFACTANT	Halliburton	Surfactant	Isopropanol	67-63-0	60%	0.02787%
			Light aromatic solvent	64742-95-6	30%	0.01394%
			Ethoxylated nonylphenol	Confidential Business Information	10%	0.00465%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.00311%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.00311%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00016%
3rd Party Scale Inhibitor	Operator	*3rd Party Additive	*Supplied by Operator		100%	0.02476%
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive	Acetic acid	64-19-7	60%	0.00874%
			Acetic anhydride	108-24-7	100%	0.01457%
FE-2A	Halliburton	Additive	Citric acid	77-92-9	60%	0.00907%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00144%
			Propargyl alcohol	107-19-7	10%	0.00024%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00114%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00217%
			Walnut hulls	Mixture	100%	0.00723%
Scalecheck® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01239%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.17679%
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] - trisodium salt	915-67-3	0%	0%
			Acrylamide copolymer	Proprietary	0%	0%
			Alcohols, C14-C15, ethoxylated	68951-67-7	0%	0%
			Amine Salt	Confidential Business Information	0%	0%
			Amine Salts	Confidential Business Information	0%	0%
			Amine Salts	Confidential Business Information	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured Acrylic Resin	Confidential Business Information	0%	0%
			Cured Acrylic Resin	Confidential Business Information	0%	0%
			Defoamer	Proprietary	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Fatty acids, tall oil	Confidential Business Information	0%	0%
			Formaldehyde polymer with 4,1,1-dimethylethyl phenolmethyl oxirane	29316-47-0	0%	0%
			Formaldehyde polymer with methyl oxirane, 4-nonylphenol and oxirane	63428-92-2	0%	0%
			Glycerine	56-81-5	0%	0%
			Modified acrylamide copolymer	Proprietary	0%	0%
			Modified acrylate polymer	Proprietary	0%	0%
			Naphthalene	91-20-3	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	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%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	0%	0%
			Silica gel	112926-00-8	0%	0%
			Silica, amorphous - fumed	7631-86-9	0%	0%
			Sodium acetate	127-09-3	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Surfactant Mixture	Confidential Business Information	0%	0%
			Surfactant Mixture	Confidential Business Information	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: <u>Signed Electronically</u>		Printed Name: <u>Monti Sanders</u>	Permitting / ROW Title: <u>Technician</u>		
	Date: <u>1/9/2013</u>					
	E-mail Address: <u>msanders@concho.com</u>					

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