

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. 30-015-39612				
		2. Well Name: PHANTOM 18 STATE #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:P Lot:P Section:18 Township:19S Range:29E Feet from:330 N/S Line:S Feet from:330 E/W Line:E				
		5. Bottom Hole Location: Unit:A Lot:A Section:18 Township:19S Range:29E Feet from:334 N/S Line:N Feet from:423 E/W Line:E				
		6. latitude: longitude: 32.6545340310175 - 104.106689064508				
		7. County: Eddy				
8. Operator Name and Address: COG OPERATING LLC ONE CONCHO CENTER 600 W. ILLINOIS AVENUE MIDLAND 79701		9. OGRID: 229137		10. Phone Number:		
11. Last Fracture Date: 8/25/2012 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 55510		14. Gross Fractured Interval: 7,985 ft to 12,092 ft				
15. True Vertical Depth (TVD): 7,765 ft		16. Total Volume of Fluid Pumped: 66,016 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%	86.16748%
FE ACID - >10% HCL	Halliburton	Acid	Hydrochloric acid	7647-01-0	30%	2.09586%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	10.14954%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	1.04209%
			Hexamethylenetetramine	100-97-0	2%	0.02084%
			Phenol / formaldehyde resin	9003-35-4	5%	0.0521%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.00433%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.00433%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00362%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.0078%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00015%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.07948%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.00674%
			Monoethanolamine borate	26038-87-9	100%	0.02248%
FR-48	Halliburton	Friction Reducer	Contains no hazardous substances	Mixture	100%	0.04512%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	0.0222%
FDP-S1007-11	Halliburton	Surfactant	Citrus, extract	94266-47-4	10%	0.0086%
			Isopropanol	67-63-0	30%	0.02581%
Scaetrol	Halliburton				100%	0%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00121%
			Walnut hulls	Mixture	100%	0.00405%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00451%
WG-35 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.09886%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01847%
Parasorb	Halliburton				100%	0.01865%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	9E-05%
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%
			2,2'-Azobis-[2-(imidazlin-2-yl)propane]-dihydrochloride	27776-21-2	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl)azo]-, trisodium salt	915-67-3	0%	0%
			Acetic acid	64-19-7	0%	0%
			Acetic anhydride	108-24-7	0%	0%
			Acrylamide	Confidential Business Information	0%	0%
			Aluminum chloride, basic	1327-41-9	0%	0%
			Amine Salts	Confidential Business Information	0%	0%
			Amine Salts	Confidential Business Information	0%	0%
			Ammonium salt	Confidential Business Information	0%	0%
			Ammonium Sulfate	7783-20-2	0%	0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Citric acid	77-92-9	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%
			Enzyme	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Ethoxylated Nonylphenol	Confidential Business Information	0%	0%
			Glycerine	56-81-5	0%	0%
			Modified Bentonite	Confidential Business Information	0%	0%
			Polyacrylate	Confidential Business Information	0%	0%
			Polydimethyl dially ammonium chloride	26062-79-3	0%	0%
			Polymer	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 chloride	7647-14-5	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Surfactant blend	Proprietary	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: Monti Sanders		Permitting / ROW Title: Technician		
Date: 9/11/2012						
E-mail Address: msanders@concho.com						

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