

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: 30-015-40740				
		2. Well Name: CLUSTER STATE COM #005H				
		3. Well Number: 005H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:M Section:16 Township:26S Range:27E Feet from:380 N/S Line:S Feet from:190 E/W Line:W				
		5. Bottom Hole Location: Unit:P Lot:P Section:16 Township:26S Range:27E Feet from:428 N/S Line:S Feet from:339 E/W Line:E				
		6. Latitude: 32.0361177645331 Longitude: - 104.203007261046				
		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: 5/11/2013 Frac Performed by: Halliburton				12. Production Type: O		
13. Pool Code(s): 64010				14. Gross Fractured Interval: 7,699 ft to 11,910 ft		
15. True Vertical Depth (TVD): 7,561 ft				16. Total Volume of Fluid Pumped: 56,276 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%	84.59037%
HYDROCHLORIC ACID 5-10%	Halliburton		Hydrochloric acid	7647-01-0	10%	0.23218%
Premium White 20/40	Halliburton				100%	10.31116%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.3217%
			Hexamethylenetetramine	100-97-0	2%	0.04643%
			Phenol / formaldehyde resin	9003-35-4	5%	0.11609%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.00497%
			Silica, amorphous precipitated	67762-90-7	30%	0.00149%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00397%
CLA-STAXP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.06028%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.00851%
			Monoethanolamine borate	26038-87-9	100%	0.02837%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.02498%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.02498%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02692%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	8E-05%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00156%
			Ammonium sulfate Inorganic Salt	Confidential Business Information	30%	0.00938%
LOSURF-360W	Halliburton				100%	0%
Scaletrol	Halliburton				100%	0%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00135%
			Walnut hulls	Mixture	100%	0.00451%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00298%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.113%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.02148%
3rd Party Scale Inhibitor	Operator	*3rd Party Additive	*Supplied by Operator		100%	0.02148%
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: Kacie Connally Title: Permitting Tech						
Date: 6/18/2013						
E-mail Address: kconnally@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.						