

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: 30-015-40652				
		2. Well Name: REPOSADO 2 STATE COM #003H				
		3. Well Number: 003H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:2 Township:26S Range:29E Feet from:360 N/S Line:S Feet from:1840 E/W Line:W				
		5. Bottom Hole Location: Unit:C Lot:C Section:2 Township:26S Range:29E Feet from:336 N/S Line:N Feet from:1637 E/W Line:W				
		6. Latitude: 32.0651425255666 Longitude: - 103.956937056464				
		7. County: Eddy				
8. Operator Name and Address: COG PRODUCTION, LLC 600 W. Illinois Ave Midland 79701				9. OGRID: 217955		10. Phone Number: 432-685-4372
11. Last Fracture Date: 12/19/2012 Frac Performed by: Halliburton				12. Production Type: O		
13. Pool Code(s): 13354				14. Gross Fractured Interval: 8,998 ft to 13,305 ft		
15. True Vertical Depth (TVD): 7,645 ft				16. Total Volume of Fluid Pumped: 79,766 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%	85.84412%
HCl < 10%	Halliburton				100%	1.69147%
100 Mesh	Halliburton				100%	2.44937%
Brady - 30/50	Halliburton				100%	8.42404%
30/50 SDC	Halliburton				100%	1.17824%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00012%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01156%
			Monoethanolamine borate	26038-87-9	100%	0.03852%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00031%
			Ammonium bisulfate	7783-20-2	30%	0.00187%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01533%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00324%
LoSurf-300D	Halliburton	Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00062%
			Ethanol	64-17-5	60%	0.03735%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.01868%
			Naphthalene	91-20-3	5%	0.00311%
			Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00311%
MO-67	Halliburton	Buffer	Sodium hydroxide	1310-73-2	30%	0.00174%
Scalechek® LP-65 Scale Inhibitor	Halliburton	Scale Control	Ammonium chloride	12125-02-9	10%	0.00211%
Cla-Web™	Halliburton	Additive	Tetramethyl ammonium chloride	75-57-0	1%	0.00038%
			Proprietary	Confidential Business Information	30%	0.01153%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.01442%
			Ethoxylated Nonylphenol	Confidential Business Information	60%	0.01442%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00171%
			Walnut hulls	Mixture	100%	0.0057%
OptiKleen-WF™	Halliburton	Surfactant	Sodium perborate tetrahydrate	10486-00-7	100%	0.00076%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Clay Control	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01014%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.1414%
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 - NM		
Date: 4/9/2013						
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.