

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: 30-015-37255					
		2. Well Name: DOWN SOUTH STATE COM #003H					
		3. Well Number: 003H					
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:L Lot:L Section:19 Township:26S Range:28E Feet from:2180 N/S Line:S Feet from:330 E/W Line:E					
		5. Bottom Hole Location: Unit:L Lot:L Section:19 Township:26S Range:28E Feet from:1824 N/S Line:S Feet from:286 E/W Line:W					
		6. latitude: longitude: 32.0264109898868 - 104.119184395934					
		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: 4/8/2013 Frac Performed by: Halliburton		12. Production Type: O					
13. Pool Code(s): 30215		14. Gross Fractured Interval: 7,985 ft to 12,160 ft					
15. True Vertical Depth (TVD): 7,672 ft		16. Total Volume of Fluid Pumped: 6,630 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%	39.10227%	
FE ACID - <10% HCL	Halliburton	Solvent	Hydrochloric acid	7647-01-0	10%	8.98945%	
Premium White 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	40.25415%	
CRC 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	10.11225%	
			Hexamethylenetetramine	100-97-0	2%	0.20225%	
			Phenol / formaldehyde resin	9003-35-4	5%	0.50561%	
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00469%	
			Ammonium sulfate	Confidential Business Information	30%	0.02814%	
			Inorganic Salt				
LOSURF-360W	Halliburton				100%	0%	
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.32596%	
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	0.09859%	
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.01966%	
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00023%	
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.03211%	
			Monoethanolamine borate	26038-87-9	100%	0.10704%	
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.09755%	
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.09755%	
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.01289%	
Scaletrol	Operator	Scale			100%	0%	
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.01391%	
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00584%	
			Walnut hulls	Mixture	100%	0.01947%	
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.08007%	
Parasorb	Operator	Parafin		7647-14-5	100%	0.08428%	
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:	4/24/2013						
E-mail Address:	kconnally@concho.com						