

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: 30-015-37254				
		2. Well Name: DOWN SOUTH STATE COM #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:H Lot:H Section:19 Township:26S Range:28E Feet from:1980 N/S Line:N Feet from:330 E/W Line:E				
		5. Bottom Hole Location: Unit:E Lot:E Section:19 Township:26S Range:28E Feet from:2066 N/S Line:N Feet from:332 E/W Line:W				
		6. latitude: longitude: 32.0296605553883 - 104.11919480798				
		7. County: Eddy				
8. Operator Name and Address: COG OPERATING LLC 550 W TEXAS SUITE 1300 MIDLAND 79701				9. OGRID: 229137		10. Phone Number:
11. Last Fracture Date: 7/12/2012 Frac Performed by: Halliburton				12. Production Type: O		
13. Pool Code(s): 30215				14. Gross Fractured Interval: 8,015 ft to 12,163 ft		
15. True Vertical Depth (TVD): 7,674 ft				16. Total Volume of Fluid Pumped: 61,938 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%	85.47095%
HYDROCHLORIC ACID 5-10%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	10%	2.1329%
Premium White 20/40	Halliburton				100%	10.73143%
CRC-16/30	Halliburton				100%	1.10456%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00011%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.00713%
			Monoethanolamine borate	26038-87-9	100%	0.02376%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.00424%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.00424%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00163%
			Ammonium sulfate Inorganic Salt	Confidential Business Information	30%	0.00976%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.08324%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00369%
FDP-S1011-11	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.03261%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	0.02273%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00142%
3rd Party Scale Inhibitor	Operator	*3rd Party Additive	*Supplied by Operator		100%	0.01262%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00166%
			Walnut hulls	Mixture	100%	0.00552%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00428%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01972%
WG-35 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.10003%
3rd Party Surfactant	Operator	*3rd Party Additive	*Supplied by Operator		100%	0.01972%
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%
			Amine Salt	Confidential Business Information	0%	0%
			Amine Salts	Confidential Business Information	0%	0%
			Amine Salts	Confidential Business Information	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%
			Ethoxylated Nonylphenol	Confidential Business Information	0%	0%
			Glycerine	56-81-5	0%	0%
			Modified acrylamide copolymer	Proprietary	0%	0%
			Modified acrylate polymer	Proprietary	0%	0%
			Modified Bentonite	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 acetate	127-09-3	0%	0%
			Sodium chloride	7647-14-5	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		
Date: 8/8/2012				Title: Technician		
E-mail Address: msanders@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.						