

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. 30-025-40069				
		2. Well Name: SOL 28 FEDERAL #001H				
		3. Well Number: 001H				
<b>HYDRAULIC FRACTURING FLUID DISCLOSURE</b>  <input checked="" type="checkbox"/> Original  <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:P Lot:P Section:28 Township:25S Range:32E Feet from:440 N/S Line:S Feet from:440 E/W Line:E				
		5. Bottom Hole Location: Unit:M Lot:M Section:28 Township:25S Range:32E Feet from:349 N/S Line:S Feet from:360 E/W Line:W				
		6. latitude: longitude: 32.0954258000781 - 103.67285470944				
		7. County: Lea				
8. Operator Name and Address: COG PRODUCTION, LLC 550 W. Texas Avenue, Suite 100 Midland 79701		9. OGRID: 217955		10. Phone Number: 432-685-4372		
11. Last Fracture Date: 9/20/2012 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 96403, 97838		14. Gross Fractured Interval: 9,810 ft to 13,703 ft				
15. True Vertical Depth (TVD): 9,343 ft		16. Total Volume of Fluid Pumped: 83,644 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%	0%
FE Acid < 10%	Halliburton				100%	0%
100 Mesh	Halliburton				100%	23.99059%
30/50 Ottawa	Halliburton				100%	72.98215%
FDP-S1041-12	Halliburton				100%	0%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.3253%
Cla-Web™	Halliburton	Additive	Tetramethyl ammonium chloride	75-57-0	1%	0.00272%
			Proprietary	Confidential Business Information	30%	0.08173%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.02441%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.11473%
SCALECHEK LP-60	Halliburton	Scale Inhibitor	Hydrochloric acid	7647-01-0	10%	0.01802%
			Phosphonic acids	Confidential Business Information	30%	0.05407%
MO-67	Halliburton	Buffer	Sodium hydroxide	1310-73-2	30%	0.02661%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00937%
			Ammonium bisulfate	7783-20-2	30%	0.05624%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0%
			Ethoxylated Nonylphenol	Confidential Business Information	60%	0%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.17594%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00595%
			Potassium metaborate	13709-94-9	60%	0.0714%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.01064%
			Walnut hulls	Mixture	100%	0.03548%
OptiKleen-WF™	Halliburton	Surfactant	Sodium perborate tetrahydrate	10486-00-7	100%	0.01873%
WG-35 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.93101%
					0%	0%
					0%	0%
					0%	0%
					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: 10/16/2012						
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.