

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. 30-015-39910				
		2. Well Name: DODD FEDERAL UNIT #590				
		3. Well Number: 590				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:P Lot:P Section:11 Township:17S Range:29E Feet from:990 N/S Line:S Feet from:990 E/W Line:E				
		5. Bottom Hole Location: Unit:P Lot:P Section:11 Township:17S Range:29E Feet from:990 N/S Line:S Feet from:990 E/W Line:E				
		6. latitude: longitude: 0 0				
		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: 4/19/2012 Frac Performed by: Baker Hughes			12. Production Type: O			
13. Pool Code(s): 28509			14. Gross Fractured Interval: 4,170 ft to 4,420 ft			
15. True Vertical Depth (TVD): 4,571 ft			16. Total Volume of Fluid Pumped: 2,748 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				0%	0%
HCL Acid	Halliburton				0%	0%
Ottawa 16/30	Halliburton				0%	0%
CRC 16/30	Halliburton				0%	0%
BE-7™	Halliburton	Biocide	Sodium hydroxide	1310-73-2	2%	0.0009%
			Sodium hypochlorite	7681-52-9	30%	0.01357%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00022%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01766%
			Monoethanolamine borate	26038-87-9	100%	0.05887%
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00072%
			Ethanol	64-17-5	60%	0.04334%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.02167%
			Naphthalene	91-20-3	5%	0.00361%
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00361%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.01357%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.01357%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00167%
			Walnut hulls	Mixture	100%	0.00556%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.13082%
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: Chasity Jackson Title: Regulatory Analyst						
Date: 5/16/2012						
E-mail Address: cjackson@conchoresources.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.