

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. 30-015-39964				
		2. Well Name: GADWALL 18 FEDERAL COM #003				
		3. Well Number: 003				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:D Lot:D Section:18 Township:25S Range:27E Feet from:330 N/S Line:N Feet from:810 E/W Line:W				
		5. Bottom Hole Location: Unit:D Lot:D Section:18 Township:25S Range:27E Feet from:330 N/S Line:N Feet from:810 E/W Line:W				
		6. latitude: longitude: 0 0				
		7. County: Eddy				
8. Operator Name and Address: CIMAREX ENERGY CO. OF COLORADO 600 N. Marienfeld St Suite 600 Midland 79701			9. OGRID: 162683		10. Phone Number: 432-620-1938	
11. Last Fracture Date: 5/24/2012 Frac Performed by: Schlumberger			12. Production Type: O			
13. Pool Code(s): 97494			14. Gross Fractured Interval: 7,719 ft to 7,787 ft			
15. True Vertical Depth (TVD): 7,787 ft			16. Total Volume of Fluid Pumped: 29,424 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)
WF120, YF120FLEX	Schlumberger	Bactericide, Surfactant, Breaker, Additive, Gelling Agent, Crosslinker, Activator, Propping Agent	Water (Including Mix Water Supplied by Client)*	-	0%	84.10093%
			Crystalline silica	14808-60-7	96.85%	15.39767%
			Carbohydrate polymer	Proprietary	1.09%	0.17403%
			Ethane-1,2-diol	107-21-1	0.61%	0.09713%
			Inert fiber	Proprietary	0.17%	0.02761%
			Diammonium peroxidisulphate	7727-54-0	0.14%	0.02286%
			Sodium tetraborate	1330-43-4	0.08%	0.01214%
			Polyethylene glycol monohexyl ether	31726-34-8	0.06%	0.01012%
			Aliphatic co-polymer	Proprietary	0.05%	0.00738%
			Glutaraldehyde	111-30-8	0.04%	0.00702%
Cronox AK-50	Petroplex	Corrosion Inhibitor	Sodium hydroxide	1310-73-2	0.13%	0.02129%
			Oxyalkylated Alkylphenol	Trade Secret	0%	8E-05%
			Heavy Aromatic Naptha	64742-94-5	0%	8E-05%
			Isopropanol	67-63-0	0%	8E-05%
			Fatty Acids	Trade Secret	0%	3E-05%
			Complex Alkylaryl Polyo-Ester	Trade Secret	0%	3E-05%
			Tar Bases, Quinoline Derivatives, Benzyl Chloride-Quaternized	72480-70-7	0%	3E-05%
			Formaldehyde	50-00-0	0%	3E-05%
			Acetylenic Alcohol	Trade Secret	0%	1E-05%
			Propargyl Alcohol	107-19-7	0%	1E-05%
Citric Acid	Petroplex	Iron Control	Napthalene	91-20-3	0%	1E-05%
			Citric Acid	77-92-9	0%	0.00066%
EC9546A	Petroplex	Surfactant	Heavy Aromatic Naptha	64742-94-5	0%	2E-05%
			Isopropanol	67-63-0	0%	0.00015%
			Polyethylene Glycol	25322-68.3	0%	1E-05%
			Napthalene	91-20-3	0%	0%
			Phosphoric Acid Ester	Trade Secret	0%	2E-05%
			Oxyalkylated Alcohol	Trade Secret	0%	2E-05%
			Oxyalkylated Alkyl Alcohol	Trade Secret	0%	2E-05%
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: Skipper Herring Manager Stimulation Title: Operations Date: 6/7/2012 E-mail Address: sherring@cimarex.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.