

Submit within 45 days of well completion	<b>State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505</b>	Revised February 15, 2012				
<b>HYDRAULIC FRACTURING FLUID DISCLOSURE</b>  <input checked="" type="checkbox"/> Original  <input type="checkbox"/> Amendment		1. WELL API NO. 30-025-40358				
		2. Well Name: EMERALD FEDERAL #012				
		3. Well Number: 012				
		4. Surface Hole Location: Unit:I Lot:I Section:17 Township:17S Range:32E Feet from:2381 N/S Line:S Feet from:919 E/W Line:E				
		5. Bottom Hole Location: Unit:I Lot:I Section:17 Township:17S Range:32E Feet from:2381 N/S Line:S Feet from:919 E/W Line:E				
		6. latitude: longitude: 32.8339109141409 - 103.7830999348				
		7. County: Lea				
8. Operator Name and Address: CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington 87402		9. OGRID: 217817		10. Phone Number: 505-326-9518		
11. Last Fracture Date: 6/14/2012 Frac Performed by: Schlumberger		12. Production Type: O				
13. Pool Code(s): 44500		14. Gross Fractured Interval: 5,447 ft to 6,697 ft				
15. True Vertical Depth (TVD): 999 ft		16. Total Volume of Fluid Pumped: 6,980 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, 15% HCL, WF110, YF120FLEX, YF125FLEX	Schlumberger	Base Fluid, Bactericide, Breaker, Breaker Aid, Chelating Agent, Corrosion Inhibitor, Crosslinker, Ge	Crystalline silica	14808-60-7	77.68858%	15.1263%
			Hydrochloric Acid	7647-01-0	2.50236%	0.48722%
			Carbohydrate polymer	Trade Secret	1.13166%	0.22034%
			Methanol	67-56-1	0.47457%	0.0924%
			Aliphatic polyol	Trade Secret	0.37149%	0.07233%
			Ethane-1,2-diol	107-21-1	0.22347%	0.04351%
			Glutaraldehyde	111-30-8	0.21217%	0.04131%
			2,2',2"-nitrilotriethanol	102-71-6	0.2095%	0.04079%
			Diammonium peroxidisulphate	7727-54-0	0.19584%	0.03813%
			Potassium hydroxide	1310-58-3	0.18577%	0.03617%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.15737%	0.03064%
			Oxyalkylated alkanols	Trade Secret	0.07617%	0.01483%
			Propan-2-ol	67-63-0	0.07617%	0.01483%
			Oxyalkylated alkyl alcohol (1)	Trade Secret	0.06286%	0.01224%
			Oxyalkylated alcohol (2)	Trade Secret	0.06286%	0.01224%
			Quaternary ammonium compound	Trade Secret	0.04699%	0.00915%
			Methyl alcohol	67-56-1	0.04679%	0.00911%
			Sodium chloride	7647-14-5	0.03724%	0.00725%
			Calcium chloride	10043-52-4	0.03724%	0.00725%
			Oxyalkylated alcohol (1)	Trade Secret	0.03143%	0.00612%
			Heavy aromatic naphtha	64742-94-5	0.03143%	0.00612%
			Aliphatic acids	Trade Secret	0.02599%	0.00506%
			Sodium hydroxide	1310-73-2	0.0131%	0.00255%
Prop-2-yn-1-ol	107-19-7	0.00868%	0.00169%			
Trisodium nitrilotriacetate (impurity)	5064-31-3	0.00262%	0.00051%			
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: <u>Signed Electronically</u>		Printed Name: <u>Rhonda S Rogers</u>		Title: <u>Staff Regulatory Technician</u>		
Date: <u>6/15/2012</u>						
E-mail Address: <u>rhonda.s.rogers@conocoPhillips.com</u>						

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.