

Submit within 45 days of well completion	<div>State of New Mexico</div> <div>Energy, Minerals and Natural Resources</div> <div>Oil Conservation Division</div> <div>1220 S. St Francis Dr.</div> <div>Santa Fe, NM 87505</div>	Revised February 15, 2012				
		1. WELL API NO: 30-025-40506				
		2. Well Name: EMERALD FEDERAL #010				
		3. Well Number: 010				
<div>HYDRAULIC FRACTURING FLUID DISCLOSURE</div> <div><input checked="" type="checkbox"/>Original</div> <div><input type="checkbox"/>Amendment</div>		4. Surface Hole Location: Unit:P   Lot:P   Section:17   Township:17S   Range:32E Feet from:990   N/S Line:S Feet from:435   E/W Line:E				
		5. Bottom Hole Location: Unit:P   Lot:P   Section:17   Township:17S   Range:32E Feet from:990   N/S Line:S Feet from:435   E/W Line:E				
		6. latitude: 32.8300873654494   longitude: -   103.781511345026				
		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:   5/3/2012   Frac Performed by:   Trican				12. Production Type: O		
13. Pool Code(s): 44500				14. Gross Fractured Interval: 5,889 ft to 6,794 ft		
15. True Vertical Depth (TVD): 6,925 ft				16. Total Volume of Fluid Pumped: 1,305,864 gals		
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)
Water (gal)	ConocoPhillips	Base / Carrier Fluid	Water	7732-18-5	100%	92.5772%
Proppant (lbs)	Trican Well Service	Proppant	Crystalline Silica	14808-60-7	100%	6.2419%
WG-111L	Trican Well Service	Viscosifier	Light Hydrotreated Petroleum Distillate	64742-47-8	60%	0.0222%
			Polysaccharide Blend	9000-30-0	60%	0.0222%
CD-1	Trican Well Service	Breaker Intensifier	Triethanolamine	102-71-6	95%	0%
WBO-1	Trican Well Service	Breaker	Ammonium Persulfate	7727-54-0	100%	0.001%
S-15	Trican Well Service	Surfactant	Alcohol Alkoxylate	Proprietary	20%	0.0224%
			Methanol	67-56-1	20%	0.0224%
AcTivator	Trican Well Service	Resin Activator	Alcohols, C12-14-Secondary, ethoxylated	84133-50-6	70%	0.0114%
			Methanol	67-56-1	50%	0.0081%
			Polyethylene Glycol	25322-68-3	5%	0.0008%
pH-11	Trican Well Service	Buffering Agent	Potassium Hydroxide	1310-58-3	23%	0%
LCLM-30	Trican Well Service	Crosslinker	Potassium Metaborate	16481-66-6	100%	0.0073%
GBO-1	Trican Well Service	Friction Reducer Breaker	Sodium Perborate Tetrahydrate	10486-00-7	100%	0.0056%
15% Hydrochloric Acid	Trican Well Service	Hydrochloric Acid	Hydrochloric Acid	7647-01-0	15%	0.1351%
			Water	7732-18-5	85%	0.7691%
FR-12	Trican Well Service	Friction Reducer	Light Hydrotreated Petroleum Distillate	64742-47-8	60%	0.0537%
			Anionic Polyacrylamide Copolymer	25987-30-8	40%	0.0358%
			Ammonium Chloride	12125-02-9	2%	0.0018%
FEAC-20	Trican Well Service	Iron Control Agent	Acetic Acid	64-19-7	50%	0.0022%
			Citric Acid	77-92-9	30%	0.0013%
LAI-20	Trican Well Service	Acid Inhibitor	Methanol	67-56-1	40%	0.0012%
			Propargyl Alcohol	107-19-7	8%	0.0002%
			0	0	0%	0%
			0	#REF!	0%	0%
			0	0	0%	0%
			0	0	0%	0%
			0	0	0%	0%
			0	0	0%	0%
			0	0	0%	0%
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			0	0	0%	0%
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			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: <u>Signed Electronically</u>		Printed Name: <u>Rhonda S Rogers</u>		Staff Regulatory Title: <u>Technician</u>		
Date: <u>10/23/2013</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.