

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 November 6, 2013				
		1. WELL API NO: 30-025-40525				
		2. Well Name: EMERALD FEDERAL #005				
		3. Well Number: 005				
HYDRAULIC FRACTURING FLUID DISCLOSURE  <input checked="" type="checkbox"/> Original  <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:H    Lot:H    Section:17    Township:17S    Range:32E Feet from:2310    N/S Line:N Feet from:330    E/W Line:E				
		5. Bottom Hole Location: Unit:H    Lot:H    Section:17    Township:17S    Range:32E Feet from:2310    N/S Line:N Feet from:330    E/W Line:E				
		6. Iatitute: 32.8355256460161    longitude: -    103.781175481273				
		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:    Trican		12. Production Type: O				
13. Pool Code(s): 44500		14. Gross Fractured Interval: 5,530 ft to 6,798 ft				
15. True Vertical Depth (TVD): 7,270 ft		16. Total Volume of Fluid Pumped: 1,340,514 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
19. 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%	92.5588%
Proppant (lbs)	Trican Well Service	Proppant	Crystalline Silica	14808-60-7	100%	6.0858%
WG-111L	Trican Well Service	Viscosifier	Light Hydrotreated Petroleum Distillate	64742-47-8	60%	0.0242%
			Polysaccharide Blend	9000-30-0	60%	0.0242%
BXL-A	Trican Well Service	Breaker Intensifier	Amino Alcohols	proprietary	60%	0%
WBO-1	Trican Well Service	Breaker	Ammonium Persulfate	7727-54-0	100%	0.0004%
S-15	Trican Well Service	Surfactant	Alcohol Alkoxylate	Proprietary	20%	0.0219%
			Methanol	67-56-1	20%	0.0219%
AcTivator	Trican Well Service	Resin Activator	Alcohols, C12-14- Secondary, ethoxylated	84133-50-6	70%	0.0053%
			Methanol	67-56-1	50%	0.0038%
			Polyethylene Glycol	25322-68-3	5%	0.0004%
pH-11	Trican Well Service	Buffering Agent	Potassium Hydroxide	1310-58-3	23%	0.0004%
LCLM-30	Trican Well Service	Crosslinker	Potassium Metaborate	16481-66-6	100%	0.0084%
			Potassium Hydroxide	1310-21-1	25%	0.0021%
			Ethylene Glycol	107-21-1	25%	0.0021%
15% HCl	Trican Well Service	Acid	hydrochloric acid	7647-01-0	15%	0.162%
			water	7732-18-5	85%	0.9221%
LAI-21	Trican Well Service	Inhibitor	methanol	67-56-1	35%	0.0013%
			propargyl alcohol	107-19-7	10%	0.0004%
FEA-20	Trican Well Service	Iron Control	acetic acid	64-19-7	85%	0.0038%
			methanol	67-56-1	5%	0.0002%
GBO-1	Trican Well Service	Breaker	sodium perborate tetrahydrate	10486-00-7	100%	0.005%
FR-12	Trican Well Service	Friction Reducer	Petroleum distillate	64742-47-8	80%	0.0714%
			Anionic polyacrylamide copolymer	25987-30-8	25%	0.0223%
			Ammonium chloride	12125-02-9	2%	0.0018%
			0	0	0%	0%
			0	0	0%	0%
			0	0	0%	0%
			0	0	0%	0%
			Anionic polyacrylamide copolymer	25987-30-8	25%	0.0223%
			Ammonium chloride	12125-02-9	2%	0.0018%
			0	0	0%	0%
			0	0	0%	0%
			0	0	0%	0%
20. 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:    Ashley Martin		Staff Regulatory Title:    Technician				
Date:    11/18/2013						
E-mail Address:    Ashley.Martin@conocophillips.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.