

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: 30-025-41016				
		2. Well Name: RUBY FEDERAL #022				
		3. Well Number: 022				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:J Lot:J Section:18 Township:17S Range:32E Feet from:2310 N/S Line:S Feet from:2310 E/W Line:E				
		5. Bottom Hole Location: Unit:J Lot:J Section:18 Township:17S Range:32E Feet from:2310 N/S Line:S Feet from:2310 E/W Line:E				
		6. Latitude: 32.8337275057726 Longitude: - 103.804818136996				
		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: 5/7/2013 Frac Performed by: Trican		12. Production Type: O				
13. Pool Code(s): 44500		14. Gross Fractured Interval: 5,408 ft to 6,657 ft				
15. True Vertical Depth (TVD): 6,905 ft		16. Total Volume of Fluid Pumped: 9,873 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)
Water	Customer	Water	Water	7732-18-5	100%	80.88801%
Frac Sand - regular	Trican	Proppant	Crystalline silica	14808-60-7	100%	15.28248%
S-15	Trican	Surfactant	Alcohol alkoxylate	Trade Secret	20%	0.01479%
			Methanol	67-56-1	20%	0.01479%
WG-111L	Trican	Gelling Agent	light hydrotreated petroleum distillate	64742-47-8	60%	0.27565%
			polysaccharide blend	9000-30-0	60%	0.27565%
LCLM-30	Trican	Crosslinker	Ethylene glycol	107-21-1	25%	0.0256%
			Potassium Metaborate	16481-66-6	0%	0%
			Potassium Hydroxide	1310-58-3	25%	0.03%
BXL-A	Trican	Breaker Activator	Triethanolamine	102-71-6	70%	0.05461%
			Diethanolamine	111-42-2	0%	0%
Activator	Trican	Resin Activator	Alcohols, C12-14 -secondary, ethoxylated	84133-50-6	70%	0.05%
			Methanol	67-56-1	50%	0.03338%
			Polyethylene glycol	25322-68-3	5%	0.00334%
WBO-1	Trican	Breaker	Ammonium persulfate	7727-54-0	100%	0.00971%
Bactron K-31	Third Party	Biocide	Gluteraraldehyde	111-30-8	25%	0.01322%
Gypton T-249	Third Party	Scale Inhibitor	Amine Phosphonate 1	Proprietary	60%	0.05802%
			Hydrochloric Acid	7647-01-0	10%	0.00967%
			Phosphoric Acid	7664-38-2	1%	0.00097%
FEAC-20	Trican	Iron Control	Acetic acid	64-19-7	45%	0.00404%
			Citric acid	77-92-9	30%	0.00269%
LAI-20	Trican	Acid Inhibitor	Methanol	67-56-1	40%	0.00429%
			Propargyl Alcohol	107-19-7	8%	0.00086%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.00322%
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: Ashley Martin		Title: Staff Regulatory Technician		
Date: 6/6/2013						
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.						