Submit within 45 days of w		2000	State of New Mexico				Revised February 15, 2012 1. WELL API NO.		
	E		erals and Natural Resources			30-025-40895			
Oil Conservation Division 1220 S. St Francis Dr.						2. Well Name: RUBY FEDERAL #021			
Santa Fe, NM 87505						3. Well Number: 021			
HYDRAULIC	FRACTURING	FI UID	4 - 153	William II		4. Surface Hole L		M. (F.) 224 (A.) 224 (A.) (B.) (A.) (A.) (A.) (A.) (A.) (A.) (A.) (A	
DISCLOSURE						Unit:J Lot:J Section:18 Township:17S Range:32E Feet from:1650 N/S Line:S Feet from:1650 E/W Line:E			
⊠ Original						5. Bottom Hole Lo Unit:J Lot:J		ownship:17S Range:32E	
□ Amendment						Feet from:1650 N/S Line:S			
						6. latitude: 32.83	319107028003	longitude: -103.802656217	
						7. County: Lea			
						Lea	7		
3401 E. 30th St	LIPS COMPANY treet				9. OGRID:	217817	10. Phone Numb	ber: 505-326-9518	
Farmington 87402 11. Last Fracture Date: 4/26/2013 Frac Performed by: Trican 11.					and the second second	oduction Type:			
						O Fractured Interval:			
44500 15. True Vertical Depth (TVD): 18. Tota						5,450 ft to 6,288 ft olume of Fluid Pumped:			
6,930 ft 17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:					311,640 gals				
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemi Service #	cal Abstract	Maximum Ingred Concentration in mass)		Maximum Ingredient Concentration in HF Fluid (% mass)	
water	customer	water	water	7732-18-5		100%		78.49089	
Frac Sand - regular WG-111L	Trican Trican	Proppant Gelling Agent	Crystalline silica	14808-60-7 64742-47-8 9000-30-0		100%		17.59504 0.2901	
WO-111E	mean	Genning / ngent	petroleum distillate polysaccharide			60%		0.2901	
LCLM-30	Trican	Crosslinker	blend Ethylene glycol	107-21-1		8	25%	0.02785	
	modif	Crossilliker	Potassium Metaborate	16481-66-6			0%	0	
			Potassium Hydroxide	1310-58-3		. E	25%	0.02785	
BXL-A	Trican	Breaker Activator	Triethanolamine Diethanolamine	102-71-6 111-42-2		70%		0.05608 0.00075	
S-15	Trican	Surfactant	Alcohol alkoxylate	Trade Secret		20%			
AcTivator	Trican	Resin Activator	Methanol Alcohols, C12-14- secondary,	67-56-1 84133-50-6			20% 70%	0.01494 0.05	
			ethoxylated Methanol	67-56-1			50%	0.03741	
			Polyethylene glycol 25322-68-3			5%			
WBO-1	Trican	Breaker	Ammonium persulfate	7727-54-0		100%		0.00906	
FEAC-20	Trican	Iron Control	Acetic acid	64-19-7		45% 30%			
LAI-20	Trican	Acid Inhibitor	Citric acid Methanol	77-92-9 67-56-140 107-19-7 68527-49-1 Trade Secret			40%		
D. 20			Propargyl Alcohol				8%	0.001	
			thiourea- formaldehyde copolymer				30%	0.00377	
			alcohol ethoxylate surfactants				30%		
Bactron K-31	Third Party	Biocide	n-olefins Gluteraraldehyde	Trade Secret 111-30-8		10% 25%			
HCI 15%	Trican	Acid	Hydrochloric acid	7647-01-0			15%		
18. I, as Operator, hereby ce	The state of the s	shown on this disclosure form			ledge and beli	5,400	9/4: 18 - 20 - 20 - 20 - 20 - 20 - 20 - 20 - 2		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	d Electronically	Printed Name	e: Rhonda S Rogers			Staf Title: Tec	f Regulatory hnician		

E-mail Address: rhonda.s.rogers@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.