Submit within 45 days of we	Il completion		C 11	••		T		Revised F	ebruary 15, 2012	
		State of New Mexico				1. WELL API NO.				
		Energy, Miner	als and Natui	ral Reso	urces					
Oil Conservation Division						2. Well Name:				
						RUBY FEDERAL #051				
1220 S. St Francis Dr.						3. Well Number:				
Santa Fe, NM 87505						051				
HYDRAULIC F	RACTUR	ING FLUID				Surface Hole I Unit:N Lot:N		Township:17S	Range:32E	
DISCLOSURE						Feet from:330		V/S Line:S	Range.52L	
⊠ Original						Feet from:2155 5. Bottom Hole L		E/W Line:W		
□ Amendment						Unit:N Lot:N Section:17 Township:17S Range:32E			Range:32E	
Amendment						Feet from: 330 Feet from: 2155		WS Line:S E/W Line:W		
						6. latitude:		longitude:		
						32.8	282745712347	103.7902034	462888	
						7. County:		100.100200	102000	
						Lea				
 Operator Name and Address CONOCOPHILL 		,			9. OGRID:	217817	10. Phone Numb	ber:	505-326-9518	
3401 E. 30th Str										
Farmington 874 11. Last Fracture Date: 5/1		Porformed by: Tripon			12. Producti	on Type:				
11. Last Fracture Date. 5/	11/2013 Fract	-enormed by. Trican			O C					
						Fractured Interval:				
44500 15. True Vertical Depth (TVD):						5,405 ft to 6,750 ft I Volume of Fluid Pumped:				
6,963 ft 17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:					5	527,226 gals				
17. HYDRAULIC FLUI Trade Name	Supplier	Purpose	A IION: Ingredients	(CAS #) Chemi	cal Abstract	Maximum Ingred	lient	Maximum Ing	radiant	
riade Name	Supplier	Tulpose	ingredients	Service #	cai Abstract	Concentration in		Concentration	in HF Fluid (% by	
Water	ConocoPh	illips Water	Water	7732-18-5		mass) 100%		mass)	84.43295%	
Frac Sand - regular	Trican	Proppant	Crystalline silica	14808-60-7		100%			12.69639%	
S-15	Trican	Surfactant	Alcohol alkoxylate Methanol	Trade Secret 67-56-1		20%			0.01347% 0.01347%	
WG-111L	Trican	Gelling Agent	light hydrotreated	64742-47-8		60%			0.24638%	
			petroleum distillate							
			polysaccharide blend	9000-30-0			60%		0.24638%	
LCLM-30	Trican	Crosslinker	Ethylene glycol	107-21-1			25%		0.02612%	
		1000000	Potassium Metaborate	16481-66-6	16481-66-6		0%		0%	
			Potassium	1310-58-3			25%		0.03%	
5.0			Hydroxide	100.71.0						
BXL-A	Trican	Breaker Activator	Triethanolamine Diethanolamine	102-71-6 111-42-2		70%			0.04893%	
AcTivator	Trican	Resin Activator	Alcohols, C12-14-	84133-50-6			70%			
	300000000000000000000000000000000000000		secondary, ethoxylated							
			Methanol	67-56-1			50%		0.02667%	
			Polyethylene glycol	25322-68-3			5%		0.00267%	
WBO-1	Trican	Breaker	Ammonium persulfate	7727-54-0			100%		0.01239%	
Bactron K-31	Third Party	Biocide	Gluteraraldehyde	111-30-8		25%			0.01046%	
Gyptron T-249	Third Party	Scale Inhibitor	Amine Phosphonate Proprietary				60%		0.04764%	
			1 Hydrochloric Acid	7647-01-0			10%		0.00794%	
			Phosphoric Acid	7664-38-2		1%		0.00079%		
FEAC-20	Trican	Iron Control	Acetic acid	64-19-7 77-92-9			45%		0.00332%	
LAI-20	Trican	Acid Inhibitor	Citric acid Methanol	67-56-1			30% 40%		0.00221% 0.00353%	
			Propargyl Alcohol	107-19-7		-	8%		0.00071%	
			thiourea- formaldehyde	68527-49-1			30%		0.00264%	
			copolymer			l v				
			alcohol ethoxylate	Trade Secret			30%		0.00264%	
			surfactants n-olefins	Trade Secret		N N	10%		0.00088%	
<u> </u>			Hydrochloric acid	7647-01-0			15%		0.30227%	
		nation shown on this disclosure form	TO NAME AND DESCRIPTION OF THE PARTY OF THE	best of my knowl	ledge and beli	100 100 10	Deculation			
Signature: Signed	I Electronically	Printed Name:	Ashley Martin	2		Staff Title: Tech	Regulatory nician			
Date: 10/23/2	2013									
E-mail Address: Ashley.	.Martin@conoc	ophillips.com	<u> </u>					<u> </u>	<u> </u>	

MMOCD 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.