

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: 30-025-41502				
		2. Well Name: RUBY FEDERAL #029				
		3. Well Number: 029				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:E Lot:E Section:17 Township:17S Range:32E Feet from:1850 N/S Line:N Feet from:990 E/W Line:W				
		5. Bottom Hole Location: Unit:E Lot:E Section:17 Township:17S Range:32E Feet from:1850 N/S Line:N Feet from:990 E/W Line:W				
		6. Latitude: 32.8367934343073 Longitude: - 103.794028274113				
		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: 2/11/2014 Frac Performed by: Cudd		12. Production Type: O				
13. Pool Code(s): 44500		14. Gross Fractured Interval: 5,452 ft to 6,625 ft				
15. True Vertical Depth (TVD): 6,986 ft		16. Total Volume of Fluid Pumped: 367,027 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		Carrier / Base Fluid		7732-18-5	100%	80.72259%
Sand		Proppant	Silicon Dioxide	14808-60-7	100%	13.93017%
Super DC/LC TLC/THS Opti RCS	Sandtrol	Proppant	Silicon Dioxide	14808-60-7	97%	1.46445%
			P/F Novolak Resin	9003-35-4	5%	0.07549%
			Hexamethylenetetramine	1009-7-0	1%	0.0151%
B-115	Reef	Liquid Biocide	Gluteraldehyde	111-30-8	15%	0.00753%
			Methanol(Proprietary)	67-56-1	85%	0.04266%
15% Hydrochloric Acid	Reagent	Scale Dissolver	Water(Proprietary)	7732-18-5	85%	0.04266%
			37% Hydrochloric Acid	7647-01-0	15%	0.44327%
I-112	Chemplex,L.C.	Acid Corrosion Inhibitor	Water	7732-18-5	85%	2.51185%
			Methanol	67-56-1	49.6%	0.00119%
SG-15G	PIP Technology	Polymer	Propargyl Alcohol	107-19-7	4%	9E-05%
			Guar Gum	9000-30-0	50%	0.25938%
			Petroleum Distillate (Mineral Oil)	64742-47-8	55%	0.28532%
XL-335	ASK	Crosslinker	Bentonite Clay	14808-60-7	2%	0.01038%
			Surfactant	68439-51-0	2%	0.01038%
			Ethylene Glycol	107-21-1	25%	0.02501%
			Potassium Hydroxide	1310-58-3	25%	0.02501%
			Proprietary	Proprietary	25%	0.02501%
GB-2	Fritz Industries, Inc.	Breaker	Proprietary	Proprietary	15%	0.01501%
			Proprietary	Proprietary	10%	0.01%
			Ammonium Persulfate	7727-54-0	99.9%	0.00092%
			Silica, Crystalline-Quartz	14808-60-7	10%	0.00082%
			Isopropanol	67-63-0	5%	0.00012%
			Methanol	67-56-1	50%	0.00124%
			Alkyl Quanternary Ammonium Chlorides	Mixture	25%	0.00062%
			Diethanolamine	111422	2%	2E-05%
			1,3-Propanediol, 2-amino-2-(hm)-polymer	Trade Secret	8%	0.0002%
			2-Butoxy-1-ethanol	111-76-2	7%	0.00017%
NE-212	Chemplex, L.C.	Non-emulsifier	Cocamide	68603-42-9	2%	5E-05%
			Diethanolamine Salt			
			Isopropanol	67-63-0	15%	0.01152%
NE-227	CESI	Non-emulsifier	Methanol	67-56-1	15%	0.01152%
			Ethoxylated Nonylphenol	9016-45-9	20%	0.01535%
			Citric Acid Anhydrous	77-92-9	55%	0.00902%
FE-4	Chemplex, L.C.	Iron Control Additive	Water	7732-18-5	55%	0.00902%
Superset W	Santrol	Resin Activator	Methanol	67-56-1	50%	0.01321%
			Poly(oxyethylene) nonyphenol ether	9016-45-9	54%	0.01427%
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: 3/3/2014						
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.