

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				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		1. WELL API NO: 30-025-40394				
		2. Well Name: RUBY FEDERAL #002				
		3. Well Number: 002				
		4. Surface Hole Location: Unit:O Lot:O Section:17 Township:17S Range:32E Feet from:1140 N/S Line:S Feet from:2310 E/W Line:E				
		5. Bottom Hole Location: Unit:O Lot:O Section:17 Township:17S Range:32E Feet from:1140 N/S Line:S Feet from:2310 E/W Line:E				
		6. latitude: 32.8304977 longitude: -103.7876129				
		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: 6/3/2015 Frac Performed by: J4		12. Production Type: O				
13. Pool Code(s): 43329		14. Gross Fractured Interval: 3,457 ft to 4,123 ft				
15. True Vertical Depth (TVD): 3,457 ft		16. Total Volume of Fluid Pumped: 137,634 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	COP	Carrier/Base Fluid	Water	7732-18-5	100%	85.5189%
1 16/30 White	Sanrol	Proppant	Quartz (SiO2)	14808-60-7	100%	10.35261%
2 16/30 SuperLC	Sanrol	Proppant	Quartz (SiO2)	14808-60-7	100%	3.54717%
1 PAPS- 435L	Precision	Guar Gum Slurry	Petroleum Distillates	Proprietary	65%	0.03243%
2 PAFB-100L	Precision	Surfactant	Proprietary Surfactants	Proprietary	15%	0.01373%
3 PASI-100L	Precision	Scale Inhibitor	Methanol	67-56-1	100%	0.02679%
4 BIO-CIDE 4450-10	Precision	Biocide	Didecyl dimethyl ammonium chloride	7173-51-5	12%	0.00667%
5 PAXL-125L	Precision	Self Buffered Instant Crosslinker	Ethanol	64-17-5	3%	0.00167%
			Glycerin	8043-29-6	30%	0.03154%
			Sodium Hydroxide	1310-73-2	30%	0.03154%
6 Buffer 12	Chemplex	High pH Buffer	Potassium Hydroxide	1310-58-3	35%	0.02176%
7 PABA- 150L	Precision	Low pH Buffer	Acetic Acid	64-19-7	65%	0.01157%
8 PAFR-110L	Precision	Friction Reducer	Distillates hydrotreated light	Proprietary	40%	0%
9 BR-34B	Blue Ribbon	Breaker	Ammonium Persulfate	7727-54-0	100%	0.00961%
10 Plexgel Breaker	Chemplex	Breaker	Non-MSDS	Proprietary	100%	0.06561%
11 Superset	Halliburton	Activator	Non-MSDS	Proprietary	100%	0.09725%
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: <u>Signed Electronically</u>		Printed Name: <u>Rhonda S Rogers</u>		Staff Regulatory Title: <u>Technician</u>		
Date: <u>7/8/2015</u>						
E-mail Address: <u>rhonda.s.rogers@conocoPhillips.com</u>						

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.