

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. 30-045-25997				
		2. Well Name: BRUCE R SULLIVAN #002				
		3. Well Number: 002				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:J Lot:J Section:23 Township:28N Range:10W Feet from:1700 N/S Line:S Feet from:1480 E/W Line:E				
		5. Bottom Hole Location: Unit:J Lot:J Section:23 Township:28N Range:10W Feet from:1700 N/S Line:S Feet from:1480 E/W Line:E				
		6. Latitude: 36.6451449456035 Longitude: - 107.861107943064				
		7. County: San Juan				
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: 3/22/2012 Frac Performed by: baker		12. Production Type: G				
13. Pool Code(s): 71629		14. Gross Fractured Interval: 1,726 ft to 1,786 ft				
15. True Vertical Depth (TVD): 3,100 ft		16. Total Volume of Fluid Pumped: 40,345 gals				
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	Operator	Carrier	Water	7732-18-5	100%	60.09032%
KCl	Operator	Clay Stabilizer	Potassium Chloride	7447-40-7	100%	1.21382%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.22199%
Alpha 1427	Baker Hughes	Biocide	Water	7732-18-5	85%	1.25794%
			Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.00478%
			Ethanol	64-17-5	5%	0.00239%
			Glutaraldehyde	111-30-8	30%	0.01435%
			Quaternary Ammonium Compound	68424-85-1	5%	0.00239%
GBW-5	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	100%	0.00911%
Enzyme G-III	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	0.1%	8E-05%
			Water	7732-18-5	99.9%	0.0759%
GBW-33D	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	Trade Secret	100%	0.00273%
BC-6	Baker Hughes	Breaker Catalyst	Triethanolamine	102-71-6	60%	0.00884%
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.03134%
			Potassium Hydroxide	1310-58-3	1%	0.00052%
			Water	7732-18-5	60%	0.03134%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00162%
			Methanol	67-56-1	60%	0.00325%
			Olefin	Trade Secret	5%	0.00027%
			Polyoxyalkylenes	Trade Secret	30%	0.00162%
			Propargyl Alcohol	107-19-7	10%	0.00054%
FAW-4	Baker Hughes	Foamer	2-Butoxyethanol	111-76-2	10%	0.01793%
			Ammonium Lauryl Ether Sulphate	32612-48-9	30%	0.05379%
			Ethanol	64-17-5	5%	0.00897%
GW-3LDF	Baker Hughes	Gelling Agent	Isopropanol	67-63-0	30%	0.05379%
			Acyclic Hydrocarbon Blend	Trade Secret	60%	0.31288%
			Alcohols, C12-14, Ethoxylated Propoxylated	68439-51-0	5%	0.02607%
			Crystalline Silica, Quartz	14808-60-7	5%	0.02607%
			Guar Gum	9000-30-0	60%	0.31288%
Ferrotrol 300L	Baker Hughes	Iron Control	Citric Acid	77-92-9	60%	0.0046%
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9	100%	17.66288%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	18.50486%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.04012%
					0%	0%
					0%	0%
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: Patsy Clugston		Senior Regulatory Title: Specialist		
Date: 10/14/2013						
E-mail Address: patsy.l.clugston@conocophillips.com						

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