

HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment					4. Surface Hole Location: Unit:J Lot:J Section:30 Township:31N Range:11W Feet from:2049 N/S Line:S Feet from:1592 E/W Line:E			
					5. Bottom Hole Location: Unit:J Lot:J Section:30 Township:31N Range:11W Feet from:2049 N/S Line:S Feet from:1592 E/W Line:E			
					6. Iatitude: longitude: 0 0			
					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: 8/23/2012 Frac Performed by: Baker Hughes					12. Production Type: G			
13. Pool Code(s): 71599, 72319, 97232					14. Gross Fractured Interval: 4,628 ft to 7,176 ft			
15. True Vertical Depth (TVD): 7,205 ft					16. Total Volume of Fluid Pumped: 3,841 bbls			
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%	60.67909%		
KCl	Operator	Clay Stabilizer	Potassium Chloride	7447-40-7	100%	1.22572%		
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.11213%		
			Water	7732-18-5	85%	0.63541%		
Alpha 1427	Baker Hughes	Biocide	Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.00403%		
			Ethanol	64-17-5	5%	0.00201%		
			Glutaraldehyde	111-30-8	30%	0.01208%		
			Quaternary Ammonium Compound	68424-85-1	5%	0.00201%		
GBW-5	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	100%	0.0069%		
Enzyme G-III	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	0.1%	1E-05%		
			Water	7732-18-5	99.9%	0.0115%		
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.01893%		
			Potassium Hydroxide	1310-58-3	1%	0.00032%		
			Water	7732-18-5	60%	0.01893%		
CorrSorb 3500	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	Trade Secret	10%	0.0023%		
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00023%		
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.02301%		
			Ethanol	64-17-5	5%	0.00115%		
			Quaternary Ammonium Compound	Trade Secret	30%	0.0069%		
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00082%		
			Methanol	67-56-1	60%	0.00164%		
			Olefin	Trade Secret	5%	0.00014%		
			Polyoxyalkylenes	Trade Secret	30%	0.00082%		
XLW-32	Baker Hughes	Crosslinker	Propargyl Alcohol	107-19-7	10%	0.00027%		
			Boric Acid (H3BO3)	10043-35-3	30%	0.00083%		
			Methanol	67-56-1	60%	0.00167%		
FAW-22, 260 gal. tote	Baker Hughes	Foamer	Methyl Borate	121-43-7	30%	0.00083%		
			Alkyl Sulfate	Trade Secret	1%	0.00638%		
			Ammonium Alkyl Ether Sulfate	Trade Secret	10%	0.02126%		
FRW-20	Baker Hughes	Friction Reducer	Isopropanol	67-63-0	30%	0.06379%		
			Sodium Sulfonate	68439-57-6	30%	0.06379%		
			Petroleum Distillates	64742-47-8	30%	0.01013%		
GW-3LDF	Baker Hughes	Gelling Agent	1-Butoxy-2-Propanol	5131-66-8	5%	0.00753%		
			Cyrstalline Silica, Quartz (SiO2)	14808-60-7	5%	0.00753%		
			Guar Gum	9000-30-0	60%	0.09039%		
			Isotridecanol, ethoxylated	9043-30-5	5%	0.00753%		
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.04519%		
Ferrotrol 300L	Baker Hughes	Iron Control	Petroleum Distillates	64742-47-8	30%	0.04519%		
			Citric Acid	77-92-9	60%	0.00319%		
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9	100%	23.01085%		
NE-900, tote	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.00605%		
			Oxyalkylated Alkylphenol	9016-45-9	10%	0.00202%		
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	13.73911%		
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00552%		
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00018%		
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01841%		
			Phosphonic Acid	13598-36-2	1%	0.00018%		
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.0163%		
			Mixture of Surfactants	Trade Secret	60%	0.0326%		
			Water	7732-18-5	50%	0.02716%		
					0%	0%		
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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: Denise D Journey		Title: Regulatory Technician				
Date: 10/5/2012								
E-mail Address: Denise.Journey@conocophillips.com								