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. 30-045-35291
2. Well Name: HUERFANO UNIT COM #311
3. Well Number: 311

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location: Unit:I Lot:I Section:2 Township:25N Range:09W Feet from:2195 N/S Line:S Feet from:675 E/W Line:E
5. Bottom Hole Location: Unit:I Lot:I Section:2 Township:25N Range:09W Feet from:2195 N/S Line:S Feet from:675 E/W Line:E
6. latitude: 0 longitude: 0
7. County: San Juan

8. Operator Name and Address: BURLINGTON RESOURCES OIL & GAS COMPANY LP, 3401 E. 30TH STREET, FARMINGTON 87402
9. OGRID: 14538
10. Phone Number: 505-326-9518
11. Last Fracture Date: 6/11/2012 Frac Performed by: Baker Hughes
12. Production Type: G
13. Pool Code(s): 19859, 71599
14. Gross Fractured Interval: 5,367 ft to 6,614 ft
15. True Vertical Depth (TVD): 6,689 ft
16. Total Volume of Fluid Pumped: 3,249 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%	54.83088%
KCl	Operator	Clay Stabilizer	Potassium Chloride	7447-40-7	100%	1.10758%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.08984%
			Water	7732-18-5	85%	0.50908%
Alpha 1427	Baker Hughes	Biocide	Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.00387%
			Ethanol	64-17-5	5%	0.00194%
			Glutaraldehyde	111-30-8	30%	0.01162%
			Quaternary Ammonium Compound	68424-85-1	5%	0.00194%
GBW-5	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	100%	0.00492%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00061%
			Water	7732-18-5	97%	0.01988%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	60%	0.00236%
			Crystalline Silica Quartz	14808-60-7	30%	0.00118%
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.09484%
			Potassium Hydroxide	1310-58-3	1%	0.00158%
			Water	7732-18-5	60%	0.09484%
CorrSorb 3500	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	Trade Secret	10%	0.00184%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00018%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01844%
			Ethanol	64-17-5	5%	0.00092%
			Quaternary Ammonium Compound	Trade Secret	30%	0.00553%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00066%
			Methanol	67-56-1	60%	0.00131%
			Olefin	Trade Secret	5%	0.00011%
			Polyoxyalkylenes	Trade Secret	30%	0.00066%
			Propargyl Alcohol	107-19-7	10%	0.00022%
XLW-32	Baker Hughes	Crosslinker	Boric Acid (H3BO3)	10043-35-3	30%	0.00947%
			Methanol	67-56-1	60%	0.01893%
			Methyl Borate	121-43-7	30%	0.00947%
FAW-4	Baker Hughes	Foamer	2-Butoxyethanol	111-76-2	10%	0.01943%
			Ammonium Lauryl Ether Sulphate	32612-48-9	30%	0.0583%
			Ethanol	64-17-5	5%	0.00972%
			Isopropanol	67-63-0	30%	0.0583%
FRW-20	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.00287%
GW-3LDF	Baker Hughes	Gelling Agent	1-Butoxy-2-Propanol	5131-66-8	5%	0.01188%
			Cyrstalline Silica, Quartz (SiO2)	14808-60-7	5%	0.01188%
			Guar Gum	9000-30-0	60%	0.14257%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.01188%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.07129%
			Petroleum Distillates	64742-47-8	30%	0.07129%
Ferrotrol 300L	Baker Hughes	Iron Control	Citric Acid	77-92-9	60%	0.00217%
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9	100%	25.91469%
NE-900, tote	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.01844%
			Oxyalkylated Alkylphenol	9016-45-9	10%	0.00615%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	13.7868%
Sand, Brown, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.86061%
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00443%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00015%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01475%
			Phosphonic Acid	13598-36-2	1%	0.00015%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.00541%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.01546%
			Mixture of Surfactants	Trade Secret	60%	0.03093%
			Water	7732-18-5	50%	0.02577%
					0%	0%
					0%	0%
					0%	0%
					0%	0%
					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: Denise D Journey
Title: Regulatory Technician
Date: 9/10/2012
E-mail Address: Denise.Journey@conocophillips.com

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