

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: 30-045-26283						
		2. Well Name: GALLEGOS CANYON UNIT #147E						
		3. Well Number: 147E						
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:K Lot:K Section:4 Township:27N Range:12W Feet from:1850 N/S Line:S Feet from:1700 E/W Line:W						
		5. Bottom Hole Location: Unit:K Lot:K Section:4 Township:27N Range:12W Feet from:1850 N/S Line:S Feet from:1700 E/W Line:W						
		6. Latitude: Longitude: 36.60205 -108.11945						
		7. County: San Juan						
8. Operator Name and Address: BP AMERICA PRODUCTION COMPANY 501 Westlake Park Blvd. Houston 77079			9. OGRID: 778		10. Phone Number: 281-366-7148			
11. Last Fracture Date: 7/17/2013 Frac Performed by: Baker Hughes			12. Production Type: G					
13. Pool Code(s): 97232			14. Gross Fractured Interval: 5,307 ft to 5,325 ft					
15. True Vertical Depth (TVD): 5,325 ft			16. Total Volume of Fluid Pumped: 31,038 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)		
Fresh Water	BP	Carrier	Water	7732-18-5	100%	62.11027%		
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	31.16465%		
HCl 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	30%	0.77587%		
Alpha 1427	Baker Hughes	Biocide	Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.00758%		
			Ethanol	64-17-5	5%	0.00379%		
			Glutaraldehyde	111-30-8	30%	0.02273%		
			Quaternary Ammonium Compound	68424-85-1	5%	0.00379%		
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00433%		
Enzyme G-I	Baker Hughes	Breaker	proprietary	Trade Secret	5%	0.00036%		
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	60%	0.0052%		
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.07214%		
CorrSorb 3600	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	Trade Secret	10%	0.00433%		
			Crystalline Silica Quartz	14808-60-7	1%	0.00043%		
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.04332%		
			Quaternary Ammonium Chloride	Trade Secret	30%	0.013%		
XLW-4	Baker Hughes	Crosslinker	Sodium tetraborate	1303-96-4	30%	0.01588%		
FAW-22	Baker Hughes	Foamer	Alkyl Sulfate	Trade Secret	1%	0.00265%		
			Ammonium Alkyl Ether Sulfate	Trade Secret	10%	0.02654%		
			Isopropanol	67-63-0	30%	0.07961%		
			Sodium Sulfonate	68439-57-6	30%	0.07961%		
GW-3LDF	Baker Hughes	Water Gellant	1-Butoxy-2-Propanol	5131-66-8	5%	0.01549%		
			Cyrstalline Silica, Quartz (SiO2)	14808-60-7	5%	0.01549%		
			Guar Gum	9000-30-0	60%	0.18592%		
			Isotridecanol, ethoxylated	9043-30-5	5%	0.01549%		
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.09296%		
			Petroleum Distillates	64742-47-8	30%	0.09296%		
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9	100%	2.76666%		
NE-900	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.02039%		
			Nonyl phenyl polyethylene glycol ether	9016-45-9	10%	0.0068%		
Parasorb 5005	Baker Hughes	Paraffin Inhibitor	Calcined Diatomaceous Earth	91053-39-3	100%	0.14441%		
			Complex Ester	Trade Secret	30%	0.04332%		
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00144%		
			Ethylene-Vinyl Acetate Copolymer	Trade Secret	5%	0.00722%		
			Heavy Aromatic Naphtha	64742-94-5	10%	0.01444%		
			Mineral Oil	8042-47-5	5%	0.00722%		
			Naphthalene	91-20-3	1%	0.00144%		
GasFlo G	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.01715%		
			Mixture of Surfactants	Trade Secret	60%	0.0343%		
			Water	7732-18-5	50%	0.02858%		
ES-4A	Baker Hughes	Base oil for Cuar Slurries	Petroleum distillate blend	64742-47-8	100%	0.04676%		
ClayCare	Baker Hughes	Clay stabilizer	Choline Chloride	67-48-1	75%	0.08661%		
			Water	7732-18-5	30%	0.03464%		
Ferrotrol 300L	Baker Hughes	Iron Control	Citric Acid	77-92-9	60%	0.00909%		
CL-27	Baker Hughes	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00386%		
			Thiourea Polymer	68527-49-1	30%	0.00193%		
			Fatty Acids	Trade Secret	30%	0.00193%		
			Polyoxyalkylenes	Trade Secret	30%	0.00193%		
			Propargyl Alcohol	107-19-7	10%	0.00064%		
			Olefin	Trade Secret	5%	0.00032%		
BC-6	Baker Hughes	Breaker	Triethanolamine	102-71-6	60%	0.01867%		
Ingredients shown above are subject to 29 CFR 1910			2-butoxy-1-propanol	15821-83-7	0%	0%		
			Copolymer	Trade Secret	0%	0%		
			Ethoxylated Alcohol	Trade Secret	0%	0%		
			Ethylene Glycol	107-21-1	0%	0%		
			Fatty Amide Derivative	70851-08-0	0%	0%		
			Formaldehyde	50-00-0	0%	0%		
			Hemicellulase Enzyme Concentrate	9025-56-3	0%	0%		
			Phosphoric Acid	7664-38-2	0%	0%		
			Polyoxyalkenes	78330-21-9	0%	0%		
			Potassium Hydroxide	1310-58-3	0%	0%		
			Sodium Chloride	7647-14-5	0%	0%		
			Sodium Sulfate	7757-82-6	0%	0%		
			Thioglycolic Acid	68-11-1	0%	0%		
			Water	7732-18-5	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: Toya Colvin		Title: Regulatory Analyst	
Date: 8/12/2013								
E-mail Address: toya.colvin@bp.com								

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