

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: 30-045-26398							
		2. Well Name: GALLEGOS CANYON UNIT #157E							
		3. Well Number: 157E							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:E Lot:E Section:35 Township:28N Range:13W Feet from:1850 N/S Line:N Feet from:810 E/W Line:W							
		5. Bottom Hole Location: Unit:E Lot:E Section:35 Township:28N Range:13W Feet from:1850 N/S Line:N Feet from:810 E/W Line:W							
		6. latitude: longitude: 36.6209288282453 - 108.194792848787							
		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: 2/28/2013 Frac Performed by: Halliburton		12. Production Type: G							
13. Pool Code(s): 97232		14. Gross Fractured Interval: 5,632 ft to 5,656 ft							
15. True Vertical Depth (TVD): 6,442 ft		16. Total Volume of Fluid Pumped: 833 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)			
2% KCL Water	Operator	Base fluid for External Phase of Foam	Water	7732-18-5	100%	14.0897%			
			KCl	7447-40-7	2%	0.28179%			
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.13043%			
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	4.83269%			
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00391%			
LoSurf-300D	Halliburton	Non-ionic Surfactant	Propargyl alcohol	107-19-7	10%	0.00065%			
			1,2,4 Trimethylbenzene	95-63-6	1%	6E-05%			
			Ethanol	64-17-5	60%	0.00362%			
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.00181%			
			Naphthalene	91-20-3	5%	0.0003%			
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.0003%			
			LGC-36 UC	Halliburton	Liquid Gel Concentrate	Guar gum	9000-30-0	60%	0.02802%
HC-2	Halliburton	Additive	Naphtha, hydrotreated heavy	64742-48-9	60%	0.02802%			
			Inner salt of alkyl amines	Proprietary	30%	0.01377%			
BC-200 UC	Halliburton	Crosslinker	Sodium chloride	7647-14-5	30%	0.01377%			
			Modified Alkane	Proprietary	60%	0.01184%			
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.0001%			
			Potassium metaborate	13709-94-9	60%	0.00121%			
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00169%			
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00169%			
			Crystalline silica, quartz	14808-60-7	30%	0.00051%			
Nitrogen	Halliburton	Internal Phase of Foam	Nitrogen	7727-37-9	100%	80.51257%			
Ingredients Listed Below This Line Are Part of the			2-Ethyl hexanol	104-76-7	0%	0%			
			Alcohols, C14-C15, ethoxylated	68951-67-7	0%	0%			
			Borate salts	1319-33-1	0%	0%			
			Butyl alcohol	71-36-3	0%	0%			
			Crystalline silica, quartz	14808-60-7	0%	0%			
			Cured Acrylic Resin	Mixture	0%	0%			
			Fatty acids, tall oil	61790-12-3	0%	0%			
			Fatty alcohol polyglycol ether surfactant	9043-30-5	0%	0%			
			Glycerine	56-81-5	0%	0%			
			Methanol	67-56-1	0%	0%			
			Olefins	71152	0%	0%			
			Olefins	629-73-2	0%	0%			
			Olefins	112-88-9	0%	0%			
			Olefins	1120-36-1	0%	0%			
			Organic salt	26264-06-2	0%	0%			
			Oxyalkylated Phenolic Resin	29316-47-0	0%	0%			
			Oxyalkylated Phenolic Resin	63428-92-2	0%	0%			
			Propylene carbonate	108-32-7	0%	0%			
			Propylene glycol	57-55-6	0%	0%			
			Quaternary ammonium compounds, bis (hydrogenated tallow alkyl) dimethyl,salts with bentonite	68953-58-2	0%	0%			
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	0%	0%			
			Sodium carbonate	497-19-8	0%	0%			
			Sodium sulfate	7757-82-6	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: 3/7/2013						
E-mail Address: toya.colvin@bp.com									

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.