

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 November 6, 2013

1. WELL API NO:
30-045-11649

2. Well Name:
GALLEGOS CANYON UNIT #221

3. Well Number:
221

4. Surface Hole Location:
Unit:G Lot:11 Section:31 Township:29N Range:12W
Feet from:2445 N/S Line:N
Feet from:1690 E/W Line:E

5. Bottom Hole Location:
Unit:G Lot:11 Section:31 Township:29N Range:12W
Feet from:2445 N/S Line:N
Feet from:1690 E/W Line:E

6. latitude: 36.6835165285902 longitude: -108.136959146069

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: 11/4/2013 Frac Performed by: Baker Hughes

12. Production Type: G

13. Pool Code(s): 97232

14. Gross Fractured Interval: 5,555 ft to 5,572 ft

15. True Vertical Depth (TVD): 6,193 ft

16. Total Volume of Fluid Pumped: 27,090 gals

17. Total Volume of Re-Use Water Pumped: N/A

18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed

19. 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%	2.01299%
HCl	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	30%	0.02394%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00013%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	1E-05%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00022%
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.00196%
CorrSorb 3600	Baker Hughes	Corrosion Inhibitor	Diatomaceous Earth, Calcined	9105-39-3	100%	0.00134%
			Quaternary Ammonium Chloride	61789-71	30%	0.0004%
			Acid Phosphate Ester	Proprietary	10%	0.00013%
			Crystalline Silica Quartz	14808-60-7	1%	1E-05%
XLW-32	Baker Hughes	Crosslinker	Methanol	67-56-1	60%	0.00132%
			Methyl Borate	121-43-7	30%	0.00066%
			Boric Acid (H3BO3)	10043-35-3	30%	0.00066%
FAW-22	Baker Hughes	Foamer	Alkyl Sulfate	Proprietary	5%	0.00042%
			Ammonium Alkyl Ether Sulfate	Proprietary	10%	0.00085%
			Isopropanol	67-63-0	30%	0.00255%
			Sodium Sulfonate	68439-57-6	30%	0.00255%
CI-27	Baker Hughes	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00012%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Proprietary	30%	6E-05%
			Polyoxyalkylenes	Proprietary	30%	6E-05%
			Propargyl Alcohol	107-19-7	10%	2E-05%
			Olefin	Proprietary	5%	1E-05%
			Thiourea Polymer	68527-49-1	30%	6E-05%
GW-3LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.00681%
			Petroleum Distillates	64742-47-8	30%	0.00341%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.00341%
			Cyrstalline Silica, Quartz (SiO2)	14808-60-7	5%	0.00057%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.00057%
			1-Butoxy-2-Propanol	5131-66-8	5%	0.00057%
Ferrotrol 300L	Baker Hughes	Iron Control	Citric Acid	77-92-9	60%	0.00028%
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9	100%	96.95562%
NE-900	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.00046%
			Oxyalkylated Alkylphenol	9016-45-9	10%	0.00015%
Parasorb 5005	Baker Hughes	Paraffin Inhibitor	Calcined Diatomaceous Earth	91053-39-3	100%	0.00446%
			Complex Ester	68607-07-8	30%	0.00134%
			Heavy Aromatic Naphtha	64742-94-5	10%	0.00045%
			Mineral Oil	8042-47-5	5%	0.00022%
			Ethylene-Vinyl Acetate Copolymer	Proprietary	5%	0.00022%
			Naphthalene	91-20-3	1%	4E-05%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	4E-05%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.37039%
Sand, Brown, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.53847%
GasFlo G	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.00055%
			Polyoxyalkylene	Proprietary	10%	0.00018%
			Oxyalkylated Alkylphenol	Proprietary	10%	0.00018%
			Oxyalkylated Alkylphenol	Proprietary	10%	0.00018%
			Oxyalkylated Amine	Proprietary	5%	9E-05%
ClayCare	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.00385%
Alpha 1427	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00094%
			Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.00031%
			Quaternary Ammonium Compound	68424-85-1	5%	0.00016%
			Ethanol	64-17-5	5%	0.00016%
Ingredients shown above are subject to 29 CFR 1910					0%	0%
None Indicated	Baker Hughes	None Indicated	Ethoxylated Alcohol	Proprietary	0%	0%
			Ethylene Glycol	107-21-1	0%	0%
			Fatty Amide Derivative	70851-08-0	0%	0%
			Formaldehyde	50-00-0	0%	0%
			Phosphoric Acid	7664-38-2	0%	0%
			Polyoxyalkylenes	78330-21-9	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%

20. 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
Date: 12/4/2013
E-mail Address: toya.colvin@bp.com

Printed Name: Toya Colvin

Title: Regulatory Analyst

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.