

NEBU Pump Mesa SWD #1

30-045-27340

Analysis Certificate

Analysis Requested:

GPA Standard 2261-13

Client: BP
 Site Name: Pump Mesa SWD
 Meter ID: Pump Mesa SWD
 Sampled by: Tommy T.
 Analyzed by: Irene Yazzie
 Sample Pressure: 153 psi
 Sample Temperature: N/R

Project #: 03143-1129
 Laboratory #: P611019-01
 Date Reported: 11/14/2016
 Date Sampled: 11/8/2016
 Date Received: 11/11/2016
 Date Analyzed: 11/14/2016
 Analysis Time: Rush

Components	Mol %	Wt %	GPM Total	(gal/ideal MCF)
Nitrogen	0.588	1.015		
Carbon Dioxide	0.005	0.014		
Methane	98.711	97.588		
Ethane	0.639	1.184	GPM C2+	0.1913
Propane	0.032	0.087	GPM C3+	0.019
Iso-Butane	0.009	0.032		
N-Butane	0.003	0.011		
Iso-Pentane	0.003	0.013	GPM iC5+	0.006
N-Pentane	0.001	0.004		
Hexane Plus	0.009	0.052		
Totals	100.000	100.000		

GPA Standard 2172-09 Calculations

Compressibility Factor: 0.998
 Ideal Gas Relative Density: 0.561
 Dry Molecular Weight: 16.227 g/mol
 Real Gas Dry BTU per ft³: 1014.478 BTU/ft³

Base Pressure: 14.73 psi
 Base Temperature: 60 F

ND = Parameter below the instrument/method detection limit.

N/R = Parameter not recorded

Reviewer

Date

11/14/2016

Comments: No comments

Note: The above analyses are performed in compliance with GPA Standard 2261-13 quality assurance procedures.

References: GPA Standard 2261-13 and GPA Standard 2172-09