



30-045-27735
Tubing
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: SO170015
Cust No: 15950-10070

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: NEIL A 2A; TBG
County/State: SAN JUAN NM
Location:
Field:
Formation: PC/MV
Cust. Stn. No.: API 3004522735

Source: TUBING
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/24/2017
Sampled By: EUGENIA HAMILTON
Foreman/Engr.: SABRE BEEBE

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.269	0.0300	0.00	0.0026
CO2	1.061	0.1820	0.00	0.0161
Methane	81.304	13.8300	821.17	0.4503
Ethane	9.386	2.5190	166.10	0.0974
Propane	4.217	1.1660	106.10	0.0642
Iso-Butane	0.682	0.2240	22.18	0.0137
N-Butane	1.303	0.4120	42.51	0.0261
I-Pentane	0.462	0.1700	18.48	0.0115
N-Pentane	0.370	0.1350	14.83	0.0092
Hexane Plus	0.946	0.4230	49.86	0.0313
Total	100.000	19.0910	1241.24	0.7226

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0036
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1248.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1226.9
REAL SPECIFIC GRAVITY: 0.7249

GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.

DRY BTU @ 14.650: 1241.8
DRY BTU @ 14.696: 1245.7
DRY BTU @ 14.730: 1248.6
DRY BTU @ 15.025: 1273.6

CYLINDER #: 7021
CYLINDER PRESSURE: 127 PSIG
DATE RUN: 6/2/17 11:15 AM
ANALYSIS RUN BY: PATRICIA KING

30-045-2735
Tubing



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: NEIL A 2A; TBG
Stn. No.: API 3004522735
Mtr. No.:

TUBING
PC/MV

06/27/2017
15950-10070

Smpl Date: 05/24/2017
Test Date: 06/02/2017
Run No: SO170015

Nitrogen: 0.269
CO2: 1.061
Methane: 81.304
Ethane: 9.386
Propane: 4.217
I-Butane: 0.682
N-Butane: 1.303
I-Pentane: 0.462
N-Pentane: 0.370
Hexane+: 0.946

BTU: 1248.6
GPM: 19.0910
SPG: 0.7249