



30-045-22463
Tubing
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: SO170036
Cust No: 15950-10165

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: NEIL A 7A
County/State: NM
Location:
Field:
Formation: PC/MV
Cust. Stn. No.:
API 3004522463

Source: TUBING
Pressure: 27 PSIA
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/21/2017
Sampled By: E. HAMILTON
Foreman/Engr.: KEVIN IRELAND

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.221	0.0240	0.00	0.0021
CO2	1.427	0.2440	0.00	0.0217
Methane	81.434	13.8530	822.48	0.4511
Ethane	9.003	2.4160	159.32	0.0935
Propane	3.940	1.0890	99.13	0.0600
Iso-Butane	0.724	0.2380	23.53	0.0145
N-Butane	1.143	0.3610	37.28	0.0229
I-Pentane	0.437	0.1600	17.50	0.0109
N-Pentane	0.342	0.1240	13.69	0.0085
Hexane Plus	1.331	0.5960	70.17	0.0441
Total	100.000	19.1050	1243.10	0.7292

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0037
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1250.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1228.8
REAL SPECIFIC GRAVITY: 0.7317

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

DRY BTU @ 14.650: 1243.8
DRY BTU @ 14.696: 1247.7
DRY BTU @ 14.730: 1250.6
DRY BTU @ 15.025: 1275.6

CYLINDER #: 7020
CYLINDER PRESSURE: 26 PSIG
DATE RUN: 7/5/17 7:26 AM
ANALYSIS RUN BY: RICHARD WILSON

30-045-22463
Tubing



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: NEIL A 7A
Stn. No.:
Mtr. No.: API 3004522463

TUBING
PC/MV

07/11/2017
15950-10165

Smpl Date: 06/21/2017
Test Date: 07/05/2017
Run No: SO170036

Nitrogen: 0.221
CO2: 1.427
Methane: 81.434
Ethane: 9.003
Propane: 3.940
I-Butane: 0.724
N-Butane: 1.143
I-Pentane: 0.437
N-Pentane: 0.342
Hexane+: 1.331

BTU: 1250.6
GPM: 19.1050
SPG: 0.7317