



30-045-23045
tubing

2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: SO170039
Cust No: 15950-10175

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: SMYERS COM LS 1A
County/State: NM
Location:
Field:
Formation: MV
Cust. Stn. No.:
API 3004523045

Source: TUBING
Pressure: 56 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	0.151	0.0170	0.00	0.0015
CO2	1.863	0.3190	0.00	0.0283
Methane	79.825	13.5790	806.24	0.4422
Ethane	9.452	2.5370	167.28	0.0981
Propane	4.528	1.2520	113.93	0.0689
Iso-Butane	0.873	0.2870	28.38	0.0175
N-Butane	1.402	0.4430	45.73	0.0281
I-Pentane	0.530	0.1950	21.21	0.0132
N-Pentane	0.400	0.1460	16.05	0.0100
Hexane Plus	0.975	0.4370	51.42	0.0323
Total	100.000	19.2120	1250.23	0.7401

* @ 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): 1257.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1235.9
REAL SPECIFIC GRAVITY: 0.7426

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

DRY BTU @ 14.650: 1251.0
DRY BTU @ 14.696: 1254.9
DRY BTU @ 14.730: 1257.8
DRY BTU @ 15.025: 1283.0

CYLINDER #: 7043
CYLINDER PRESSURE: 54 PSIG
DATE RUN: 7/5/17 7:29 AM
ANALYSIS RUN BY: RICHARD WILSON

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30-045-2304
tubing



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: SMYERS COM LS 1A
Stn. No.:
Mtr. No.: API 3004523045

TUBING
MV

07/11/2017
15950-10175

Smpl Date: 06/21/2017
Test Date: 07/05/2017
Run No: SO170039

Nitrogen: 0.151
CO2: 1.863
Methane: 79.825
Ethane: 9.452
Propane: 4.528
I-Butane: 0.873
N-Butane: 1.402
I-Pentane: 0.530
N-Pentane: 0.400
Hexane+: 0.975

BTU: 1257.8
GPM: 19.2120
SPG: 0.7426