



30-045-23064
tubing

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

Analysis No: SO170012
Cust No: 15950-10055

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: MUDGE LS 7A; TBG
County/State: SAN JUAN NM
Location:
Field:
Formation: MV
Cust. Str. No.: API 3004523064

Source: TUBING
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/17/2017
Sampled By: EUGENIA HAMILTON
Foreman/Engr.: SABRE BEEBE

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.173	0.0190	0.00	0.0017
CO2	1.328	0.2270	0.00	0.0202
Methane	80.337	13.6680	811.40	0.4450
Ethane	9.380	2.5170	166.00	0.0974
Propane	4.405	1.2180	110.83	0.0671
Iso-Butane	0.885	0.2910	28.78	0.0178
N-Butane	1.396	0.4420	45.54	0.0280
I-Pentane	0.535	0.1960	21.40	0.0133
N-Pentane	0.423	0.1540	16.96	0.0105
Hexane Plus	1.138	0.5090	59.98	0.0377
Total	100.000	19.2410	1260.90	0.7386

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0038
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1268.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1246.5
REAL SPECIFIC GRAVITY: 0.7411

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

DRY BTU @ 14.650: 1261.7
DRY BTU @ 14.696: 1265.7
DRY BTU @ 14.730: 1268.6
DRY BTU @ 15.025: 1294.0

CYLINDER #: 7084
CYLINDER PRESSURE: 38 PSIG
DATE RUN: 6/2/17 11:12 AM
ANALYSIS RUN BY: PATRICIA KING

30-045-73064
tubing



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: MUDGE LS 7A; TBG
Stn. No.: API 3004523064
Mtr. No.:

TUBING
MV

06/27/2017
15950-10055

Smpl Date: 05/17/2017
Test Date: 06/02/2017
Run No: SO170012
Nitrogen: 0.173
CO2: 1.328
Methane: 80.337
Ethane: 9.380
Propane: 4.405
I-Butane: 0.885
N-Butane: 1.396
I-Pentane: 0.535
N-Pentane: 0.423
Hexane+: 1.138
BTU: 1268.6
GPM: 19.2410
SPG: 0.7411