



30-045-23045
Bradenhead

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

Analysis No: SO170037
Cust No: 15950-10145

Well/Lease Information

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

OIL CONS. DIV DIST. 3

JAN 02 2018

Source: BRADENHEAD
Pressure: 44 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	2.498	0.2760	0.00	0.0242
CO2	0.021	0.0040	0.00	0.0003
Methane	87.626	14.8920	885.02	0.4854
Ethane	5.755	1.5430	101.85	0.0597
Propane	2.371	0.6550	59.67	0.0361
Iso-Butane	0.510	0.1670	16.59	0.0102
N-Butane	0.595	0.1880	19.40	0.0119
I-Pentane	0.222	0.0820	8.90	0.0055
N-Pentane	0.129	0.0470	5.16	0.0032
Hexane Plus	0.273	0.1220	14.37	0.0090
Total	100.000	17.9760	1110.95	0.6456

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0027
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1116.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1097.1
REAL SPECIFIC GRAVITY: 0.6471

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

DRY BTU @ 14.650: 1110.4
DRY BTU @ 14.696: 1113.9
DRY BTU @ 14.730: 1116.5
DRY BTU @ 15.025: 1138.9

CYLINDER #: 7055
CYLINDER PRESSURE: 43 PSIG
DATE RUN: 7/5/17 7:27 AM
ANALYSIS RUN BY: RICHARD WILSON

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30-045-23045
Bradenhead



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

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

BRADENHEAD
MV

07/11/2017
15950-10145

Smpl Date: 06/21/2017
Test Date: 07/05/2017
Run No: SO170037

Nitrogen: 2.498
CO2: 0.021
Methane: 87.626
Ethane: 5.755
Propane: 2.371
I-Butane: 0.510
N-Butane: 0.595
I-Pentane: 0.222
N-Pentane: 0.129
Hexane+: 0.273

BTU: 1116.5
GPM: 17.9760
SPG: 0.6471