



30-045-22463
Bradenhead

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

Analysis No: SO170034
Cust No: 15950-10155

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

OIL CONS. DIV DIST. 3

JAN 02 2018

Source: BRADENHEAD
Pressure: 114 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	0.691	0.0760	0.00	0.0067
CO2	0.010	0.0020	0.00	0.0002
Methane	87.822	14.9260	887.00	0.4864
Ethane	6.862	1.8400	121.44	0.0712
Propane	2.792	0.7710	70.25	0.0425
Iso-Butane	0.486	0.1590	15.80	0.0098
N-Butane	0.674	0.2130	21.99	0.0135
I-Pentane	0.226	0.0830	9.04	0.0056
N-Pentane	0.154	0.0560	6.17	0.0038
Hexane Plus	0.283	0.1270	14.92	0.0094
Total	100.000	18.2530	1146.62	0.6491

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1152.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1132.4
REAL SPECIFIC GRAVITY: 0.6507

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

DRY BTU @ 14.650: 1146.2
DRY BTU @ 14.696: 1149.8
DRY BTU @ 14.730: 1152.5
DRY BTU @ 15.025: 1175.6

CYLINDER #: 75904
CYLINDER PRESSURE: 104 PSIG
DATE RUN: 7/5/17 7:22 AM
ANALYSIS RUN BY: RICHARD WILSON

2



30-045-22463
Bradenhead

BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

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

BRADENHEAD
PC/MV

07/11/2017
15950-10155

Smpl Date: 06/21/2017
Test Date: 07/05/2017
Run No: SO170034

Nitrogen: 0.691
CO2: 0.010
Methane: 87.822
Ethane: 6.862
Propane: 2.792
I-Butane: 0.486
N-Butane: 0.674
I-Pentane: 0.226
N-Pentane: 0.154
Hexane+: 0.283

BTU: 1152.5
GPM: 18.2530
SPG: 0.6507