



30-045-20150
Bradenhead

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

Analysis No: SO170013
Cust No: 15950-10060

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: NEIL A 2A; BHD
County/State: SAN JUAN NM
Location:
Field:
Formation: PC/MV
Cust. Stn. No.: API 3004522735

OIL CONS. DIV DIST. 3

JAN 02 2018

Source: BRADENHEAD
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/24/2017
Sampled By: EUGENIA HAMILTON
Foreman/Engr.: SABRE BEEBE

Remarks:

Component::	Mole%:			*SP Gravity:
Nitrogen	0.643			0.0062
CO2	0.582			0.0088
Methane	86.632	14.7270	74.98	0.4799
Ethane	6.352	1.7030	112.41	0.0659
Propane	3.210	0.8870	80.77	0.0489
Iso-Butane	0.716	0.2350	23.28	0.0144
N-Butane	0.835	0.2640	27.24	0.0168
I-Pentane	0.306	0.1120	12.24	0.0076
N-Pentane	0.185	0.0670	7.42	0.0046
Hexane Plus	0.539	0.2410	28.41	0.0178
Total	100.000	18.4070	1166.76	0.6709

Collected
sent to
Bradenhead

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1173.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1152.6
REAL SPECIFIC GRAVITY: 0.6727

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

DRY BTU @ 14.650: 1166.6
DRY BTU @ 14.696: 1170.3
DRY BTU @ 14.730: 1173.0
DRY BTU @ 15.025: 1196.5

CYLINDER #: 7098
CYLINDER PRESSURE: 84 PSIG
DATE RUN: 6/2/17 11:12 AM
ANALYSIS RUN BY: PATRICIA KING

30-045-27130
Bradenhead



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: NEIL A 2A; BHD
Stn. No.: API 3004522735
Mtr. No.:

BRADENHEAD
PC/MV

06/27/2017
15950-10060

Smpl Date: 05/24/2017
Test Date: 06/02/2017
Run No: SO170013

Nitrogen: 0.643
CO2: 0.582
Methane: 86.632
Ethane: 6.352
Propane: 3.210
I-Butane: 0.716
N-Butane: 0.835
I-Pentane: 0.306
N-Pentane: 0.185
Hexane+: 0.539

BTU: 1173.0
GPM: 18.4070
SPG: 0.6727