



30-045-10170
Bradenhead

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

Analysis No: SO170007
Cust No: 15950-10030

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: HEATON COM LS 9; BHD
County/State: SAN JUAN NM
Location:
Field:
Formation: PC/MV
Cust. Stn. No.: API # 3004524988

OIL CONS. DIV DIST. 3
JAN 9 2018

Source: BRADENHEAD
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/11/2017
Sampled By: EUGENIA HAMILTON
Foreman/Engr.: SABRE BEEBE

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	5.035	0.5550	0.00	0.0487
CO2	0.019	0.0030	0.00	0.0003
Methane	83.716	14.2270	845.53	0.4637
Ethane	6.350	1.7020	112.38	0.0659
Propane	2.972	0.8210	74.78	0.0452
Iso-Butane	0.540	0.1770	17.56	0.0108
N-Butane	0.746	0.2360	24.34	0.0150
I-Pentane	0.273	0.1000	10.92	0.0068
N-Pentane	0.160	0.0580	6.41	0.0040
Hexane Plus	0.189	0.0840	9.96	0.0063
Total	100.000	17.9630	1101.88	0.6667

* @ 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): 1107.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1088.1
REAL SPECIFIC GRAVITY: 0.6683

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

DRY BTU @ 14.650: 1101.4
DRY BTU @ 14.696: 1104.8
DRY BTU @ 14.730: 1107.4
DRY BTU @ 15.025: 1129.6

CYLINDER #: 8001
CYLINDER PRESSURE: 32 PSIG
DATE RUN: 6/2/17 11:07 AM
ANALYSIS RUN BY: PATRICIA KING

2

30-045-10170
Bradenhead



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: HEATON COM LS 9; BHD
Stn. No.: API # 3004524988
Mtr. No.:

BRADENHEAD
PC/MV

06/27/2017
15950-10030

Smpl Date: 05/11/2017
Test Date: 06/02/2017
Run No: SO170007

Nitrogen: 5.035
CO2: 0.019
Methane: 83.716
Ethane: 6.350
Propane: 2.972
I-Butane: 0.540
N-Butane: 0.746
I-Pentane: 0.273
N-Pentane: 0.160
Hexane+: 0.189

BTU: 1107.4
GPM: 17.9630
SPG: 0.6683