



30-045-26666
Bradenhead

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

Analysis No: SO170029
Cust No: 15950-10160

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: MOORE 11
County/State: NM
Location:
Field:
Formation: MV/DK
Cust. Stn. No.:

API 3004526666

OIL CONS. DIV DIST. 3

JAN 02 2018

Source: BRADENHEAD
Pressure: 49 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	0.661	0.0730	0.00	0.0064
CO2	0.048	0.0080	0.00	0.0007
Methane	88.277	15.0040	891.60	0.4890
Ethane	6.703	1.7970	118.63	0.0696
Propane	2.580	0.7130	64.93	0.0393
Iso-Butane	0.472	0.1550	15.34	0.0095
N-Butane	0.614	0.1940	20.02	0.0123
I-Pentane	0.222	0.0820	8.90	0.0055
N-Pentane	0.144	0.0520	5.77	0.0036
Hexane Plus	0.279	0.1250	14.69	0.0092
Total	100.000	18.2030	1139.86	0.6451

* @ 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): 1145.7

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1125.8

REAL SPECIFIC GRAVITY: 0.6467

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

DRY BTU @ 14.650: 1139.5

DRY BTU @ 14.696: 1143.1

DRY BTU @ 14.730: 1145.7

DRY BTU @ 15.025: 1168.6

CYLINDER #: 7007

CYLINDER PRESSURE: 45 PSIG

DATE RUN: 7/5/17 7:17 AM

ANALYSIS RUN BY: RICHARD WILSON

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30-045-26666
Bradenhead



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: MOORE 11
Stn. No.:
Mtr. No.: API 3004526666

BRADENHEAD
MV/DK

07/11/2017
15950-10160

Smpl Date: 06/21/2017
Test Date: 07/05/2017
Run No: SO170029

Nitrogen: 0.661
CO2: 0.048
Methane: 88.277
Ethane: 6.703
Propane: 2.580
I-Butane: 0.472
N-Butane: 0.614
I-Pentane: 0.222
N-Pentane: 0.144
Hexane+: 0.279

BTU: 1145.7
GPM: 18.2030
SPG: 0.6467