



30-045-23264
Bradenhead

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

Analysis No: SO170010
Cust No: 15950-10045

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: MUDGE LS 7A; BHD
County/State: SAN JUAN NM
Location:
Field:
Formation: MV
Cust. Stn. No.: API 3004523064

OIL CONS. DIV DIST. 3

JAN 02 2018

Source: BRADENHEAD
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/17/2017
Sampled By: EUGENIA HAMILTON
Foreman/Engr.: SABRE BEEBE

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.766	0.0850	0.00	0.0074
CO2	0.271	0.0460	0.00	0.0041
Methane	77.141	13.1310	779.12	0.4273
Ethane	9.665	2.5950	171.04	0.1003
Propane	6.012	1.6630	151.27	0.0915
Iso-Butane	1.441	0.4730	46.86	0.0289
N-Butane	1.793	0.5680	58.49	0.0360
I-Pentane	0.680	0.2500	27.21	0.0169
N-Pentane	0.556	0.2020	22.29	0.0139
Hexane Plus	1.675	0.7500	88.29	0.0554
Total	100.000	19.7630	1344.57	0.7818

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0043

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1353.5

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1329.9

REAL SPECIFIC GRAVITY: 0.7849

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

DRY BTU @ 14.650: 1346.1

DRY BTU @ 14.696: 1350.4

DRY BTU @ 14.730: 1353.5

DRY BTU @ 15.025: 1380.6

CYLINDER #: 7077

CYLINDER PRESSURE: 37 PSIG

DATE RUN: 6/2/17 11:10 AM

ANALYSIS RUN BY: PATRICIA KING

30-045-23064
Bradenhead



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: MUDGE LS 7A; BHD
Stn. No.: API 3004523064
Mtr. No.:

BRADENHEAD
MV

06/27/2017
15950-10045

Smpl Date: 05/17/2017
Test Date: 06/02/2017
Run No: SO170010

Nitrogen: 0.766
CO2: 0.271
Methane: 77.141
Ethane: 9.665
Propane: 6.012
I-Butane: 1.441
N-Butane: 1.793
I-Pentane: 0.680
N-Pentane: 0.556
Hexane+: 1.675

BTU: 1353.5
GPM: 19.7630
SPG: 0.7849