



30-045-23064
Casing

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

Analysis No: SO170011
Cust No: 15950-10050

Well/Lease Information

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

OIL CONS. DIV DIST. 3

JAN 02-2018

Source: CASING
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	0.663	0.0730	0.00	0.0064
CO2	0.290	0.0500	0.00	0.0044
Methane	77.163	13.1360	779.35	0.4274
Ethane	9.676	2.5980	171.24	0.1005
Propane	6.019	1.6650	151.44	0.0916
Iso-Butane	1.447	0.4750	47.05	0.0290
N-Butane	1.793	0.5680	58.49	0.0360
I-Pentane	0.680	0.2500	27.21	0.0169
N-Pentane	0.563	0.2050	22.57	0.0140
Hexane Plus	1.706	0.7640	89.92	0.0565
Total	100.000	19.7840	1347.27	0.7828

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0044
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1356.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1332.6
REAL SPECIFIC GRAVITY: 0.7858

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

DRY BTU @ 14.650: 1348.8
DRY BTU @ 14.696: 1353.1
DRY BTU @ 14.730: 1356.2
DRY BTU @ 15.025: 1383.4

CYLINDER #: 75904
CYLINDER PRESSURE: 39 PSIG
DATE RUN: 6/2/17 11:11 AM
ANALYSIS RUN BY: PATRICIA KING

30-045-23064
Casing



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

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

CASING
MV

06/27/2017
15950-10050

Smpl Date: 05/17/2017
Test Date: 06/02/2017
Run No: SO170011

Nitrogen: 0.663
CO2: 0.290
Methane: 77.163
Ethane: 9.676
Propane: 6.019
I-Butane: 1.447
N-Butane: 1.793
I-Pentane: 0.680
N-Pentane: 0.563
Hexane+: 1.706

BTU: 1356.2
GPM: 19.7840
SPG: 0.7858