



30-045-22735

Casing

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

Analysis No: SO170014
Cust No: 15950-10065

Well/Lease Information

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

OIL CONS. DIV DIST. 3

JAN 02 2018

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

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.183	0.0200	0.00	0.0018
CO2	0.812	0.1390	0.00	0.0123
Methane	86.069	14.6330	869.30	0.4767
Ethane	7.285	1.9540	128.92	0.0756
Propane	3.044	0.8410	76.59	0.0463
Iso-Butane	0.567	0.1860	18.44	0.0114
N-Butane	0.845	0.2670	27.57	0.0170
I-Pentane	0.330	0.1210	13.20	0.0082
N-Pentane	0.231	0.0840	9.26	0.0058
Hexane Plus	0.634	0.2840	33.42	0.0210
Total	100.000	18.5290	1176.69	0.6761

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0031
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1183.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1162.5
REAL SPECIFIC GRAVITY: 0.6779

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

DRY BTU @ 14.650: 1176.7
DRY BTU @ 14.696: 1180.4
DRY BTU @ 14.730: 1183.1
DRY BTU @ 15.025: 1206.8

CYLINDER #: 7086
CYLINDER PRESSURE: 118 PSIG
DATE RUN: 6/2/17 11:13 AM
ANALYSIS RUN BY: PATRICIA KING

30-045-22735
Casing



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

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

CASING
PC/MV

06/27/2017
15950-10065

Smpl Date: 05/24/2017
Test Date: 06/02/2017
Run No: SO170014

Nitrogen: 0.183
CO2: 0.812
Methane: 86.069
Ethane: 7.285
Propane: 3.044
I-Butane: 0.567
N-Butane: 0.845
I-Pentane: 0.330
N-Pentane: 0.231
Hexane+: 0.634

BTU: 1183.1
GPM: 18.5290
SPG: 0.6779