



30-045-26798
Casing
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: SO170048
Cust No: 15950-10225

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: DAVIS 1 CSG
County/State: NM
Location:
Field:
Formation: PC
Cust. Stn. No.:
API 3004526798

Source: CASING
Well Flowing: Y
Pressure: 10 PSIG
Flow Temp: DEG. F
Ambient Temp: 91 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Date Sampled: 07/14/2017
Sampled By: EUGENIA HAMILTON
Foreman/Engr.: SABRE BEEBE

Remarks: PRESSURED W/ HELIUM TO 30#

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.2420	0.0270	0.00	0.0023
CO2	2.8500	0.4880	0.00	0.0433
Methane	84.0801	14.2950	849.21	0.4657
Ethane	7.5308	2.0200	133.27	0.0782
Propane	3.0655	0.8470	77.13	0.0467
Iso-Butane	0.4804	0.1580	15.62	0.0096
N-Butane	0.7350	0.2320	23.98	0.0147
I-Pentane	0.2416	0.0890	9.67	0.0060
N-Pentane	0.1623	0.0590	6.51	0.0040
Hexane Plus	0.6123	0.2740	32.27	0.0203
Total	100.0000	18.4890	1147.66	0.6909

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0031	CYLINDER #:	7054
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1153.9	CYLINDER PRESSURE:	10 PSIG
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1133.8	DATE RUN:	7/27/17 4:33 PM
REAL SPECIFIC GRAVITY:	0.6928	ANALYSIS RUN BY:	RICHARD WILSON

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500

Last Cal/Verify: 08/01/2017

GC Method: C6+ Gas

30-045-26798
Casing



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: DAVIS 1 CSG
Stn. No.:
Mtr. No.: API 3004526798

CASING
PC

08/01/2017
15950-10225

Smpl Date: 07/14/2017
Test Date: 07/27/2017
Run No: SO170048

Nitrogen: 0.2420
CO2: 2.8500
Methane: 84.0801
Ethane: 7.5308
Propane: 3.0655
I-Butane: 0.4804
N-Butane: 0.7350
I-Pentane: 0.2416
N-Pentane: 0.1623
Hexane+: 0.6123

BTU: 1153.9
GPM: 18.4890
SPG: 0.6928