



30-045-26798

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

Analysis No: SO170047
Cust No: 15950-10230

Well/Lease Information

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

OIL CONS. DIV DIST. 3
AUG 09 2017

Source: BRADENHEAD
Well Flowing: Y
Pressure: 35 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.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	4.5036	0.4970	0.00	0.0436
CO2	0.0174	0.0030	0.00	0.0003
Methane	87.8197	14.9200	886.98	0.4864
Ethane	4.7720	1.2790	84.45	0.0495
Propane	1.7284	0.4770	43.49	0.0263
Iso-Butane	0.3853	0.1260	12.53	0.0077
N-Butane	0.3891	0.1230	12.69	0.0078
I-Pentane	0.1527	0.0560	6.11	0.0038
N-Pentane	0.0761	0.0280	3.05	0.0019
Hexane Plus	0.1557	0.0700	8.21	0.0052
Total	100.0000	17.5790	1057.51	0.6325

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0024	CYLINDER #:	7067
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1062.5	CYLINDER PRESSURE:	35 PSIG
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1044.0	DATE RUN:	7/27/17 12:00 AM
REAL SPECIFIC GRAVITY:	0.6338	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



30-045-267
Bradenhead

BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

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

BRADENHEAD
PC

08/01/2017
15950-10230

Smpl Date: 07/14/2017
Test Date: 07/27/2017
Run No: SO170047
Nitrogen: 4.5036
CO2: 0.0174
Methane: 87.8197
Ethane: 4.7720
Propane: 1.7284
I-Butane: 0.3853
N-Butane: 0.3891
I-Pentane: 0.1527
N-Pentane: 0.0761
Hexane+: 0.1557
BTU: 1062.5
GPM: 17.5790
SPG: 0.6338



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

30-045-26.
Casing

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