



30-045-32491
Bradenhead
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: SO170043
Cust No: 15950-10215

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: BARNES LS 7M BHD
County/State: NM
Location:
Field:
Formation: MV/DK
Cust. Stn. No.:
API 3004532491

OIL CONS. DIV DIST. 3

JAN 02 2018

Source: BRADENHEAD
Well Flowing: Y
Pressure: 106 PSIG
Flow Temp: DEG. F
Ambient Temp: 87 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Date Sampled: 07/14/2017
Sampled By: EUGENIA HAMILTON
Foreman/Engr.: SABRE BEEBE

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.1979	0.1320	0.00	0.0116
CO2	0.0986	0.0170	0.00	0.0015
Methane	89.4191	15.1950	903.13	0.4953
Ethane	5.8784	1.5760	104.03	0.0610
Propane	2.0759	0.5730	52.23	0.0316
Iso-Butane	0.4093	0.1340	13.31	0.0082
N-Butane	0.4605	0.1460	15.02	0.0092
I-Pentane	0.1828	0.0670	7.31	0.0046
N-Pentane	0.0891	0.0320	3.57	0.0022
Hexane Plus	0.1884	0.0840	9.93	0.0062
Total	100.0000	17.9560	1108.54	0.6315

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0026	CYLINDER #:	5122
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1114.0	CYLINDER PRESSURE:	99 PSIG
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1094.6	DATE RUN:	7/27/17 12:00 AM
REAL SPECIFIC GRAVITY:	0.6329	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



30-045-32491
Bradenhead

BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: BARNES LS 7M BHD
Stn. No.:
Mtr. No.: API 3004532491

BRADENHEAD
MV/DK

08/01/2017
15950-10215

Smpl Date: 07/14/2017
Test Date: 07/27/2017
Run No: SO170043

Nitrogen: 1.1979
CO2: 0.0986
Methane: 89.4191
Ethane: 5.8784
Propane: 2.0759
I-Butane: 0.4093
N-Butane: 0.4605
I-Pentane: 0.1828
N-Pentane: 0.0891
Hexane+: 0.1884

BTU: 1114.0
GPM: 17.9560
SPG: 0.6329