



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

Analysis No: SO170046
Cust No: 15950-10205

Well/Lease Information

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

Source: TUBING
Well Flowing: Y
Pressure: 16 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	0.4655	0.0510	0.00	0.0045
CO2	2.3339	0.3990	0.00	0.0355
Methane	85.1170	14.4710	859.68	0.4715
Ethane	7.0025	1.8780	123.92	0.0727
Propane	2.6188	0.7240	65.89	0.0399
Iso-Butane	0.5601	0.1840	18.21	0.0112
N-Butane	0.6762	0.2140	22.06	0.0136
I-Pentane	0.2916	0.1070	11.67	0.0073
N-Pentane	0.2075	0.0750	8.32	0.0052
Hexane Plus	0.7269	0.3250	38.32	0.0241
Total	100.0000	18.4280	1148.07	0.6853

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0031	CYLINDER #:	7086
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1154.3	CYLINDER PRESSURE:	17 PSIG
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1134.2	DATE RUN:	7/27/17 4:31 PM
REAL SPECIFIC GRAVITY:	0.6872	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
Tubing



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

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

TUBING
MV/DK

08/01/2017
15950-10205

Smpl Date: 07/14/2017
Test Date: 07/27/2017
Run No: SO170046

Nitrogen: 0.4655
CO2: 2.3339
Methane: 85.1170
Ethane: 7.0025
Propane: 2.6188
I-Butane: 0.5601
N-Butane: 0.6762
I-Pentane: 0.2916
N-Pentane: 0.2075
Hexane+: 0.7269

BTU: 1154.3
GPM: 18.4280
SPG: 0.6872