



NMOCD REC'D
10/12/20

Well Name: PRITCHARD SWD #1
API #: API #300452835100
Source: BRADENHEAD
Sample Type: GAS
Analysis No: SO200183
Cust No: 15950-12275

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: PRITCHARD SWD #1
County/State: NM
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.: API #300452835100

Source: BRADENHEAD
Well Flowing: Y
Pressure: 28 PSIG
Flow Temp: DEG. F
Ambient Temp: DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 09/24/2020
Sample Time: 4.45 PM
Sampled By: TONY FELIX
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1567	0.1552	0.0170	0.00	0.0015
CO2	2.3159	2.2934	0.3960	0.00	0.0352
Methane	92.7952	91.8923	15.7670	937.23	0.5140
Ethane	2.8461	2.8184	0.7630	50.37	0.0295
Propane	0.8275	0.8194	0.2280	20.82	0.0126
Iso-Butane	0.1433	0.1419	0.0470	4.66	0.0029
N-Butane	0.2130	0.2109	0.0670	6.95	0.0043
I-Pentane	0.0964	0.0955	0.0350	3.86	0.0024
N-Pentane	0.0742	0.0735	0.0270	2.97	0.0018
Hexane Plus	0.5317	0.5265	0.2380	28.03	0.0176
Total	100.0000	99.0270	17.5850	1054.89	0.6218

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0025
BTU/CU.FT IDEAL: 1057.3
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1060.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1041.6
DRY BTU @ 15.025: 1081.2
REAL SPECIFIC GRAVITY: 0.6232

CYLINDER #: 1440
CYLINDER PRESSURE: 113 PSIG
ANALYSIS DATE: 09/30/2020
ANALYSIS TIME: 11:49:37 AM
ANALYSIS RUN BY: SHYANN ELLEDGE

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: 10/06/2020

GC Method: C6+ Gas



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: PRITCHARD SWD #1
Stn. No.: API
Mtr. No.:

BRADENHEAD

10/06/2020
15950-12275

Smpl Date: 09/24/2020
Test Date: 09/30/2020
Run No: SO200183

Nitrogen: 0.1567
CO2: 2.3159
Methane: 92.7952
Ethane: 2.8461
Propane: 0.8275
I-Butane: 0.1433
N-Butane: 0.2130
I-Pentane: 0.0964
N-Pentane: 0.0742
Hexane+: 0.5317

BTU: 1060.0
GPM: 17.5850
SPG: 0.6232