



NMOCD REC'D
10/12/20

Well Name: JAQUEZ GC F 1; BHD
API #: API #300452588400
Source: BRADENHEAD
Sample Type: GAS
Analysis No: SO200086
Cust No: 15950-11810

Well/Lease Information

Customer Name: BP - SOUTH BHD PROJECT
Well Name: JAQUEZ GC F 1; BHD
County/State: SAN JUAN NM
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.: API #300452588400
Source: BRADENHEAD
Well Flowing: Y
Pressure: 12 PSIG
Flow Temp: DEG. F
Ambient Temp: 78 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 07/28/2020
Sample Time: 1.20 PM
Sampled By: CELIA L.
Sampled by (CO): ABC
Heat Trace: N
Remarks: PRESSURED WITH HELIUM TO 30 LBS.

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.0322	0.5382	0.1140	0.00	0.0100
CO2	0.0035	0.0018	0.0010	0.00	0.0001
Methane	93.5291	48.7650	15.8900	944.64	0.5181
Ethane	3.3058	1.7236	0.8860	58.50	0.0343
Propane	1.1279	0.5881	0.3110	28.38	0.0172
Iso-Butane	0.2156	0.1124	0.0710	7.01	0.0043
N-Butane	0.2888	0.1506	0.0910	9.42	0.0058
I-Pentane	0.1216	0.0634	0.0450	4.87	0.0030
N-Pentane	0.0890	0.0464	0.0320	3.57	0.0022
Hexane Plus	0.2865	0.1494	0.1280	15.10	0.0095
Total	100.0000	52.1389	17.5690	1071.49	0.6044

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
BTU/CU.FT IDEAL: 1074.0
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1076.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1057.9
DRY BTU @ 15.025: 1098.2
REAL SPECIFIC GRAVITY: 0.6056

CYLINDER #: 0115
CYLINDER PRESSURE: PSIG
ANALYSIS DATE: 07/31/2020
ANALYSIS TIME: 02:21:25 PM
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: 08/05/2020

GC Method: C6+ Gas



BP - SOUTH BHD PROJECT
WELL ANALYSIS COMPARISON

Lease: JAQUEZ GC F 1; BHD
Stn. No.: API
Mtr. No.:

BRADENHEAD

08/05/2020
15950-11810

Smpl Date: 07/28/2020
Test Date: 07/31/2020
Run No: SO200086

Nitrogen: 1.0322
CO2: 0.0035
Methane: 93.5291
Ethane: 3.3058
Propane: 1.1279
I-Butane: 0.2156
N-Butane: 0.2888
I-Pentane: 0.1216
N-Pentane: 0.0890
Hexane+: 0.2865

BTU: 1076.6
GPM: 17.5690
SPG: 0.6056