



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

Analysis No: AP180001
Cust No: 13050-10050

30.045.24179

Well/Lease Information

Customer Name: A-PLUS WELL SERVICE, INC.
Well Name: GCU 094E; BHD
County/State:
Location:
Field:
Formation:
Cust. Stn. No.:

Source: BRADENHEAD
Well Flowing: Y
Pressure: 15 PSIG
Flow Temp: DEG. F
Ambient Temp: DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 08/06/2018
Sample Time: 7.12 AM
Sampled By: CELIA L.
Sampled by (CO): ABC

NMOC

DEC 06 2018

DISTRICT III

Heat Trace: N
Remarks:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	22.9662	22.9446	2.5300	0.00	0.2221
CO2	0.0288	0.0288	0.0050	0.00	0.0004
Methane	72.0278	71.9600	12.2290	727.48	0.3990
Ethane	3.2339	3.2309	0.8660	57.23	0.0336
Propane	1.1437	1.1426	0.3160	28.78	0.0174
Iso-Butane	0.2200	0.2198	0.0720	7.15	0.0044
N-Butane	0.2244	0.2242	0.0710	7.32	0.0045
I-Pentane	0.0715	0.0714	0.0260	2.86	0.0018
N-Pentane	0.0093	0.0093	0.0030	0.37	0.0002
Hexane Plus	0.0744	0.0743	0.0330	3.92	0.0025
Total	100.0000	99.9059	16.1510	835.12	0.6859

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0017
BTU/CU.FT IDEAL: 837.0
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 838.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 823.9
DRY BTU @ 15.025: 855.3
REAL SPECIFIC GRAVITY: 0.6868

CYLINDER #: 020
CYLINDER PRESSURE: 15 PSIG
ANALYSIS DATE: 08/08/2018
ANALYSIS TIME: 07:25:19 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

GC Method: C6+ Gas

Last Cal/Verify: 08/14/2018



A-PLUS WELL SERVICE, INC.
WELL ANALYSIS COMPARISON

Lease: GCU 094E; BHD
Stn. No.:
Mtr. No.:

BRADENHEAD

08/14/2018
13050-10050

Smpl Date: 08/06/2018
Test Date: 08/08/2018
Run No: AP180001

Nitrogen: 22.9662
CO2: 0.0288
Methane: 72.0278
Ethane: 3.2339
Propane: 1.1437
I-Butane: 0.2200
N-Butane: 0.2244
I-Pentane: 0.0715
N-Pentane: 0.0093
Hexane+: 0.0744

BTU: 838.5
GPM: 16.1510
SPG: 0.6868