



Huerfano Unit 80 - API# 30-045-06096

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: HS180217
Cust No: 35825-10885**Well/Lease Information**Customer Name: HILCORP (BHD PROJECT)
Well Name: HUERFANO UNIT #80; BHD
County/State: SAN JUAN NM
Location:
Field: AREA 6 / RUN 604
Formation: PC
Cust. Stn. No.: 74503-01Source: BRADENHEAD
Well Flowing: Y
Pressure: 84 PSIG
Flow Temp: 85 DEG. F
Ambient Temp: 76 DEG. F
Flow Rate: 40 MCF/D
Sample Method: Purge & Fill
Sample Date: 09/24/2018
Sample Time: 9.30 AM
Sampled By: ARCHIE LUCERO
Sampled by (CO): HILCORPHeat Trace: N
Remarks:**Analysis**

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1151	0.1126	0.0130	0.00	0.0011
CO2	4.1711	4.0822	0.7130	0.00	0.0634
Methane	87.3170	85.4570	14.8360	881.90	0.4836
Ethane	7.9422	7.7730	2.1290	140.55	0.0825
Propane	0.2205	0.2158	0.0610	5.55	0.0034
Iso-Butane	0.0496	0.0485	0.0160	1.61	0.0010
N-Butane	0.0408	0.0399	0.0130	1.33	0.0008
I-Pentane	0.0167	0.0163	0.0060	0.67	0.0004
N-Pentane	0.0109	0.0107	0.0040	0.44	0.0003
Hexane Plus	0.1161	0.1136	0.0520	6.12	0.0038
Total	100.0000	97.8696	17.8430	1038.17	0.6403

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0025
BTU/CU.FT IDEAL: 1040.6
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1043.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1025.0
DRY BTU @ 15.025: 1064.1
REAL SPECIFIC GRAVITY: 0.6416CYLINDER #: 4097
CYLINDER PRESSURE: 30 PSIG
ANALYSIS DATE: 09/26/2018
ANALYSIS TIME: 02:29:49 AM
ANALYSIS RUN BY: Celia Lobato

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: 10/03/2018

GC Method: C6+ Gas

NMOCD

NOV 05 2018

DISTRICT III



HILCORP (BHD PROJECT)
WELL ANALYSIS COMPARISON

Lease: HUERFANO UNIT #80; BHD
Stn. No.: 74503-01
Mtr. No.:

BRADENHEAD
PC

10/03/2018
35825-10885

Smpl Date: 09/24/2018
Test Date: 09/26/2018
Run No: HS180217

Nitrogen: 0.1151
CO2: 4.1711
Methane: 87.3170
Ethane: 7.9422
Propane: 0.2205
I-Butane: 0.0496
N-Butane: 0.0408
I-Pentane: 0.0167
N-Pentane: 0.0109
Hexane+: 0.1161

BTU: 1043.2
GPM: 17.8430
SPG: 0.6416