



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

Analysis No: HS170007
Cust No: 35825-10030

30-045-34076

Well/Lease Information

Customer Name: HILCORP (BHD PROJECT)
Well Name: SAN JUAN 32-7 43M; BHD
County/State: SAN JUAN NM
Location: I32-07N-21W
Field: AREA 4 / RUN 411
Formation: MV/DK
Cust. Stn. No.:

Source: BRADENHEAD
Well Flowing: Y
Pressure: 4 PSIA
Flow Temp: DEG. F
Ambient Temp: DEG. F
Flow Rate: MCF/D
Sample Method:
Date Sampled: 10/13/2017
Sample Time: 9.10 AM
Sampled By: TERRY GOMEZ
Sampled by (CO): HILCORP

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	43.3048	13.1997	4.7710	0.00	0.4188
CO2	2.7837	0.8485	0.4760	0.00	0.0423
Methane	44.8215	13.6620	7.6100	452.70	0.2483
Ethane	5.1472	1.5689	1.3790	91.09	0.0534
Propane	1.8868	0.5751	0.5210	47.47	0.0287
Iso-Butane	0.3592	0.1095	0.1180	11.68	0.0072
N-Butane	0.4928	0.1502	0.1560	16.08	0.0099
I-Pentane	0.2313	0.0705	0.0850	9.25	0.0058
N-Pentane	0.1578	0.0481	0.0570	6.33	0.0039
Hexane Plus	0.8149	0.2484	0.3640	42.95	0.0270
Total	100.0000	30.4809	15.5370	677.55	0.8453

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0017
BTU/CU.FT IDEAL: 679.1
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 680.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 668.5
DRY BTU @ 15.025: 693.9
REAL SPECIFIC GRAVITY: 0.8464

CYLINDER #: 7032
CYLINDER PRESSURE: 10 PSIG
DATE RUN: 10/23/17 12:00 AM
ANALYSIS RUN BY: CAMERON MANGAN

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: 10/27/2017

OIL CONS. DIV DIST. 3
OCT 31 2017

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HILCORP (BHD PROJECT)
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 32-7 43M; BHD
Stn. No.:
Mtr. No.:

BRADENHEAD
MV/DK

10/27/2017
35825-10030

Smpl Date: 10/13/2017
Test Date: 10/23/2017
Run No: HS170007

Nitrogen: 43.3048
CO2: 2.7837
Methane: 44.8215
Ethane: 5.1472
Propane: 1.8868
I-Butane: 0.3592
N-Butane: 0.4928
I-Pentane: 0.2313
N-Pentane: 0.1578
Hexane+: 0.8149

BTU: 680.3
GPM: 15.5370
SPG: 0.8464