



OCD Received
5/6/2020

Well Name: LV HAMNER B-1B; CSG
API #: API #30-045-29980
Source: CASING
Sample Type: GAS
Analysis No: MT200005
Cust No: 53785-10110

Well/Lease Information

Customer Name: MUSTANG RESOURCES
Well Name: LV HAMNER B-1B; CSG
County/State: SAN JUAN NM
Location:
Lease/PA/CA: 080245B
Formation: MV
Cust. Stn. No.: API #30-045-29980

Source: CASING
Well Flowing: Y
Pressure: 21.6 PSIG
Flow Temp: 55 DEG. F
Ambient Temp: 47 DEG. F
Flow Rate: 0 MCF/D
Sample Method:
Sample Date: 04/07/2020
Sample Time: 8.50 AM
Sampled By: DON JOHNSON
Sampled by (CO): MUSTANG

Heat Trace: N

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	2.8520	2.1014	0.3160	0.00	0.0276
CO2	0.6371	0.4694	0.1090	0.00	0.0097
Methane	65.9728	48.6100	11.2530	666.33	0.3654
Ethane	9.9414	7.3250	2.6750	175.93	0.1032
Propane	6.7812	4.9965	1.8800	170.62	0.1032
Iso-Butane	2.1254	1.5660	0.7000	69.12	0.0427
N-Butane	4.6921	3.4572	1.4880	153.07	0.0942
I-Pentane	2.3500	1.7315	0.8650	94.02	0.0585
N-Pentane	1.9917	1.4675	0.7260	79.84	0.0496
Hexane Plus	2.6563	1.9572	1.1920	140.02	0.0879
Total	100.0000	73.6817	21.2040	1548.94	0.9420

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0064
BTU/CU.FT IDEAL: 1552.5
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1562.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1535.2
DRY BTU @ 15.025: 1593.7
REAL SPECIFIC GRAVITY: 0.9476

CYLINDER #: 4123
CYLINDER PRESSURE: 9 PSIG
ANALYSIS DATE: 04/13/2020
ANALYSIS TIME: 10:46:49 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: 04/14/2020

GC Method: C6+ Gas



MUSTANG RESOURCES
WELL ANALYSIS COMPARISON

Lease: LV HAMNER B-1B; CSG
Stn. No.: API #30-045-29980
Mtr. No.:

CASING
MV

04/14/2020
53785-10110

Smpl Date: 04/07/2020
Test Date: 04/13/2020
Run No: MT200005

Nitrogen: 2.8520
CO2: 0.6371
Methane: 65.9728
Ethane: 9.9414
Propane: 6.7812
I-Butane: 2.1254
N-Butane: 4.6921
I-Pentane: 2.3500
N-Pentane: 1.9917
Hexane+: 2.6563

BTU: 1562.4
GPM: 21.2040
SPG: 0.9476