



OCD Received
5/6/2020

Well Name: LV HAMNER B-1B; INTER
API #: API #30-045-29980
Source: INTERMEDIATE CASING
Sample Type: GAS
Analysis No: MT200006
Cust No: 53785-10115

Well/Lease Information

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

Source: INTERMEDIATE CASING
Well Flowing: Y
Pressure: 20.2 PSIG
Flow Temp: 55 DEG. F
Ambient Temp: 49 DEG. F
Flow Rate: 0 MCF/D
Sample Method:
Sample Date: 04/07/2020
Sample Time: 9.00 AM
Sampled By: DON JOHNSON
Sampled by (CO): MUSTANG

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.6765	1.6466	0.1850	0.00	0.0162
CO2	0.0322	0.0316	0.0060	0.00	0.0005
Methane	91.9029	90.2663	15.6140	928.22	0.5091
Ethane	4.1345	4.0609	1.1080	73.17	0.0429
Propane	1.4343	1.4088	0.3960	36.09	0.0218
Iso-Butane	0.2658	0.2611	0.0870	8.64	0.0053
N-Butane	0.2747	0.2698	0.0870	8.96	0.0055
I-Pentane	0.0910	0.0894	0.0330	3.64	0.0023
N-Pentane	0.0573	0.0563	0.0210	2.30	0.0014
Hexane Plus	0.1308	0.1285	0.0580	6.89	0.0043
Total	100.0000	98.2193	17.5950	1067.91	0.6094

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
BTU/CU.FT IDEAL: 1070.4
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1073.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1054.3
DRY BTU @ 15.025: 1094.5
REAL SPECIFIC GRAVITY: 0.6106

CYLINDER #: 6122
CYLINDER PRESSURE: 21 PSIG
ANALYSIS DATE: 04/13/2020
ANALYSIS TIME: 10:59:46 AM
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: 04/14/2020

GC Method: C6+ Gas



MUSTANG RESOURCES
WELL ANALYSIS COMPARISON

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

INTERMEDIATE CASING
MV

04/14/2020
53785-10115

Smpl Date: 04/07/2020
Test Date: 04/13/2020
Run No: MT200006
Nitrogen: 1.6765
CO2: 0.0322
Methane: 91.9029
Ethane: 4.1345
Propane: 1.4343
I-Butane: 0.2658
N-Butane: 0.2747
I-Pentane: 0.0910
N-Pentane: 0.0573
Hexane+: 0.1308
BTU: 1073.0
GPM: 17.5950
SPG: 0.6106