



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

Analysis No: RO190007
Cust No: 69010-10145

30-039-23041

Well/Lease Information

Customer Name: RIM OPERATING
Well Name: SCHMITZ 2; CSG
County/State: RIO ARRIBA NM
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: CASING
Well Flowing: Y
Pressure: 147 PSIG
Flow Temp: DEG. F
Ambient Temp: 76 DEG. F
Flow Rate: MCF/D
Sample Method:
Sample Date: 07/30/2019
Sample Time: 9.35 AM
Sampled By: CELIA L.
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.6671	0.6641	0.0740	0.00	0.0065
CO2	0.7745	0.7710	0.1330	0.00	0.0118
Methane	76.6993	76.3557	13.0500	774.66	0.4248
Ethane	11.9489	11.8953	3.2070	211.46	0.1241
Propane	5.6537	5.6284	1.5630	142.25	0.0861
Iso-Butane	0.8218	0.8181	0.2700	26.72	0.0165
N-Butane	1.7801	1.7721	0.5630	58.07	0.0357
I-Pentane	0.5503	0.5478	0.2020	22.02	0.0137
N-Pentane	0.4590	0.4569	0.1670	18.40	0.0114
Hexane Plus	0.6453	0.6424	0.2890	34.01	0.0214
Total	100.0000	99.5518	19.5180	1287.60	0.7519

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0039
BTU/CU.FT IDEAL: 1290.6
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1295.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1273.1
DRY BTU @ 15.025: 1321.5
REAL SPECIFIC GRAVITY: 0.7545

CYLINDER #: 018
CYLINDER PRESSURE: 96 PSIG
ANALYSIS DATE: 07/31/2019
ANALYSIS TIME: 01:50:19 PM
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: 07/31/2019

GC Method: C6+ Gas