



Well Name: GEORGE 11-11 #4; BHD
API #: 067-09449
Source: BRADENHEAD
Sample Type: GAS
Analysis No: NB20220037
Cust No: 69250-14420

Well/Lease Information

Customer Name: SIMCOE NORTH BHD
Well Name: GEORGE 11-11 #4; BHD
County/State: CO
Location:
Lease/PA/CA: COC 56179
Formation:
Cust. Stn. No.: 067-09449

Source: BRADENHEAD
Well Flowing:
Pressure: PSIG
Flow Temp: DEG. F
Ambient Temp: DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 06/13/2022
Sample Time: 9.10 AM
Sampled By: HEATHER
Sampled by (CO): ABC

Heat Trace:

Remarks:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	2.0062	1.8943	0.2210	0.00	0.0194
CO2	0.0169	0.0160	0.0030	0.00	0.0003
Methane	91.0390	85.9606	15.4670	919.49	0.5043
Ethane	4.2092	3.9744	1.1280	74.49	0.0437
Propane	1.7889	1.6891	0.4940	45.01	0.0272
Iso-Butane	0.3753	0.3544	0.1230	12.20	0.0075
N-Butane	0.3284	0.3101	0.1040	10.71	0.0066
I-Pentane	0.0903	0.0853	0.0330	3.61	0.0022
N-Pentane	0.0434	0.0410	0.0160	1.74	0.0011
Hexane Plus	0.1024	0.0967	0.0460	5.40	0.0034
Total	100.0000	94.4219	17.6350	1072.66	0.6157

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
BTU/CU.FT IDEAL: 1075.1
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1077.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1058.9
DRY BTU @ 15.025: 1099.3
REAL SPECIFIC GRAVITY: 0.6169

CYLINDER #: 1465
CYLINDER PRESSURE: 20 PSIG
ANALYSIS DATE: 06/15/2022
ANALYSIS TIME: 03:21:16 PM
ANALYSIS RUN BY: ALEXIS MITCHELL

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: 06/28/2022

GC Method: C6+ Gas



SIMCOE NORTH BHD
WELL ANALYSIS COMPARISON

Lease: GEORGE 11-11 #4; BHD
Stn. No.: 067-09449
Mtr. No.:

BRADENHEAD

06/28/2022
69250-14420

Smpl Date: 06/13/2022
Test Date: 06/15/2022
Run No: NB20220037

Nitrogen: 2.0062
CO2: 0.0169
Methane: 91.0390
Ethane: 4.2092
Propane: 1.7889
I-Butane: 0.3753
N-Butane: 0.3284
I-Pentane: 0.0903
N-Pentane: 0.0434
Hexane+: 0.1024

BTU: 1077.7
GPM: 17.6350
SPG: 0.6169