



Well Name: GEORGE 11-11 #4; CSG

API #: 067-09449

Source: CASING

Sample Type: GAS

Analysis No: NB20220038

Cust No: 69250-14425

### Well/Lease Information

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

Source: CASING  
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: 9.15 AM  
Sampled By: HEATHER  
Sampled by (CO): ABC

Heat Trace:

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

### Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.2580	0.1206	0.0280	0.00	0.0025
CO2	3.2352	1.5124	0.5530	0.00	0.0492
Methane	96.3898	45.0611	16.3710	973.54	0.5339
Ethane	0.1144	0.0535	0.0310	2.02	0.0012
Propane	0.0026	0.0012	0.0010	0.07	0.0000
Iso-Butane	0.0000	0.0000	0.0000	0.00	0.0000
N-Butane	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
N-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
Hexane Plus	0.0000	0.0000	0.0000	0.00	0.0000
Total	100.0000	46.7488	16.9840	975.63	0.5868

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021  
BTU/CU.FT IDEAL: 977.9  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 979.9  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 962.8  
DRY BTU @ 15.025: 999.5  
REAL SPECIFIC GRAVITY: 0.5878

CYLINDER #: 1482  
CYLINDER PRESSURE: PSIG  
ANALYSIS DATE: 06/15/2022  
ANALYSIS TIME: 03:37:09 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; CSG  
**Stn. No.:** 067-09449  
**Mtr. No.:**

CASING

06/28/2022  
69250-14425

**Smpl Date:** 06/13/2022  
**Test Date:** 06/15/2022  
**Run No:** NB20220038

**Nitrogen:** 0.2580  
**CO2:** 3.2352  
**Methane:** 96.3898  
**Ethane:** 0.1144  
**Propane:** 0.0026  
**I-Butane:** 0.0000  
**N-Butane:** 0.0000  
**I-Pentane:** 0.0000  
**N-Pentane:** 0.0000  
**Hexane+:** 0.0000

**BTU:** 979.9  
**GPM:** 16.9840  
**SPG:** 0.5878