



Well Name: DWIGHT SOSSAMAN A #2;

API #: 067-08982

Source: CASING

Sample Type: GAS

Analysis No: NB20230025

Cust No: 69250-14020

Well/Lease Information

Customer Name: SIMCOE NORTH BHD
Well Name: DWIGHT SOSSAMAN A #2; CSG
County/State: LA PLATA CO
Location:
Lease/PA/CA: FE
Formation: E
Cust. Stn. No.: 067-08982

Source: CASING
Well Flowing: Y
Pressure: 60 PSIG
Flow Temp: DEG. F
Ambient Temp: 93 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 07/11/2023
Sample Time: 2.15 PM
Sampled By: HEATHER
Sampled by (CO): ABC

Heat Trace: N

Remarks:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.0907	0.0891	0.0100	0.00	0.0009
CO2	0.5734	0.5633	0.0980	0.00	0.0087
Methane	99.2548	97.5048	16.8560	1002.47	0.5498
Ethane	0.0557	0.0547	0.0150	0.99	0.0006
Propane	0.0036	0.0035	0.0010	0.09	0.0001
Iso-Butane	0.0019	0.0019	0.0010	0.06	0.0000
N-Butane	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0014	0.0014	0.0010	0.06	0.0000
N-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
Hexane Plus	0.0185	0.0182	0.0080	0.98	0.0006
Total	100.0000	98.2369	16.9900	1004.64	0.5607

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.002
BTU/CU.FT IDEAL: 1007.0
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1009.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 991.4
DRY BTU @ 15.025: 1029.2
REAL SPECIFIC GRAVITY: 0.5616

CYLINDER #: 1417
CYLINDER PRESSURE: 40 PSIG
ANALYSIS DATE: 07/14/2023
ANALYSIS TIME: 01:30:39 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: 07/19/2023

GC Method: C6+ Gas



SIMCOE NORTH BHD
WELL ANALYSIS COMPARISON

Lease: DWIGHT SOSSAMAN A #2; CSG CASING 07/19/2023
Stn. No.: 067-08982 69250-14020
Mtr. No.:

Smpl Date:	07/11/2023	08/18/2022	08/09/2021
Test Date:	07/14/2023	08/23/2022	08/17/2021
Run No:	NB20230025	NB20220078	NB2021137
Nitrogen:	0.0907	0.0880	0.1063
CO2:	0.5734	0.5547	0.5034
Methane:	99.2548	99.3072	99.3282
Ethane:	0.0557	0.0501	0.0589
Propane:	0.0036	0.0000	0.0019
I-Butane:	0.0019	0.0000	0.0000
N-Butane:	0.0000	0.0000	0.0013
I-Pentane:	0.0014	0.0000	0.0000
N-Pentane:	0.0000	0.0000	0.0000
Hexane+:	0.0185	0.0000	0.0000
BTU:	1009.0	1008.2	1008.7
GPM:	16.9900	16.9830	16.9840
SPG:	0.5616	0.5608	0.5604