



Well Name: DWIGHT SOSSAMAN A #2;  
API #: 067-08982  
Source: BRADENHEAD  
Sample Type: GAS  
Analysis No: NB20230024  
Cust No: 69250-14015

### Well/Lease Information

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

Source: BRADENHEAD  
Well Flowing: Y  
Pressure: 30 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: 2.10 PM  
Sampled By: HEATHER  
Sampled by (CO): ABC

Heat Trace: N

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

### Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.0828	0.0644	0.0090	0.00	0.0008
CO2	0.0224	0.0174	0.0040	0.00	0.0003
Methane	99.7841	77.5904	16.9460	1007.82	0.5527
Ethane	0.0723	0.0562	0.0190	1.28	0.0008
Propane	0.0067	0.0052	0.0020	0.17	0.0001
Iso-Butane	0.0000	0.0000	0.0000	0.00	0.0000
N-Butane	0.0028	0.0022	0.0010	0.09	0.0001
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	0.0289	0.0225	0.0130	1.52	0.0010
Total	100.0000	77.7583	16.9940	1010.88	0.5557

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.002  
BTU/CU.FT IDEAL: 1013.2  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1015.3  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 997.6  
DRY BTU @ 15.025: 1035.6  
REAL SPECIFIC GRAVITY: 0.5566

CYLINDER #: 2055  
CYLINDER PRESSURE: PSIG  
ANALYSIS DATE: 07/14/2023  
ANALYSIS TIME: 01:17:07 PM  
ANALYSIS RUN BY: ACEDA GOODNOH

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; BHD BRADENHEAD 07/19/2023  
Stn. No.: 067-08982 69250-14015  
Mtr. No.:

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Smpl Date:	07/11/2023	08/18/2022	08/09/2021
Test Date:	07/14/2023	08/23/2022	08/17/2021
Run No:	NB20230024	NB20220077	NB2021136
Nitrogen:	0.0828	0.0902	0.1432
CO2:	0.0224	0.0623	0.0547
Methane:	99.7841	99.7946	99.6752
Ethane:	0.0723	0.0517	0.0937
Propane:	0.0067	0.0012	0.0140
I-Butane:	0.0000	0.0000	0.0026
N-Butane:	0.0028	0.0000	0.0047
I-Pentane:	0.0000	0.0000	0.0014
N-Pentane:	0.0000	0.0000	0.0000
Hexane+:	0.0289	0.0000	0.0105
BTU:	1015.3	1013.2	1013.9
GPM:	16.9940	16.9830	16.9890
SPG:	0.5566	0.5560	0.5569