



Well Name: DWIGHT SOSSAMAN A #2;  
API #: 067-08982  
Source: BRADENHEAD  
Sample Type: GAS  
Analysis No: NB20240007  
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: 33 PSIG  
Flow Temp: DEG. F  
Ambient Temp: 66 DEG. F  
Flow Rate: MCF/D  
Sample Method: Purge & Fill  
Sample Date: 07/09/2024  
Sample Time: 8.42 AM  
Sampled By: HEATHER  
Sampled by (CO): ABC

Heat Trace: N  
Remarks:

### Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1255	0.1209	0.0140	0.00	0.0012
CO2	0.0184	0.0177	0.0030	0.00	0.0003
Methane	99.6349	96.0093	16.9210	1006.31	0.5519
Ethane	0.0971	0.0936	0.0260	1.72	0.0010
Propane	0.0304	0.0293	0.0080	0.76	0.0005
Iso-Butane	0.0051	0.0049	0.0020	0.17	0.0001
N-Butane	0.0145	0.0140	0.0050	0.47	0.0003
I-Pentane	0.0060	0.0058	0.0020	0.24	0.0001
N-Pentane	0.0053	0.0051	0.0020	0.21	0.0001
Hexane Plus	0.0628	0.0605	0.0280	3.31	0.0021
Total	100.0000	96.3611	17.0110	1013.20	0.5576

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.002  
BTU/CU.FT IDEAL: 1015.5  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1017.6  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 999.9  
DRY BTU @ 15.025: 1038.0  
REAL SPECIFIC GRAVITY: 0.5585

CYLINDER #: 1418  
CYLINDER PRESSURE: 30 PSIG  
ANALYSIS DATE: 07/12/2024  
ANALYSIS TIME: 02:42:09 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: 07/16/2024

GC Method: C6+ Gas



SIMCOE NORTH BHD  
WELL ANALYSIS COMPARISON

Lease: DWIGHT SOSSAMAN A #2; BHD  
Stn. No.: 067-08982  
Mtr. No.:

BRADENHEAD

07/16/2024  
69250-14015

Smpl Date:	07/09/2024	07/11/2023	08/18/2022	08/09/2021
Test Date:	07/12/2024	07/14/2023	08/23/2022	08/17/2021
Run No:	NB20240007	NB20230024	NB20220077	NB2021136
Nitrogen:	0.1255	0.0828	0.0902	0.1432
CO2:	0.0184	0.0224	0.0623	0.0547
Methane:	99.6349	99.7841	99.7946	99.6752
Ethane:	0.0971	0.0723	0.0517	0.0937
Propane:	0.0304	0.0067	0.0012	0.0140
I-Butane:	0.0051	0.0000	0.0000	0.0026
N-Butane:	0.0145	0.0028	0.0000	0.0047
I-Pentane:	0.0060	0.0000	0.0000	0.0014
N-Pentane:	0.0053	0.0000	0.0000	0.0000
Hexane+:	0.0628	0.0289	0.0000	0.0105
BTU:	1017.6	1015.3	1013.2	1013.9
GPM:	17.0110	16.9940	16.9830	16.9890
SPG:	0.5585	0.5566	0.5560	0.5569