



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: NR20240001
Cust No: 55600-10005

Well/Lease Information

Customer Name: NUEVIDA RESOURCES LLC
Well Name: ARDOURELL #3 HL; CSG
County/State: LA PLATA CO
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.: 0506710037
33081718

Source: WELL HEAD
Well Flowing: N
Pressure: 1272 PSIG
Flow Temp: DEG. F
Ambient Temp: DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 05/08/2024
Sample Time: 10.00 AM
Sampled By: CS
Sampled by (CO): WALSH

Heat Trace: N
Remarks:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1182	0.1173	0.0130	0.00	0.0011
CO2	0.0021	0.0021	0.0000	0.00	0.0000
Methane	99.7605	99.0127	16.9420	1007.58	0.5526
Ethane	0.1168	0.1159	0.0310	2.07	0.0012
Propane	0.0024	0.0024	0.0010	0.06	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	99.2504	16.9870	1009.71	0.5550

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.002
BTU/CU.FT IDEAL: 1012.0
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1014.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 996.5
DRY BTU @ 15.025: 1034.4
REAL SPECIFIC GRAVITY: 0.5559

CYLINDER #: 2055
CYLINDER PRESSURE: 450 PSIG
ANALYSIS DATE: 05/10/2024
ANALYSIS TIME: 01:21:12 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: 05/10/2024

GC Method: C6+ Gas



NUEVIDA RESOURCES LLC
WELL ANALYSIS COMPARISON

Lease: ARDOURELL #3 HL; CSG
Stn. No.: 0506710037
Mtr. No.: 33081718

WELL HEAD INTERMEDIATE

05/10/2024
55600-10005

Smpl Date: 05/08/2024
Test Date: 05/10/2024
Run No: NR20240001

Nitrogen: 0.1182
CO2: 0.0021
Methane: 99.7605
Ethane: 0.1168
Propane: 0.0024
I-Butane: 0.0000
N-Butane: 0.0000
I-Pentane: 0.0000
N-Pentane: 0.0000
Hexane+: 0.0000

BTU: 1014.1
GPM: 16.9870
SPG: 0.5559