



Well Name: NELLIE PLATERO #008;
 API #: 3004528702
 Source: BRADENHEAD
 Sample Type: GAS
 Analysis No: DR20240177
 Cust No: 21300-13640

Well/Lease Information

Customer Name: D.J.R.	Source: BRADENHEAD
Well Name: NELLIE PLATERO #008; BHD	Well Flowing: Y
County/State: SAN JUAN NM	Pressure: 85 PSIG
Location:	Flow Temp: DEG. F
Lease/PA/CA:	Ambient Temp: 60 DEG. F
Formation:	Flow Rate: MCF/D
Cust. Stn. No.: 3004528702	Sample Method: Purge & Fill
	Sample Date: 10/16/2024
	Sample Time: 8.40 AM
	Sampled By: J. HARTER
	Sampled by (CO): COTTONWOOD

Heat Trace: N

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.5621	1.5544	0.1720	0.00	0.0151
CO2	0.0028	0.0028	0.0000	0.00	0.0000
Methane	87.4158	86.9829	14.8560	882.90	0.4842
Ethane	6.9164	6.8822	1.8540	122.40	0.0718
Propane	2.6324	2.6194	0.7270	66.23	0.0401
Iso-Butane	0.5092	0.5067	0.1670	16.56	0.0102
N-Butane	0.5607	0.5579	0.1770	18.29	0.0113
I-Pentane	0.1929	0.1919	0.0710	7.72	0.0048
N-Pentane	0.0699	0.0696	0.0250	2.80	0.0017
Hexane Plus	0.1378	0.1371	0.0620	7.26	0.0046
Total	100.0000	99.5049	18.1110	1124.17	0.6438

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0027	CYLINDER #:	7031
BTU/CU.FT IDEAL:	1126.8	CYLINDER PRESSURE:	79 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1129.8	ANALYSIS DATE:	10/17/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1110.1	ANALYSIS TIME:	02:49:00 PM
DRY BTU @ 15.025:	1152.4	ANALYSIS RUN BY:	SARAH BALLARD
REAL SPECIFIC GRAVITY:	0.6453		

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: 10/22/2024

GC Method: C6+ Gas



D.J.R.

WELL ANALYSIS COMPARISON

Lease:	NELLIE PLATERO #008; BHD	BRADENHEAD	10/22/2024
Stn. No.:	3004528702		21300-13640
Mtr. No.:			

Smpl Date:	10/16/2024
Test Date:	10/17/2024
Run No:	DR20240177

Nitrogen:	1.5621
CO2:	0.0028
Methane:	87.4158
Ethane:	6.9164
Propane:	2.6324
I-Butane:	0.5092
N-Butane:	0.5607
I-Pentane:	0.1929
N-Pentane:	0.0699
Hexane+:	0.1378
BTU:	1129.8
GPM:	18.1110
SPG:	0.6453



Well Name: NELLIE PLATERO #008;
 API #: 3004528702
 Source: CASING
 Sample Type: GAS
 Analysis No: DR20240178
 Cust No: 21300-13645

Well/Lease Information

Customer Name: D.J.R.	Source: CASING
Well Name: NELLIE PLATERO #008; CSG	Well Flowing: Y
County/State: SAN JUAN NM	Pressure: 5 PSIG
Location:	Flow Temp: DEG. F
Lease/PA/CA:	Ambient Temp: 60 DEG. F
Formation:	Flow Rate: MCF/D
Cust. Stn. No.: 3004528702	Sample Method: Purge & Fill
	Sample Date: 10/16/2024
	Sample Time: 8.50 AM
	Sampled By: J. HARTE
	Sampled by (CO): COTTONWOOD

Heat Trace: N

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1012	0.0453	0.0110	0.00	0.0010
CO2	0.5709	0.2556	0.0980	0.00	0.0087
Methane	92.4333	41.3845	15.7040	933.58	0.5120
Ethane	4.8320	2.1634	1.2950	85.51	0.0502
Propane	1.4024	0.6279	0.3870	35.29	0.0214
Iso-Butane	0.2752	0.1232	0.0900	8.95	0.0055
N-Butane	0.1476	0.0661	0.0470	4.82	0.0030
I-Pentane	0.0500	0.0224	0.0180	2.00	0.0012
N-Pentane	0.0114	0.0051	0.0040	0.46	0.0003
Hexane Plus	0.1760	0.0788	0.0790	9.28	0.0058
Total	100.0000	44.7723	17.7330	1079.87	0.6090

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0024	CYLINDER #:	4185
BTU/CU.FT IDEAL:	1082.4	CYLINDER PRESSURE:	PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1085.0	ANALYSIS DATE:	10/17/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1066.1	ANALYSIS TIME:	03:01:00 PM
DRY BTU @ 15.025:	1106.7	ANALYSIS RUN BY:	SARAH BALLARD
REAL SPECIFIC GRAVITY:	0.6102		

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: 10/22/2024

GC Method: C6+ Gas



D.J.R.

WELL ANALYSIS COMPARISON

Lease:	NELLIE PLATERO #008; CSG	CASING	10/22/2024
Stn. No.:	3004528702		21300-13645
Mtr. No.:			

Smpl Date:	10/16/2024
Test Date:	10/17/2024
Run No:	DR20240178
Nitrogen:	0.1012
CO2:	0.5709
Methane:	92.4333
Ethane:	4.8320
Propane:	1.4024
I-Butane:	0.2752
N-Butane:	0.1476
I-Pentane:	0.0500
N-Pentane:	0.0114
Hexane+:	0.1760
BTU:	1085.0
GPM:	17.7330
SPG:	0.6102

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1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 395873

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 395873
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	notified by operator that there was a problem with the well - bradenhead pressure 85 - production casing 5	10/25/2024