



Well Name: LYBROOK 2308-241
 API #: 30-045-35548
 Source: BRADENHEAD
 Sample Type: GAS
 Analysis No: ED20250522
 Cust No: 25250-13520

Well/Lease Information

Customer Name: ENDURING RESOURCES	Source: BRADENHEAD
Well Name: LYBROOK 2308-241 #156H; BHD	Well Flowing: Y
County/State: SAN JUAN NM	Pressure: 51 PSIG
Location:	Flow Temp: 74 DEG. F
Lease/PA/CA:	Ambient Temp: 90 DEG. F
Formation:	Flow Rate: 92 MCF/D
Cust. Stn. No.: 30-045-35548	Sample Method: Purge & Fill
62386804	Sample Date: 07/11/2025
	Sample Time: 11.38 AM
	Sampled By: DANNY MONTOYA
Heat Trace: N	Sampled by (CO): ENDURING
Remarks:	

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	2.9531	2.9613	0.3270	0.00	0.0286
CO2	0.5139	0.5153	0.0880	0.00	0.0078
Methane	65.3208	65.5014	11.1310	659.74	0.3618
Ethane	13.0055	13.0415	3.4960	230.16	0.1350
Propane	9.9143	9.9417	2.7450	249.45	0.1509
Iso-Butane	1.4232	1.4271	0.4680	46.28	0.0286
N-Butane	3.4519	3.4614	1.0940	112.61	0.0693
I-Pentane	0.9353	0.9379	0.3440	37.42	0.0233
N-Pentane	0.9440	0.9466	0.3440	37.84	0.0235
Hexane Plus	1.5380	1.5423	0.6890	81.07	0.0509
Total	100.0000	100.2765	20.7260	1454.58	0.8797

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0054	CYLINDER #:	7033
BTU/CU.FT IDEAL:	1457.9	CYLINDER PRESSURE:	51 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1465.9	ANALYSIS DATE:	07/21/2025
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1440.4	ANALYSIS TIME:	09:51:03 AM
DRY BTU @ 15.025:	1495.3	ANALYSIS RUN BY:	ALEXIS MITCHELL
REAL SPECIFIC GRAVITY:	0.8841		

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: 07/24/2025

GC Method: C6+ Gas



ENDURING RESOURCES
WELL ANALYSIS COMPARISON

Lease: LYBROOK 2308-241 #156H; BHD BRADENHEAD 07/24/2025
Stn. No.: 30-045-35548 25250-13520
Mtr. No.: 62386804

Smpl Date: 07/11/2025
Test Date: 07/21/2025
Run No: ED20250522

Nitrogen: 2.9531
CO2: 0.5139
Methane: 65.3208
Ethane: 13.0055
Propane: 9.9143
I-Butane: 1.4232
N-Butane: 3.4519
I-Pentane: 0.9353
N-Pentane: 0.9440
Hexane+: 1.5380

BTU: 1465.9
GPM: 20.7260
SPG: 0.8841

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 488785

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 488785
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	12/15/2025