



Well Name: SCHMITZ 2; BHD
 API #: 3003923041
 Source: BRADENHEAD
 Sample Type: GAS
 Analysis No: RO20260001
 Cust No: 69010-10140

Well/Lease Information

Customer Name:	RIM OPERATING	Source:	BRADENHEAD
Well Name:	SCHMITZ 2; BHD	Well Flowing:	Y
County/State:	RIO ARRIBA NM	Pressure:	6 PSIG
Location:		Flow Temp:	DEG. F
Lease/PA/CA:	NM03556	Ambient Temp:	33 DEG. F
Formation:		Flow Rate:	MCF/D
Cust. Stn. No.:	3003923041	Sample Method:	Purge & Fill
		Sample Date:	01/06/2026
		Sample Time:	8.50 AM
		Sampled By:	CLL
		Sampled by (CO):	ABC
Heat Trace:	N		
Remarks:	PRESSURED WITH HELIUM TO 30 LBS.		

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.7122	0.2277	0.0790	0.00	0.0069
CO2	0.4964	0.1587	0.0850	0.00	0.0075
Methane	78.8384	25.2067	13.4140	796.27	0.4367
Ethane	10.0511	3.2136	2.6980	177.87	0.1044
Propane	5.1726	1.6538	1.4300	130.15	0.0788
Iso-Butane	0.9755	0.3119	0.3200	31.72	0.0196
N-Butane	1.4894	0.4762	0.4710	48.59	0.0299
I-Pentane	0.5874	0.1878	0.2160	23.50	0.0146
N-Pentane	0.4463	0.1427	0.1620	17.89	0.0111
Hexane Plus	1.2307	0.3935	0.5510	64.87	0.0407
Total	100.0000	31.9726	19.4260	1290.86	0.7502

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0039	CYLINDER #:	1397
BTU/CU.FT IDEAL:	1293.9	CYLINDER PRESSURE:	PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1298.9	ANALYSIS DATE:	01/12/2026
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1276.3	ANALYSIS TIME:	11:49:29 AM
DRY BTU @ 15.025:	1324.9	ANALYSIS RUN BY:	SARAH BALLARD
REAL SPECIFIC GRAVITY:	0.7528		

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: 01/15/2026

GC Method: C6+ Gas



RIM OPERATING
WELL ANALYSIS COMPARISON

Lease:	SCHMITZ 2; BHD	BRADENHEAD	01/15/2026
Stn. No.:	3003923041		69010-10140
Mtr. No.:			

Smpl Date:	01/06/2026	05/10/2022	07/30/2019
Test Date:	01/12/2026	05/13/2022	07/31/2019
Run No:	RO20260001	RO20220001	RO190006
Nitrogen:	0.7122	1.7654	0.6167
CO2:	0.4964	0.4227	0.0271
Methane:	78.8384	78.3989	79.3252
Ethane:	10.0511	9.8856	10.1604
Propane:	5.1726	5.0732	5.4680
I-Butane:	0.9755	0.9466	1.0237
N-Butane:	1.4894	1.4741	1.6550
I-Pentane:	0.5874	0.5549	0.6057
N-Pentane:	0.4463	0.4182	0.4625
Hexane+:	1.2307	1.0604	0.6557
BTU:	1298.9	1275.9	1291.1
GPM:	19.4260	19.2690	19.3510
SPG:	0.7528	0.7481	0.7391



Well Name: SCHMITZ 2; CSG
 API #: 3003923041
 Source: CASING
 Sample Type: GAS
 Analysis No: RO20260002
 Cust No: 69010-10145

Well/Lease Information

Customer Name: RIM OPERATING	Source: CASING
Well Name: SCHMITZ 2; CSG	Well Flowing: Y
County/State: RIO ARRIBA NM	Pressure: 44 PSIG
Location:	Flow Temp: DEG. F
Lease/PA/CA: NM03556	Ambient Temp: 33 DEG. F
Formation:	Flow Rate: MCF/D
Cust. Stn. No.: 3003923041	Sample Method: Purge & Fill
	Sample Date: 01/06/2026
	Sample Time: 8.45 AM
	Sampled By: CLL
Heat Trace: N	Sampled by (CO): ABC
Remarks:	

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.5919	0.5854	0.0650	0.00	0.0057
CO2	0.5360	0.5301	0.0920	0.00	0.0081
Methane	77.5438	76.6950	13.1970	783.19	0.4295
Ethane	10.7994	10.6812	2.8990	191.12	0.1121
Propane	5.5832	5.5221	1.5440	140.48	0.0850
Iso-Butane	1.0495	1.0380	0.3450	34.13	0.0211
N-Butane	1.5789	1.5616	0.5000	51.51	0.0317
I-Pentane	0.6066	0.6000	0.2230	24.27	0.0151
N-Pentane	0.4630	0.4579	0.1680	18.56	0.0115
Hexane Plus	1.2477	1.2340	0.5590	65.77	0.0413
Total	100.0000	98.9053	19.5920	1309.02	0.7612

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0041	CYLINDER #:	9011
BTU/CU.FT IDEAL:	1312.1	CYLINDER PRESSURE:	40 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1317.5	ANALYSIS DATE:	01/12/2026
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1294.6	ANALYSIS TIME:	12:11:46 AM
DRY BTU @ 15.025:	1343.9	ANALYSIS RUN BY:	SARAH BALLARD
REAL SPECIFIC GRAVITY:	0.764		

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: 01/15/2026

GC Method: C6+ Gas



RIM OPERATING
WELL ANALYSIS COMPARISON

Lease:	SCHMITZ 2; CSG	CASING	01/15/2026
Stn. No.:	3003923041		69010-10145
Mtr. No.:			

Smpl Date:	01/06/2026	05/10/2022	07/30/2019
Test Date:	01/12/2026	05/13/2022	07/31/2019
Run No:	RO20260002	RO20220002	RO190007
Nitrogen:	0.5919	0.7099	0.6671
CO2:	0.5360	0.5758	0.7745
Methane:	77.5438	73.0439	76.6993
Ethane:	10.7994	13.7136	11.9489
Propane:	5.5832	6.9321	5.6537
I-Butane:	1.0495	0.8969	0.8218
N-Butane:	1.5789	1.9205	1.7801
I-Pentane:	0.6066	0.5532	0.5503
N-Pentane:	0.4630	0.4761	0.4590
Hexane+:	1.2477	1.1780	0.6453
BTU:	1317.5	1359.1	1295.6
GPM:	19.5920	20.0190	19.5180
SPG:	0.7640	0.7925	0.7545

Sante Fe Main Office
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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 543552

CONDITIONS

Operator: RIM OPERATING, INC. 5 Inverness Drive East Englewood, CO 80112	OGRID: 372497
	Action Number: 543552
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	Accepted for record	4/9/2026