



Well Name: STEWART LS 006; INT
 API #: 3004509207
 Source: INTERMEDIATE CASING
 Sample Type: GAS
 Analysis No: SB20240133
 Cust No: 69350-10795

Well/Lease Information

Customer Name:	SIMCOE SOUTH BHD	Source:	INTERMEDIATE CASING
Well Name:	STEWART LS 006; INT	Well Flowing:	Y
County/State:	SAN JUAN NM	Pressure:	440 PSIG
Location:		Flow Temp:	DEG. F
Lease/PA/CA:	NMNM03566	Ambient Temp:	61 DEG. F
Formation:		Flow Rate:	MCF/D
Cust. Stn. No.:	3004509207	Sample Method:	Purge & Fill
		Sample Date:	10/23/2024
		Sample Time:	11.15 AM
		Sampled By:	HEATHER
		Sampled by (CO):	ABC

Heat Trace: N

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.5064	0.5079	0.0560	0.00	0.0049
CO2	0.0016	0.0016	0.0000	0.00	0.0000
Methane	85.2176	85.4682	14.4870	860.70	0.4720
Ethane	8.1541	8.1781	2.1870	144.30	0.0847
Propane	4.0729	4.0849	1.1250	102.48	0.0620
Iso-Butane	0.5509	0.5525	0.1810	17.91	0.0111
N-Butane	0.9369	0.9397	0.2960	30.56	0.0188
I-Pentane	0.2135	0.2141	0.0780	8.54	0.0053
N-Pentane	0.1522	0.1526	0.0550	6.10	0.0038
Hexane Plus	0.1939	0.1945	0.0870	10.22	0.0064
Total	100.0000	100.2941	18.5520	1180.82	0.6690

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.003	CYLINDER #:	40
BTU/CU.FT IDEAL:	1183.6	CYLINDER PRESSURE:	436 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1187.1	ANALYSIS DATE:	11/01/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1166.4	ANALYSIS TIME:	01:45:31 PM
DRY BTU @ 15.025:	1210.9	ANALYSIS RUN BY:	ALEXIS MITCHELL
REAL SPECIFIC GRAVITY:	0.6707		

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: 11/06/2024

GC Method: C6+ Gas



SIMCOE SOUTH BHD
WELL ANALYSIS COMPARISON

Lease:	STEWART LS 006; INT	INTERMEDIATE CASING	11/06/2024
Stn. No.:	3004509207		69350-10795
Mtr. No.:			

Smpl Date:	10/23/2024	01/18/2024
Test Date:	11/01/2024	01/22/2024
Run No:	SB20240133	SB20240001
Nitrogen:	0.5064	0.4495
CO2:	0.0016	0.0023
Methane:	85.2176	87.7912
Ethane:	8.1541	6.7725
Propane:	4.0729	3.2886
I-Butane:	0.5509	0.3765
N-Butane:	0.9369	0.7612
I-Pentane:	0.2135	0.2092
N-Pentane:	0.1522	0.1523
Hexane+:	0.1939	0.1967
BTU:	1187.1	1157.1
GPM:	18.5520	18.2800
SPG:	0.6707	0.6509

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 400045

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 400045
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	directed to monitor pressure quarterly	11/27/2024
mkuehling	email directive 11/8/2024	11/27/2024