



Well Name: HUTTON GC 1; BHD
 API #: 3004513268
 Source: BRADENHEAD
 Sample Type: GAS
 Analysis No: SB2021081
 Cust No: 69350-10400

Well/Lease Information

Customer Name: SIMCOE SOUTH BHD
 Well Name: HUTTON GC 1; BHD
 County/State: SAN JUAN NM
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.: 3004513268

Source: BRADENHEAD
 Well Flowing: Y
 Pressure: 45 PSIG
 Flow Temp: DEG. F
 Ambient Temp: 73 DEG. F
 Flow Rate: MCF/D
 Sample Method: Purge & Fill
 Sample Date: 05/11/2021
 Sample Time: 3.49 PM
 Sampled By: CELIA L.
 Sampled by (CO): ABC

Heat Trace: N
 Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.2468	0.2363	0.0270	0.00	0.0024
CO2	0.0047	0.0045	0.0010	0.00	0.0001
Methane	86.8479	83.1509	14.7650	877.16	0.4811
Ethane	7.3764	7.0624	1.9780	130.54	0.0766
Propane	2.9881	2.8609	0.8260	75.18	0.0455
Iso-Butane	0.5198	0.4977	0.1710	16.90	0.0104
N-Butane	0.8038	0.7696	0.2540	26.22	0.0161
I-Pentane	0.2899	0.2776	0.1060	11.60	0.0072
N-Pentane	0.2196	0.2103	0.0800	8.80	0.0055
Hexane Plus	0.7030	0.6731	0.3140	37.06	0.0233
Total	100.0000	95.7433	18.5220	1183.47	0.6681

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0031
 BTU/CU.FT IDEAL: 1186.2
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1189.9
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1169.2
 DRY BTU @ 15.025: 1213.7
 REAL SPECIFIC GRAVITY: 0.6699

CYLINDER #: 027
 CYLINDER PRESSURE: 45 PSIG
 ANALYSIS DATE: 05/19/2021
 ANALYSIS TIME: 01:33:41 PM
 ANALYSIS RUN BY: RICHARD WILSON

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: 05/20/2021

GC Method: C6+ Gas



SIMCOE SOUTH BHD
WELL ANALYSIS COMPARISON

Lease: HUTTON GC 1; BHD
Stn. No.: 3004513268
Mtr. No.:

BRADENHEAD

05/20/2021
69350-10400

Smpl Date: 05/11/2021
Test Date: 05/19/2021
Run No: SB2021081

Nitrogen: 0.2468
CO2: 0.0047
Methane: 86.8479
Ethane: 7.3764
Propane: 2.9881
I-Butane: 0.5198
N-Butane: 0.8038
I-Pentane: 0.2899
N-Pentane: 0.2196
Hexane+: 0.7030

BTU: 1189.9
GPM: 18.5220
SPG: 0.6699



Well Name: HUTTON GC 1; CSG

API #: 3004513268

Source: CASING

Sample Type: GAS

Analysis No: SB2021082

Cust No: 69350-10405

Well/Lease Information

Customer Name: SIMCOE SOUTH BHD
 Well Name: HUTTON GC 1; CSG
 County/State: SAN JUAN NM
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.: 3004513268

Source: CASING
 Well Flowing: Y
 Pressure: 82 PSIG
 Flow Temp: DEG. F
 Ambient Temp: 73 DEG. F
 Flow Rate: MCF/D
 Sample Method: Purge & Fill
 Sample Date: 05/11/2021
 Sample Time: 3.47 PM
 Sampled By: CELIA L.
 Sampled by (CO): ABC

Heat Trace: N

Remarks:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.3929	0.3835	0.0430	0.00	0.0038
CO2	1.6708	1.6309	0.2860	0.00	0.0254
Methane	82.4914	80.5211	14.0290	833.16	0.4569
Ethane	8.8848	8.6726	2.3840	157.23	0.0922
Propane	3.5531	3.4682	0.9820	89.40	0.0541
Iso-Butane	0.5066	0.4945	0.1660	16.47	0.0102
N-Butane	0.9785	0.9551	0.3090	31.92	0.0196
I-Pentane	0.3151	0.3076	0.1160	12.61	0.0078
N-Pentane	0.2756	0.2690	0.1000	11.05	0.0069
Hexane Plus	0.9312	0.9090	0.4170	49.08	0.0308
Total	100.0000	97.6115	18.8320	1200.93	0.7078

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034
 BTU/CU.FT IDEAL: 1203.7
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1207.8
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1186.8
 DRY BTU @ 15.025: 1232.0
 REAL SPECIFIC GRAVITY: 0.7099

CYLINDER #: 2000
 CYLINDER PRESSURE: 79 PSIG
 ANALYSIS DATE: 05/19/2021
 ANALYSIS TIME: 01:50:31 PM
 ANALYSIS RUN BY: RICHARD WILSON

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: 05/20/2021

GC Method: C6+ Gas



SIMCOE SOUTH BHD
WELL ANALYSIS COMPARISON

Lease:	HUTTON GC 1; CSG	CASING	05/20/2021
Stn. No.:	3004513268		69350-10405
Mtr. No.:			

Smpl Date: 05/11/2021
Test Date: 05/19/2021
Run No: SB2021082

Nitrogen: 0.3929
CO2: 1.6708
Methane: 82.4914
Ethane: 8.8848
Propane: 3.5531
I-Butane: 0.5066
N-Butane: 0.9785
I-Pentane: 0.3151
N-Pentane: 0.2756
Hexane+: 0.9312

BTU: 1207.8
GPM: 18.8320
SPG: 0.7099



Well Name: HUTTON GC 1; TBG

API #: 3004513268

Source: TUBING

Sample Type: GAS

Analysis No: SB2021083

Cust No: 69350-10410

Well/Lease Information

Customer Name: SIMCOE SOUTH BHD
 Well Name: HUTTON GC 1; TBG
 County/State: SAN JUAN NM
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.: 3004513268

Source: TUBING
 Well Flowing: Y
 Pressure: 85 PSIG
 Flow Temp: DEG. F
 Ambient Temp: 73 DEG. F
 Flow Rate: MCF/D
 Sample Method: Purge & Fill
 Sample Date: 05/11/2021
 Sample Time: 3.45 PM
 Sampled By: CELIA L.
 Sampled by (CO): ABC

Heat Trace: N

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.3930	0.3841	0.0430	0.00	0.0038
CO2	1.6757	1.6376	0.2870	0.00	0.0255
Methane	82.3799	80.5074	14.0100	832.04	0.4563
Ethane	8.8636	8.6622	2.3780	156.86	0.0920
Propane	3.5921	3.5105	0.9930	90.38	0.0547
Iso-Butane	0.5114	0.4998	0.1680	16.63	0.0103
N-Butane	0.9823	0.9600	0.3110	32.05	0.0197
I-Pentane	0.3226	0.3153	0.1180	12.91	0.0080
N-Pentane	0.2833	0.2769	0.1030	11.36	0.0071
Hexane Plus	0.9961	0.9735	0.4460	52.51	0.0330
Total	100.0000	97.7273	18.8570	1204.72	0.7103

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034
 BTU/CU.FT IDEAL: 1207.5
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1211.6
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1190.5
 DRY BTU @ 15.025: 1235.9
 REAL SPECIFIC GRAVITY: 0.7125

CYLINDER #: 102
 CYLINDER PRESSURE: 79 PSIG
 ANALYSIS DATE: 05/19/2021
 ANALYSIS TIME: 02:06:09 PM
 ANALYSIS RUN BY: RICHARD WILSON

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: 05/20/2021

GC Method: C6+ Gas



SIMCOE SOUTH BHD
WELL ANALYSIS COMPARISON

Lease:	HUTTON GC 1; TBG	TUBING	05/20/2021
Stn. No.:	3004513268		69350-10410
Mtr. No.:			

Smpl Date: 05/11/2021
Test Date: 05/19/2021
Run No: SB2021083

Nitrogen: 0.3930
CO2: 1.6757
Methane: 82.3799
Ethane: 8.8636
Propane: 3.5921
I-Butane: 0.5114
N-Butane: 0.9823
I-Pentane: 0.3226
N-Pentane: 0.2833
Hexane+: 0.9961

BTU: 1211.6
GPM: 18.8570
SPG: 0.7125

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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 30409

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 30409
	Action Type: [UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	6/14/2021