



GAS QUALITY DAILY REPORT



REPORT: December 12, 2023

Start Date: 12/12/2023 00:00:15

PREVIOUS DAY STATION TOTALS

Finish Date: 12/13/2023 00:00:47

GAS QUANTITY																			
GROSS		NET	MASS	ENERGY		DENSITY		PRESSURE (M1)			PRESSURE (M2)			TEMPERATURE (M1)			TEMPERATURE (M2)		
m3	MMscf	Sm3	Ton	GJ	BTU (10 ⁶)	Kg/m3	Kg/Sm3	Min (KPA)	Max(kPA)	Average(kPA)	Min (KPA)	Max(kPA)	Average(kPA)	Min (DegC)	Max (DegC)	Average (DegC)	Min(DegC)	Max(DegC)	Average (DegC)
1681.000	5.733	162021.000	132.000	6849.000	6491.599	71.29	0.66	0.00	0.00	303.48	8179.43	8293.54	8239.98	0.00	0.00	0.63	24.90	31.90	28.75

GAS QUALITY											
C1	C2	C3	iC4	nC4	iC5	nC5	C6+	N2	CO2	CALORIFIC VALUE	
MOL %	MOL %	MOL %	MOL %	MOL %	MOL %	MOL %	MOL %	MOL %	MOL %	MJ/Sm3	BTU/scf
86.154	7.287	2.764	0.579	0.752	0.185	0.120	0.1036	0.331	1.726	42.28	1132.45

MONTHLY REPORT

CURRENT MONTH

STANDARD VOLUME	(Sm3)	ENERGY	(GJ)
1,842,667.00		77,854.00	

LAST MONTH

STANDARD VOLUME	(Sm3)	ENERGY	(GJ)
4,794,214.00		202,786.00	

GAS QUANTITY										
	GROSS		NET	MASS	ENERGY		DENSITY		PRESSURE	TEMPERATURE
	m3	MMscf	Sm3	Ton	GJ	BTU	Kg/m3	Kg/Sm3	KPA	DegC
FT-001A	0.00	0.00	0.00	0.00	0.00	0.00	74.48	0.82	7368.53	17.71
FT-001B	57.27	0.20	5544.27	4.53	234.02	221.81	74.48	0.82	8193.69	27.40
TOTAL	57.27	0.20	5544.27	4.53	234.02	221.81				

GAS QUALITY

	C1	C2	C3	iC4	nC4	iC5	nC5	C6+	N2	CO2	USED GC CALORIFIC VALUE		USED GC WOBBE INDEX
	MOL %	MOL %	MOL %	MOL %	MOL %	MOL %	MOL %	MOL %	MOL %	MOL %	MJ/Sm3	BTU/scf	
GC#1	88.459	6.854	2.410	0.567	0.702	0.205	0.167	0.1170	0.285	0.235	42.21	1130.66	51.68
GC#2	87.889	6.934	2.460	0.594	0.760	0.249	0.182	0.2219	0.176	0.535			

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	C1	C2	C3	iC4	nC4	iC5	nC5	C6+	N2	CO2	Density	Standard Density	Calorific Value		HC-A Dew Point	HC-B Dew Point	Moisture - A Dew Point	Moisture-B Dew Point	Wobbe Index
	(Mol %)	(Mol %)	(Mol %)	(Mol %)	(Mol %)	(Mol %)	(Mol %)	(Mol %)	(Mol %)	(Mol %)	(Kg/m3)	(Kg/Sm3)	(BTU/scf)	(MJ/Sm3)	(degC)	(degC)	(degC)	(degC)	(MJ/Sm3)
1	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	79.31	0.82	1140.21	42.57	-6.38	-8.27	-23.91	-26.00	51.68
2	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	79.43	0.82	1140.21	42.57	-5.55	-6.48	-23.80	-25.74	51.68
3	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	79.41	0.82	1140.21	42.57	-4.64	-5.94	-23.44	-25.25	51.68
4	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	79.79	0.82	1140.21	42.57	-4.65	-6.79	-23.08	-24.62	51.68
5	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	80.09	0.82	1140.21	42.57	-4.97	-6.85	-22.71	-23.99	51.68
6	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	80.28	0.82	1140.21	42.57	-4.83	-6.51	-22.01	-23.64	51.68
7	86.27	7.26	2.75	0.58	0.75	0.19	0.12	0.105	0.33	1.64	80.33	0.81	1141.72	42.62	-4.71	-6.46	-22.15	-23.54	51.98
8	87.54	7.02	2.56	0.58	0.73	0.20	0.16	0.120	0.30	0.78	77.87	0.80	1143.01	42.67	-4.54	-5.64	-22.38	-23.37	52.66
9	88.38	6.87	2.43	0.57	0.71	0.21	0.17	0.124	0.29	0.24	71.67	0.79	1142.22	42.64	-4.68	-5.37	-21.57	-23.15	53.07
10	88.42	6.86	2.42	0.57	0.71	0.21	0.17	0.120	0.29	0.23	75.69	0.79	1141.57	42.62	-5.08	-6.72	-21.08	-23.21	53.07
11	88.46	6.86	2.41	0.57	0.70	0.20	0.17	0.116	0.28	0.23	75.11	0.79	1140.92	42.59	-5.25	-7.44	-20.66	-23.57	53.06
12	85.85	7.34	2.81	0.58	0.76	0.18	0.11	0.101	0.34	1.93	78.07	0.82	1140.83	42.59	-5.47	-7.58	-20.93	-24.03	51.75
13	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	78.00	0.82	1140.83	42.59	-5.68	-7.13	-20.92	-24.47	51.68
14	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	77.88	0.82	1140.83	42.59	-5.96	-8.02	-20.92	-24.86	51.68
15	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	77.99	0.82	1140.83	42.59	-6.26	-8.63	-21.02	-25.20	51.68
16	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	78.09	0.82	1140.83	42.59	-6.66	-7.24	-21.27	-25.57	51.68
17	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	78.25	0.82	1140.83	42.59	-6.93	-9.22	-21.59	-25.96	51.68
18	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	78.45	0.82	1140.83	42.59	-7.40	-9.19	-22.15	-26.37	51.68
19	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	78.45	0.82	1140.83	42.59	-7.68	-9.17	-22.85	-26.70	51.68
20	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	78.44	0.82	1140.83	42.59	-8.05	-9.72	-23.32	-26.85	51.68
21	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	78.45	0.82	1140.83	42.59	-6.86	-8.25	-24.00	-27.16	51.68
22	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	78.59	0.82	1140.83	42.59	-6.60	-8.58	-23.97	-27.21	51.68
23	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	96.57	0.82	1140.83	42.59	-6.71	-8.31	-23.73	-26.91	51.68
24	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	78.94	0.82	1140.83	42.59	-6.55	-8.46	-23.71	-26.59	51.68
Daily Average	86.15	7.29	2.76	0.58	0.75	0.18	0.12	0.10	0.33	1.73	78.96	0.81	1140.90	42.59	-5.92	-7.58	-22.38	-25.17	51.91

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Start Date: 12/12/2023

00:00:15

Finish Date: 12/13/2023

00:00:47

Time	Pressure (M1) (kPA)	Pressure (M2) (kPA)	Temp (M1) (DegC)	Temp (M2) (DegC)	Gross (m3)	Net (MMscf)	(Sm3)	Mass (Ton)	Energy (GJ)	(MMBTU)
1	0.00	8183.73	0.00	26.87	66.000	0.225	6366.000	6.000	269.000	254.963
2	0.00	8199.00	0.00	26.96	63.000	0.218	6157.000	5.000	260.000	246.432
3	0.00	8217.93	0.00	27.42	65.000	0.221	6247.000	5.000	263.000	249.276
4	0.00	8232.38	0.00	27.01	64.000	0.223	6293.000	5.000	266.000	252.119
5	0.00	8242.98	0.00	26.68	64.000	0.223	6300.000	5.000	266.000	252.119
6	0.00	8251.67	0.00	26.50	60.000	0.208	5880.000	5.000	248.000	235.059
7	0.00	8253.84	0.00	25.16	43.000	0.149	4223.000	3.000	179.000	169.659
8	0.00	8255.26	0.00	26.87	75.000	0.259	7326.000	6.000	311.000	294.771
9	7283.44	8265.17	15.00	28.03	63.000	0.216	6096.000	5.000	260.000	246.432
10	0.00	8281.42	0.00	29.42	68.000	0.231	6533.000	5.000	278.000	263.493
11	0.00	8290.77	0.00	30.68	74.000	0.247	6987.000	6.000	298.000	282.450
12	0.00	8288.16	0.00	31.21	77.000	0.260	7355.000	6.000	310.000	293.823
13	0.00	8285.04	0.00	31.64	77.000	0.261	7383.000	6.000	312.000	295.719
14	0.00	8282.51	0.00	31.82	72.000	0.241	6825.000	5.000	288.000	272.971
15	0.00	8283.70	0.00	31.63	73.000	0.246	6966.000	6.000	294.000	278.658
16	0.00	8275.18	0.00	31.24	76.000	0.259	7308.000	6.000	308.000	291.928
17	0.00	8262.16	0.00	30.63	77.000	0.260	7344.000	6.000	310.000	293.823
18	0.00	8242.55	0.00	29.81	86.000	0.292	8258.000	7.000	349.000	330.788
19	0.00	8214.36	0.00	29.18	80.000	0.273	7709.000	6.000	325.000	308.041
20	0.00	8200.55	0.00	28.89	76.000	0.258	7304.000	6.000	308.000	291.928
21	0.00	8193.11	0.00	28.72	76.000	0.255	7217.000	6.000	305.000	289.084
22	0.00	8186.44	0.00	28.30	72.000	0.245	6923.000	5.000	292.000	276.763
23	0.00	8184.67	0.00	27.83	68.000	0.234	6627.000	6.000	280.000	265.389
24	0.00	8186.84	0.00	27.63	66.000	0.226	6394.000	5.000	270.000	255.911
Daily Average / 24h Acc Value	303.48	8239.98	0.63	28.75	1681.000	5.733	162021.000	132.000	6849.000	6491.599

H₂S and Heat Medium Oil Temperature Records

Date: 12 December 2023

						H.V. BTU/scf					TI-E4020	
Time	AE-C5000A	AE-C5000B	AE-C5000C	AE-C5000D	AE-C5000D1	GC-stream-2	outlet temp. @ DCS	outlet temp. (Field) @ TI H-1001 temp	Amine Reboiler Inlet temp	Gas Chiller Outlet Temp F	Gas Chiller Outlet Temp C	
1:00	2.45	1.64	2.47	2.05	1.92	1135	335	333	331	23.18	-4.90	
2:00	2.44	1.10	2.20	2.13	1.89	1132				19.45	-6.97	
3:00	1.69	1.01	1.56	2.00	1.56	1130	336	334	332	16.35	-8.69	
4:00	3.14	2.30	3.15	2.08	1.80	1130				22.08	-5.51	
5:00	2.44	1.40	2.44	2.55	2.08	1132	333	331	329	22.59	-5.23	
6:00	2.18	1.41	2.20	2.10	1.80	1132				22.59	-5.23	
7:00	1.81	1.21	2.11	1.77	1.53	1135	336	334	332	22.15	-5.47	
8:00	2.52	1.82	2.69	2.03	1.65	1133				22.67	-5.18	
9:00	2.51	1.72	2.57	2.12	1.99	1134	335	333	331	23.70	-4.61	
10:00	2.67	1.96	3.00	2.69	2.02	1134				25.18	-3.79	
11:00	1.88	1.39	1.99	1.98	1.77	1139	333	331	329	26.25	-3.19	
12:00	1.89	1.23	2.20	1.75	1.65	1139				25.25	-3.75	
13:00	2.85	1.88	2.93	2.21	2.11	1135	335	333	331	26.28	-3.18	
14:00	2.98	2.05	2.90	2.23	2.23	1136				26.28	-3.18	
15:00	2.74	1.91	2.84	2.10	2.10	1136	335	333	331	26.28	-3.18	
16:00	2.72	1.88	2.77	2.25	2.08	1135				24.73	-4.04	
17:00	2.77	1.86	2.74	2.18	2.20	1135	336	334	332	23.70	-4.61	
18:00	2.82	1.89	2.93	2.21	2.17	1133				23.18	-4.90	
19:00	2.70	1.70	2.81	2.20	2.17	1134	336	334	332	24.73	-4.04	
20:00	2.51	1.77	2.75	1.83	2.05	1135				24.73	-4.04	
21:00	2.57	1.69	2.75	2.20	2.08	1136	336	334	332	24.73	-4.04	
22:00	2.44	1.57	2.54	2.11	2.08	1136				23.70	-4.61	
23:00	2.38	1.63	2.54	2.03	1.95	1135	335	333	331	23.18	-4.90	
0:00	2.44	1.62	2.69	2.08	2.05	1134				23.18	-4.90	
Average	2.48	1.65	2.57	2.12	1.96	1134.38	335.08	333.08	331.08	23.59	-4.67	