



GAS QUALITY DAILY REPORT



REPORT: December 14, 2023

Start Date: 12/14/2023 00:00:15

PREVIOUS DAY STATION TOTALS

Finish Date: 12/15/2023 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)
1728.000	5.926	167475.000	136.000	7078.000	6708.650	71.29	0.66	7218.44	7813.46	7476.98	8217.59	8302.46	8260.21	13.80	28.58	20.17	25.64	30.95	28.17

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
86.172	7.273	2.755	0.579	0.751	0.186	0.123	0.1036	0.329	1.729	42.27	1132.29

MONTHLY REPORT

CURRENT MONTH

STANDARD VOLUME	(Sm3)	ENERGY	(GJ)
2,173,573.00		91,836.00	

LAST MONTH

STANDARD VOLUME	(Sm3)	ENERGY	(GJ)
4,795,559.00		202,894.00	

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	74.54	0.82	7357.57	17.33
FT-001B	59.33	0.21	5838.40	4.77	246.43	233.57	74.54	0.82	8232.22	25.80
TOTAL	59.33	0.21	5838.40	4.77	246.43	233.57				

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	87.889	6.934	2.460	0.594	0.760	0.249	0.182	0.2219	0.176	0.535	42.21	1130.66	51.68
GC#2	88.114	6.870	2.444	0.571	0.713	0.211	0.175	0.1222	0.287	0.493			

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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	74.48	0.82	1138.25	42.49	-6.90	-8.78	-23.73	-26.04	51.68
2	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.51	0.82	1138.25	42.49	-6.47	-8.60	-23.82	-26.04	51.68
3	87.99	6.87	2.45	0.58	0.72	0.21	0.17	0.116	0.28	0.60	74.56	0.79	1139.05	42.52	-5.63	-7.82	-23.88	-25.82	52.73
4	88.03	6.89	2.45	0.58	0.72	0.21	0.17	0.118	0.29	0.54	74.56	0.79	1139.68	42.55	-5.29	-7.35	-23.71	-25.43	52.82
5	88.09	6.87	2.44	0.57	0.71	0.21	0.17	0.118	0.29	0.52	71.95	0.79	1139.21	42.53	-5.36	-7.21	-23.52	-25.02	52.83
6	88.10	6.87	2.45	0.57	0.71	0.21	0.17	0.121	0.29	0.51	71.79	0.79	1139.58	42.54	-4.96	-5.93	-23.21	-24.59	52.85
7	87.15	7.07	2.60	0.57	0.73	0.20	0.15	0.114	0.31	1.10	71.82	0.80	1139.89	42.55	-4.73	-6.63	-22.93	-24.25	52.25
8	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	73.33	0.82	1139.81	42.55	-4.73	-6.89	-22.68	-23.93	51.68
9	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.75	0.82	1139.81	42.55	-4.83	-6.19	-22.09	-23.73	51.68
10	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.85	0.82	1139.81	42.55	-4.97	-6.99	-21.18	-23.74	51.68
11	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.83	0.82	1139.81	42.55	-5.29	-6.80	-21.09	-23.99	51.68
12	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.69	0.82	1139.81	42.55	-5.61	-8.11	-21.20	-24.30	51.68
13	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.59	0.82	1139.81	42.55	-5.66	-7.94	-21.30	-24.74	51.68
14	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.48	0.82	1139.81	42.55	-5.55	-7.68	-21.44	-25.14	51.68
15	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.34	0.82	1139.81	42.55	-5.77	-8.34	-21.42	-25.34	51.68
16	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.25	0.82	1139.81	42.55	-6.10	-7.60	-21.53	-25.50	51.68
17	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.25	0.82	1139.81	42.55	-6.40	-8.44	-21.91	-25.77	51.68
18	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.27	0.82	1139.81	42.55	-6.42	-8.38	-22.46	-26.08	51.68
19	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.27	0.82	1148.07	42.86	-6.49	-7.68	-22.75	-26.16	51.68
20	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.32	0.82	1148.07	42.86	-6.62	-8.58	-23.05	-26.33	51.68
21	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.35	0.82	1148.07	42.86	-6.87	-9.01	-23.23	-26.35	51.68
22	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.35	0.82	1148.07	42.86	-6.95	-8.52	-23.44	-26.28	51.68
23	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	91.28	0.82	1148.07	42.86	-7.09	-8.44	-23.66	-26.22	51.68
24	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.52	0.82	1148.07	42.86	-7.01	-7.69	-23.71	-26.10	51.68
Daily Average:	86.16	7.28	2.76	0.58	0.75	0.19	0.12	0.10	0.33	1.74	74.81	0.81	1141.68	42.62	-5.90	-7.73	-22.62	-25.29	51.89

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00:00:15

Finish Date: 12/15/2023

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Time	Pressure (M1) (kPA)	Pressure (M2) (kPA)	Temp (M1) (DegC)	Temp (M2) (DegC)	Gross (m3)	Net (MMscf)	(Sm3)	Mass (Ton)	Energy (GJ)	(MMBTU)
1	7333.65	8241.56	16.83	27.65	71.000	0.245	6938.000	6.000	293.000	277.710
2	7304.37	8248.38	16.06	27.15	66.000	0.227	6423.000	5.000	271.000	256.858
3	7289.89	8254.89	15.61	26.89	68.000	0.235	6653.000	6.000	283.000	268.232
4	7282.02	8260.92	15.35	27.13	67.000	0.230	6504.000	5.000	276.000	261.598
5	7250.03	8265.80	14.64	26.98	69.000	0.235	6652.000	5.000	283.000	268.232
6	7231.77	8266.70	14.18	26.82	71.000	0.245	6919.000	5.000	295.000	279.606
7	7226.60	8264.46	13.98	26.86	72.000	0.247	6972.000	6.000	295.000	279.606
8	7225.13	8264.05	13.86	26.91	66.000	0.229	6483.000	5.000	274.000	259.702
9	7286.19	8277.16	15.09	27.82	64.000	0.224	6317.000	6.000	266.000	252.119
10	7428.73	8291.24	18.44	29.26	68.000	0.231	6521.000	5.000	276.000	261.598
11	7560.64	8300.15	21.77	30.18	69.000	0.237	6693.000	6.000	282.000	267.284
12	7670.84	8298.86	24.55	30.76	92.000	0.312	8808.000	7.000	372.000	352.588
13	7735.35	8293.22	26.27	30.80	78.000	0.266	7530.000	5.000	318.000	301.406
14	7792.12	8285.75	27.91	30.83	78.000	0.262	7391.000	6.000	314.000	297.615
15	7809.08	8283.19	28.50	30.75	75.000	0.255	7199.000	7.000	302.000	286.241
16	7801.06	8276.83	28.31	30.30	73.000	0.250	7072.000	6.000	298.000	282.450
17	7752.60	8267.62	27.12	29.58	75.000	0.255	7207.000	5.000	304.000	288.136
18	7712.68	8254.06	26.18	28.74	81.000	0.276	7801.000	7.000	329.000	311.832
19	7581.04	8234.96	22.99	28.12	78.000	0.269	7602.000	6.000	322.000	305.197
20	7530.38	8224.77	21.74	27.61	74.000	0.253	7155.000	5.000	302.000	286.241
21	7451.74	8221.48	19.75	26.96	75.000	0.257	7277.000	7.000	307.000	290.980
22	7420.63	8220.13	18.90	26.29	67.000	0.232	6558.000	5.000	276.000	261.598
23	7403.59	8220.44	18.44	26.02	65.000	0.226	6393.000	6.000	270.000	255.911
24	7367.28	8228.38	17.56	25.75	63.000	0.219	6194.000	5.000	261.000	247.380
Daily Average / 24h Acc Value	7476.98	8260.21	20.17	28.17	1725.000	5.918	167262.000	137.000	7069.000	6700.119

H₂S and Heat Medium Oil Temperature Records

Date: 14 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	2.30	1.67	2.63	2.10	2.05	1133	335	333	331	22.33	-5.37	
2:00	2.39	1.71	2.63	2.02	1.93	1133				22.33	-5.37	
3:00	2.25	1.51	2.57	1.99	1.93	1133	334	332	330	21.82	-5.66	
4:00	2.11	1.37	2.41	2.04	1.80	1133				21.82	-5.66	
5:00	2.10	1.39	2.45	1.98	1.80	1133	335	333	331	21.82	-5.66	
6:00	1.96	1.39	2.45	1.97	1.80	1133				21.82	-5.66	
7:00	1.96	1.76	2.42	1.86	1.69	1133	334	332	330	21.82	-5.66	
8:00	2.03	1.45	2.63	2.16	1.69	1132				22.33	-5.37	
9:00	2.41	1.80	2.94	2.19	1.93	1133	336	334	332	23.88	-4.51	
10:00	2.36	2.02	3.03	2.39	2.17	1134				23.37	-4.79	
11:00	2.24	2.01	2.97	2.14	2.17	1135	336	334	332	24.40	-4.22	
12:00	2.33	2.02	2.96	2.79	2.44	1134				24.92	-3.93	
13:00	0.18	1.67	2.53	2.24	2.07	1137	335	333	331	25.44	-3.64	
14:00	3.39	0.95	1.80	1.52	1.61	1139				24.92	-3.93	
15:00	3.31	0.99	1.73	1.41	1.49	1139	335	333	331	24.92	-3.93	
16:00	2.94	1.62	2.53	1.61	1.89	1136				24.40	-4.22	
17:00	2.45	1.72	2.59	1.97	2.01	1135	335	333	331	24.40	-4.22	
18:00	1.61	0.83	1.83	1.29	1.65	1135				23.37	-4.79	
19:00	1.69	0.79	1.95	1.40	1.52	1138	335	333	331	22.85	-5.08	
20:00	1.75	1.46	1.86	1.44	1.52	1137				22.85	-5.08	
21:00	1.74	0.84	1.89	1.66	1.52	1137	335	333	331	22.85	-5.08	
22:00	1.76	1.27	1.74	1.78	1.40	1137				22.85	-5.08	
23:00	2.57	1.67	2.48	2.20	1.74	1135	335	333	331	22.33	-5.37	
0:00	2.43	1.47	2.29	2.23	1.74	1135				22.33	-5.37	
Average	2.18	1.47	2.39	1.93	1.82	1134.96	335.00	333.00	331.00	23.17	-4.90	