



GAS QUALITY DAILY REPORT



REPORT: December 13, 2023

Start Date: 12/13/2023 00:00:14

PREVIOUS DAY STATION TOTALS

Finish Date: 12/14/2023 00:00:46

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)
1690.000	5.784	163463.000	133.000	6901.000	6540.886	71.29	0.67	0.00	7809.29	7485.28	8194.29	8309.59	8258.60	0.00	28.16	20.43	26.54	31.36	28.60

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
85.763	7.360	2.822	0.580	0.759	0.181	0.111	0.1003	0.339	1.985	42.22	1130.88

MONTHLY REPORT

CURRENT MONTH

STANDARD VOLUME	(Sm3)	ENERGY	(GJ)
2,006,144.00		84,756.00	

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	74.49	0.82	7355.43	17.38
FT-001B	65.81	0.23	6391.89	5.22	269.79	255.72	74.49	0.82	8238.27	27.88
TOTAL	65.81	0.23	6391.89	5.22	269.79	255.72				

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	88.021	6.875	2.450	0.577	0.715	0.207	0.168	0.1074	0.286	0.593	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	74.51	0.82	1140.83	42.59	-6.23	-8.14	-23.73	-26.25	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	1140.83	42.59	-5.72	-7.53	-23.60	-26.01	51.68
3	85.91	7.33	2.80	0.58	0.76	0.18	0.12	0.101	0.34	1.88	74.54	0.82	1140.93	42.59	-5.47	-7.39	-23.75	-25.66	51.80
4	86.28	7.27	2.75	0.58	0.75	0.19	0.12	0.104	0.33	1.63	74.54	0.81	1142.64	42.66	-5.04	-6.66	-23.52	-25.22	52.28
5	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	73.26	0.82	1142.68	42.66	-5.05	-6.90	-23.27	-24.79	51.68
6	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.61	0.82	1142.68	42.66	-5.06	-7.22	-22.90	-24.30	51.68
7	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.64	0.82	1142.68	42.66	-5.20	-7.28	-22.78	-24.03	51.68
8	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.63	0.82	1142.68	42.66	-4.98	-6.94	-22.66	-23.88	51.68
9	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.63	0.82	1142.68	42.66	-5.37	-7.46	-22.37	-23.79	51.68
10	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.72	0.82	1142.68	42.66	-5.66	-8.11	-21.71	-23.82	51.68
11	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.66	0.82	1142.68	42.66	-5.89	-6.89	-21.52	-24.11	51.68
12	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.56	0.82	1142.68	42.66	-6.20	-7.44	-21.51	-24.54	51.68
13	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.55	0.82	1142.68	42.66	-5.81	-7.58	-21.61	-24.95	51.68
14	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.52	0.82	1142.68	42.66	-5.70	-7.88	-21.67	-25.28	51.68
15	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.43	0.82	1142.68	42.66	-5.73	-8.20	-21.70	-25.38	51.68
16	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.40	0.82	1142.68	42.66	-6.21	-7.87	-21.85	-25.52	51.68
17	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.33	0.82	1142.68	42.66	-6.50	-8.72	-22.00	-25.75	51.68
18	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.32	0.82	1142.68	42.66	-6.72	-9.05	-22.32	-26.03	51.68
19	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.29	0.82	1142.68	42.66	-6.57	-8.73	-22.95	-26.33	51.68
20	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.28	0.82	1142.68	42.66	-6.41	-8.91	-23.18	-26.48	51.68
21	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	74.29	0.82	1142.68	42.66	-6.54	-8.37	-23.28	-26.50	51.68
22	85.86	7.34	2.80	0.58	0.76	0.18	0.11	0.100	0.34	1.92	74.34	0.82	1142.38	42.65	-6.52	-7.84	-23.28	-26.37	51.76
23	86.06	7.30	2.77	0.58	0.75	0.18	0.12	0.101	0.33	1.81	91.10	0.81	1138.24	42.49	-6.87	-9.09	-23.42	-26.23	51.97
24	85.71	7.37	2.83	0.58	0.76	0.18	0.11	0.100	0.34	2.02	73.71	0.82	1138.25	42.49	-7.14	-8.37	-23.38	-26.13	51.68
Daily Average	85.76	7.36	2.82	0.58	0.76	0.18	0.11	0.10	0.34	1.99	75.10	0.82	1142.07	42.63	-5.94	-7.86	-22.67	-25.31	51.72

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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	7342.85	8203.18	17.05	27.41	64.000	0.215	6068.000	5.000	256.000	242.641
2	7323.73	8218.66	16.55	27.48	64.000	0.222	6272.000	5.000	265.000	251.172
3	7300.65	8230.31	16.00	27.16	64.000	0.221	6243.000	5.000	264.000	250.224
4	7275.65	8236.93	15.40	26.98	66.000	0.227	6414.000	5.000	271.000	256.858
5	7252.47	8241.99	14.76	26.74	66.000	0.227	6405.000	5.000	270.000	255.911
6	7236.24	8245.66	14.32	26.88	70.000	0.242	6832.000	6.000	288.000	272.971
7	7228.11	8241.28	14.15	26.95	77.000	0.268	7580.000	6.000	320.000	303.301
8	7232.00	8241.35	14.20	26.98	72.000	0.247	6973.000	5.000	295.000	279.606
9	7291.75	8251.49	15.47	27.38	67.000	0.232	6547.000	6.000	276.000	261.598
10	7412.15	8268.02	18.38	28.27	59.000	0.204	5771.000	5.000	243.000	230.320
11	7543.22	8282.29	21.63	29.94	68.000	0.231	6517.000	5.000	276.000	261.598
12	7651.02	8288.53	24.17	30.89	72.000	0.245	6911.000	6.000	292.000	276.763
13	7725.07	8296.55	25.96	31.19	71.000	0.241	6823.000	5.000	288.000	272.971
14	7789.10	8299.83	27.64	31.29	71.000	0.240	6770.000	6.000	285.000	270.128
15	7805.25	8305.21	28.09	31.08	64.000	0.219	6177.000	5.000	261.000	247.380
16	7787.93	8305.46	27.82	30.67	76.000	0.259	7316.000	6.000	309.000	292.875
17	7770.25	8299.27	27.42	30.33	74.000	0.250	7056.000	5.000	298.000	282.450
18	7707.65	8289.89	26.01	29.65	77.000	0.263	7447.000	6.000	314.000	297.615
19	7636.60	8263.74	24.38	29.23	78.000	0.267	7539.000	7.000	318.000	301.406
20	7574.61	8249.93	22.90	28.63	76.000	0.261	7389.000	6.000	312.000	295.719
21	7515.65	8244.13	21.41	27.72	71.000	0.243	6867.000	6.000	290.000	274.867
22	7454.27	8236.77	19.83	27.69	80.000	0.274	7738.000	6.000	327.000	309.936
23	7413.08	8232.67	18.79	27.85	73.000	0.249	7047.000	5.000	297.000	281.502
24	7377.45	8233.36	17.90	27.92	70.000	0.239	6761.000	6.000	286.000	271.076
Daily Average / 24h Acc Value	7485.28	8258.60	20.43	28.60	1690.000	5.784	163463.000	133.000	6901.000	6540.886

H₂S and Heat Medium Oil Temperature Records

Date: 13 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	2.60	1.81	2.81	2.11	2.05	1134	335	333	331	23.18	-4.90	
2:00	2.57	1.65	2.69	2.14	2.05	1134				22.67	-5.18	
3:00	2.29	1.59	2.63	2.17	2.05	1134	335	333	331	22.67	-5.18	
4:00	2.31	1.55	2.63	2.11	1.93	1134				22.15	-5.47	
5:00	2.21	1.47	2.54	2.01	1.93	1133	335	333	331	22.15	-5.47	
6:00	2.10	1.36	2.51	2.04	1.81	1133				22.15	-5.47	
7:00	2.48	1.82	2.85	2.27	1.93	1134	334	332	330	22.15	-5.47	
8:00	2.36	1.63	2.69	2.08	1.93	1134				22.67	-5.18	
9:00	2.56	1.69	2.84	2.18	1.93	1135	335	333	331	24.22	-4.32	
10:00	2.26	1.47	2.51	1.75	1.65	1136				25.29	-3.73	
11:00	2.38	1.65	2.75	1.74	1.49	1135	336	334	332	25.80	-3.44	
12:00	2.80	1.90	2.84	1.82	1.74	1136				26.84	-2.87	
13:00	2.85	1.86	2.84	1.83	1.74	1136	336	334	332	26.84	-2.87	
14:00	2.89	1.93	2.84	1.96	1.92	1136				26.32	-3.16	
15:00	3.00	2.02	2.90	2.21	2.07	1135	335	333	331	24.40	-4.22	
16:00	2.94	2.02	2.90	2.31	2.15	1134				23.88	-4.51	
17:00	2.81	1.78	2.75	2.20	2.15	1133	336	334	332	24.40	-4.22	
18:00	2.66	1.66	2.75	2.18	2.04	1134				23.88	-4.51	
19:00	2.58	1.69	2.75	2.10	2.04	1133	336	334	332	22.85	-5.08	
20:00	2.56	1.62	2.69	2.03	2.05	1133				23.88	-4.51	
21:00	2.56	1.69	2.72	2.18	2.05	1134	336	334	332	23.88	-4.51	
22:00	2.62	1.73	2.75	2.03	2.05	1133				22.85	-5.08	
23:00	2.66	2.56	2.66	2.28	2.05	1134	335	333	331	22.85	-5.08	
0:00	2.59	1.70	2.75	2.18	2.05	1134				22.85	-5.08	
Average	2.57	1.74	2.73	2.08	1.95	1134.21	335.33	333.33	331.33	23.78	-4.56	