

## Daily Quantity Report

Customer Name:	Abu Tubul	Report Date:	02/12/2023
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Stream 1:													
Contract Time	Hourly gas totals							Non-resetable Totals at End of hour_gas					
	Gross Volume m3	Standard Volume Sm3	Mass t	Energy GJ	Energy MMBTU	Pressure Bar (g)	Temp °C	Gross Volume m3	Standard Volume Sm3	Mass t	Energy GJ	Energy MMBTU	Alarm
00:00								42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
01:00	0.00	0.00	0.00	0.00	0.000	87.71	22.02	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
02:00	0.00	0.00	0.00	0.00	0.000	87.55	21.44	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
03:00	0.00	0.00	0.00	0.00	0.000	87.44	20.98	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
04:00	0.00	0.00	0.00	0.00	0.000	87.42	20.50	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
05:00	0.00	0.00	0.00	0.00	0.000	87.45	19.97	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
06:00	0.00	0.00	0.00	0.00	0.000	87.52	19.46	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
07:00	0.00	0.00	0.00	0.00	0.000	87.65	19.01	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
08:00	0.00	0.00	0.00	0.00	0.000	87.76	19.45	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
09:00	0.00	0.00	0.00	0.00	0.000	87.92	22.41	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
10:00	0.00	0.00	0.00	0.00	0.000	88.02	26.04	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
11:00	0.00	0.00	0.00	0.00	0.000	88.05	30.18	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
12:00	0.00	0.00	0.00	0.00	0.000	88.07	34.14	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
13:00	0.00	0.00	0.00	0.00	0.000	88.13	37.58	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
14:00	0.00	0.00	0.00	0.00	0.000	88.18	40.35	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
15:00	0.00	0.00	0.00	0.00	0.000	88.27	39.93	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
16:00	0.00	0.00	0.00	0.00	0.000	88.21	40.24	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
17:00	0.00	0.00	0.00	0.00	0.000	88.12	36.86	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
18:00	0.00	0.00	0.00	0.00	0.000	87.96	34.12	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
19:00	0.00	0.00	0.00	0.00	0.000	87.65	31.85	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
20:00	0.00	0.00	0.00	0.00	0.000	87.45	30.04	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
21:00	0.00	0.00	0.00	0.00	0.000	87.28	28.42	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
22:00	0.00	0.00	0.00	0.00	0.000	87.13	27.20	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
23:00	0.00	0.00	0.00	0.00	0.000	86.99	25.95	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
24:00	0.00	0.00	0.00	0.00	0.000	86.83	24.78	42250327.09	3365362193.32	2724954.46	138209649.90	130997455.739	
Total	0.00	0.00	0.00	0.00	0.000			0.0	0.0	0.0	0.0	0.0	
Average	0.00	0.00	0.00	0.00	0.000	87.70	28.04						
Peak @	-												

## Daily Quantity Report

Customer Name:	Abu Tubul	Report Date:	02/12/2023
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Stream 2:													
Contract Time	Hourly gas totals							Non-resetable Totals at End of hour_gas					
	Gross Volume m3	Standard Volume Sm3	Mass t	Energy GJ	Energy MMBTU	Pressure Bar (g)	Temp °C	Gross Volume m3	Standard Volume Sm3	Mass t	Energy GJ	Energy MMBTU	Alarm
00:00								2182029.16	194702230.86	158236.03	8023937.21	7605224.095	
01:00	176.13	17816.84	14.51	736.11	697.698	87.74	31.10	2182205.79	194720096.76	158250.58	8024675.37	7605923.735	
02:00	195.00	19662.48	16.03	813.45	771.002	87.57	31.46	2182400.67	194739744.42	158266.59	8025488.20	7606694.149	
03:00	179.61	18031.75	14.69	745.24	706.351	87.45	31.53	2182579.86	194757733.36	158281.25	8026231.66	7607398.813	
04:00	168.26	16882.55	13.75	697.96	661.538	87.45	31.34	2182747.78	194774582.78	158294.98	8026928.28	7608059.082	
05:00	155.70	15679.58	12.79	649.05	615.181	87.48	30.73	2182903.42	194790257.38	158307.76	8027577.13	7608674.073	
06:00	158.70	16028.58	13.07	663.29	628.678	87.55	30.76	2183062.45	194806319.87	158320.86	8028241.78	7609304.039	
07:00	157.56	15930.60	12.99	658.70	624.327	87.68	30.72	2183219.72	194822220.96	158333.82	8028899.28	7609927.229	
08:00	173.79	17499.15	14.24	722.75	685.035	87.80	32.26	2183394.10	194839775.63	158348.11	8029624.26	7610614.377	
09:00	182.72	18243.98	14.83	752.25	712.995	87.95	33.42	2183576.88	194858023.56	158362.94	8030376.66	7611327.515	
10:00	187.47	18625.76	15.14	768.33	728.236	88.06	34.70	2183764.63	194876673.81	158378.10	8031146.00	7612056.708	
11:00	182.74	18022.28	14.64	742.78	704.020	88.08	35.89	2183947.48	194894702.53	158392.75	8031889.02	7612760.955	
12:00	189.19	18537.62	15.03	762.70	722.900	88.08	36.40	2184136.50	194913223.48	158407.76	8032651.04	7613483.211	
13:00	193.31	18931.09	15.37	780.09	739.383	88.16	36.60	2184329.77	194932150.21	158423.13	8033430.96	7614222.432	
14:00	191.45	18754.32	15.22	772.67	732.350	88.24	36.44	2184521.63	194950946.26	158438.38	8034205.36	7614956.422	
15:00	210.01	20653.93	16.74	849.54	805.208	88.26	35.33	2184731.88	194971626.44	158455.15	8035055.95	7615762.625	
16:00	209.14	20655.45	16.76	850.38	806.005	88.22	35.09	2184940.52	194992233.57	158471.87	8035904.39	7616566.791	
17:00	190.76	18934.63	15.37	779.92	739.221	88.18	33.85	2185130.99	195011143.09	158487.22	8036683.23	7617304.989	
18:00	200.65	19988.96	16.21	822.18	779.276	88.00	33.21	2185332.27	195031194.13	158503.47	8037507.96	7618086.682	
19:00	218.70	21787.56	17.68	896.97	850.163	87.69	32.91	2185550.90	195052975.80	158521.15	8038404.79	7618936.713	
20:00	197.22	19643.75	15.97	810.63	768.329	87.50	32.67	2185747.79	195072585.37	158537.09	8039213.93	7619703.629	
21:00	181.05	18019.87	14.66	743.35	704.560	87.33	32.20	2185928.19	195090540.87	158551.70	8039954.69	7620405.734	
22:00	166.78	16623.71	13.52	685.90	650.108	87.18	31.67	2186094.85	195107153.21	158565.21	8040640.07	7621055.349	
23:00	166.43	16583.73	13.49	683.98	648.288	87.02	31.56	2186261.30	195123739.28	158578.70	8041324.24	7621703.817	
24:00	157.49	15698.90	12.80	649.15	615.275	86.86	31.41	2186418.55	195139413.55	158591.48	8041972.33	7622318.088	
Total	4389.86	437237.07	355.50	18037.37	17,096.126			4389.4	437182.7	355.5	18035.1	17094.0	
Average	182.91	18218.21	14.81	751.56	712.339	87.73	33.05						
Peak @	18:17:40												

Printed on:	03/12/2023
Time:	00:00:30





شركة النفط العمانية س.م.ع.  
Oman Oil Company S.A.O.C

## Daily Quality Report

Customer Name:	Abu Tubul	Report Date:	02/12/2023	Printed on	03/12/2023 00:00
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	Stream 1 Gas Composition																			
Contract Time	Hourly gas quality																			
	Methane	Ethane	Propane	i-Butane	n-Butane	i-Pentane	n-Pentane	Hexane +	Nitrogen	Carbon Dioxide	Oxygen	Water	Molec. Weight	Relative Density	Standard Density	Line Density	GHV	Wobbe Index	Base Compr.	Line Compr.
00:00																				
01:00	84.8569	6.4926	2.8267	0.6151	0.7656	0.1733	0.1628	0.0838	2.9515	1.0664	0.0000	0.0000	19.2296	0.6655	0.8152	0.8133	41.3848	50.7307	0.9973	0.7942
02:00	84.9085	6.4714	2.7578	0.6109	0.7812	0.1756	0.1625	0.0862	2.9735	1.0669	0.0000	0.0000	19.2178	0.6651	0.8147	0.8128	41.3465	50.6996	0.9973	0.7933
03:00	84.8889	6.5262	2.7687	0.6054	0.7538	0.1794	0.1633	0.0884	2.9412	1.0793	0.0000	0.0000	19.2184	0.6651	0.8147	0.8128	41.3563	50.7107	0.9973	0.7920
04:00	84.7226	6.5440	2.8672	0.6253	0.7822	0.1742	0.1627	0.0834	2.9584	1.0745	0.0000	0.0000	19.2628	0.6666	0.8166	0.8147	41.4402	50.7545	0.9973	0.7893
05:00	84.8062	6.5234	2.8177	0.6283	0.7956	0.1747	0.1593	0.0836	2.9302	1.0753	0.0000	0.0000	19.2484	0.6661	0.8160	0.8141	41.4275	50.7581	0.9973	0.7879
06:00	84.9402	6.4649	2.7493	0.6111	0.7697	0.1789	0.1639	0.0830	2.9576	1.0760	0.0000	0.0000	19.2108	0.6648	0.8144	0.8125	41.3337	50.6931	0.9973	0.7876
07:00	84.8945	6.4608	2.7803	0.6132	0.7773	0.1777	0.1644	0.0846	2.9750	1.0666	0.0000	0.0000	19.2232	0.6653	0.8149	0.8130	41.3569	50.7051	0.9973	0.7856
08:00	85.1631	6.3454	2.6746	0.5944	0.7464	0.1755	0.1644	0.0852	2.9933	1.0520	0.0000	0.0000	19.1538	0.6628	0.8120	0.8101	41.2186	50.6277	0.9973	0.7889
09:00	85.1515	6.3204	2.6871	0.6046	0.7568	0.1716	0.1551	0.0850	3.0215	1.0407	0.0000	0.0000	19.1551	0.6629	0.8120	0.8101	41.2144	50.6207	0.9973	0.7975
10:00	85.1248	6.3650	2.6774	0.5884	0.7345	0.1776	0.1630	0.0826	3.0341	1.0472	0.0000	0.0000	19.1518	0.6628	0.8119	0.8100	41.1938	50.5999	0.9973	0.8077
11:00	85.2348	6.2821	2.6693	0.5781	0.7286	0.1711	0.1557	0.0830	3.0613	1.0306	0.0000	0.0000	19.1222	0.6617	0.8106	0.8087	41.1326	50.5641	0.9973	0.8194
12:00	85.3125	6.3231	2.6422	0.5675	0.7186	0.1738	0.1603	0.0840	2.9633	1.0493	0.0000	0.0000	19.1099	0.6613	0.8101	0.8082	41.1511	50.6031	0.9973	0.8289
13:00	85.2361	6.3712	2.6579	0.5661	0.7287	0.1727	0.1603	0.0828	2.9502	1.0685	0.0000	0.0000	19.1272	0.6619	0.8108	0.8089	41.1762	50.6110	0.9973	0.8363
14:00	85.1861	6.3570	2.6879	0.5752	0.7323	0.1773	0.1623	0.0826	2.9744	1.0592	0.0000	0.0000	19.1429	0.6625	0.8115	0.8096	41.2017	50.6214	0.9973	0.8420
15:00	85.1829	6.4208	2.6428	0.5637	0.7105	0.1718	0.1632	0.0848	2.9837	1.0704	0.0000	0.0000	19.1282	0.6620	0.8109	0.8090	41.1558	50.5846	0.9973	0.8414
16:00	85.0630	6.4381	2.7426	0.5842	0.7162	0.1724	0.1622	0.0854	2.9652	1.0653	0.0000	0.0000	19.1663	0.6633	0.8125	0.8106	41.2492	50.6486	0.9973	0.8412
17:00	85.1968	6.3993	2.6523	0.5691	0.7103	0.1681	0.1568	0.0857	2.9841	1.0723	0.0000	0.0000	19.1255	0.6619	0.8108	0.8089	41.1483	50.5790	0.9973	0.8349
18:00	85.2372	6.3575	2.6387	0.5706	0.7202	0.1717	0.1585	0.0858	2.9906	1.0637	0.0000	0.0000	19.1222	0.6617	0.8106	0.8087	41.1456	50.5800	0.9973	0.8289
19:00	84.8845	6.5072	2.7997	0.6005	0.7519	0.1744	0.1602	0.0831	2.9575	1.0755	0.0000	0.0000	19.2142	0.6649	0.8146	0.8126	41.3413	50.6979	0.9973	0.8214
20:00	85.1574	6.3071	2.6898	0.5829	0.7355	0.1775	0.1641	0.0844	3.0344	1.0614	0.0000	0.0000	19.1511	0.6627	0.8119	0.8100	41.1787	50.5823	0.9973	0.8192
21:00	85.0269	6.4140	2.7117	0.5994	0.7539	0.1760	0.1647	0.0853	2.9857	1.0767	0.0000	0.0000	19.1856	0.6639	0.8133	0.8114	41.2644	50.6417	0.9973	0.8142
22:00	85.1350	6.3041	2.6716	0.5952	0.7641	0.1783	0.1652	0.0865	3.0238	1.0707	0.0000	0.0000	19.1667	0.6633	0.8125	0.8106	41.2079	50.5975	0.9973	0.8120
23:00	84.8094	6.4661	2.8472	0.6271	0.7859	0.1797	0.1655	0.0865	2.9404	1.0864	0.0000	0.0000	19.2567	0.6664	0.8164	0.8144	41.4275	50.7471	0.9973	0.8060
24:00	84.9666	6.4416	2.7298	0.6076	0.7788	0.1790	0.1656	0.0845	2.9482	1.0926	0.0000	0.0000	19.2100	0.6648	0.8144	0.8124	41.3223	50.6802	0.9973	0.8044
Average	85.0453	6.4126	2.7246	0.5952	0.7499	0.1751	0.1619	0.0846	2.9791	1.0662	0.0000	0.0000	19.1792	0.6637	0.8131	0.8111	41.2656	50.6516	0.9973	0.8114

## Daily Quality Report

Customer Name:		Abu Tubul								Report Date:		02/12/2023			Printed on		03/12/2023 00:00			
		Stream 2 Gas Composition																		
Contract Time	Hourly gas quality																			
	Methane	Ethane	Propane	i-Butane	n-Butane	i-Pentane	n-Pentane	Hexane +	Nitrogen	Carbon Dioxide	Oxygen	Water	Molec. Weight	Relative Density	Standard Density	Line Density	GHV	Wobbe Index	Base Compr.	Line Compr.
00:00																				
01:00	84.8569	6.4926	2.8267	0.6151	0.7656	0.1733	0.1628	0.0808	2.9515	1.0664	0.0000	0.0000	19.2296	0.6655	0.8152	0.8133	41.3848	50.7307	0.9973	0.8189
02:00	84.9085	6.4714	2.7578	0.6109	0.7812	0.1756	0.1625	0.0823	2.9735	1.0669	0.0000	0.0000	19.2178	0.6651	0.8147	0.8128	41.3465	50.6996	0.9973	0.8205
03:00	84.8889	6.5262	2.7687	0.6054	0.7538	0.1794	0.1633	0.0852	2.9412	1.0793	0.0000	0.0000	19.2184	0.6651	0.8147	0.8128	41.3563	50.7107	0.9973	0.8207
04:00	84.7226	6.5440	2.8672	0.6253	0.7822	0.1742	0.1627	0.0832	2.9584	1.0745	0.0000	0.0000	19.2628	0.6666	0.8166	0.8147	41.4402	50.7545	0.9973	0.8191
05:00	84.8062	6.5234	2.8177	0.6283	0.7956	0.1747	0.1593	0.0822	2.9302	1.0753	0.0000	0.0000	19.2484	0.6661	0.8160	0.8141	41.4275	50.7581	0.9973	0.8178
06:00	84.9402	6.4649	2.7493	0.6111	0.7697	0.1789	0.1639	0.0805	2.9576	1.0760	0.0000	0.0000	19.2108	0.6648	0.8144	0.8125	41.3337	50.6931	0.9973	0.8189
07:00	84.8945	6.4608	2.7803	0.6132	0.7773	0.1777	0.1644	0.0813	2.9750	1.0666	0.0000	0.0000	19.2232	0.6653	0.8149	0.8130	41.3569	50.7051	0.9973	0.8184
08:00	85.1631	6.3454	2.6746	0.5944	0.7464	0.1755	0.1644	0.0820	2.9933	1.0520	0.0000	0.0000	19.1538	0.6628	0.8120	0.8101	41.2186	50.6277	0.9973	0.8238
09:00	85.1515	6.3204	2.6871	0.6046	0.7568	0.1716	0.1551	0.0836	3.0215	1.0407	0.0000	0.0000	19.1551	0.6629	0.8120	0.8101	41.2144	50.6207	0.9973	0.8265
10:00	85.1248	6.3650	2.6774	0.5884	0.7345	0.1776	0.1630	0.0808	3.0341	1.0472	0.0000	0.0000	19.1518	0.6628	0.8119	0.8100	41.1938	50.5999	0.9973	0.8295
11:00	85.2348	6.2821	2.6693	0.5781	0.7286	0.1711	0.1557	0.0816	3.0613	1.0306	0.0000	0.0000	19.1222	0.6617	0.8106	0.8087	41.1326	50.5641	0.9973	0.8331
12:00	85.3125	6.3231	2.6422	0.5675	0.7186	0.1738	0.1603	0.0827	2.9633	1.0493	0.0000	0.0000	19.1099	0.6613	0.8101	0.8082	41.1511	50.6031	0.9973	0.8341
13:00	85.2361	6.3712	2.6579	0.5661	0.7287	0.1727	0.1603	0.0814	2.9502	1.0685	0.0000	0.0000	19.1272	0.6619	0.8108	0.8089	41.1762	50.6110	0.9973	0.8340
14:00	85.1861	6.3570	2.6879	0.5752	0.7323	0.1773	0.1623	0.0816	2.9744	1.0592	0.0000	0.0000	19.1429	0.6625	0.8115	0.8096	41.2017	50.6214	0.9973	0.8333
15:00	85.1829	6.4208	2.6428	0.5637	0.7105	0.1718	0.1632	0.0824	2.9837	1.0704	0.0000	0.0000	19.1282	0.6620	0.8109	0.8090	41.1558	50.5846	0.9973	0.8311
16:00	85.0630	6.4381	2.7426	0.5842	0.7162	0.1724	0.1622	0.0829	2.9652	1.0653	0.0000	0.0000	19.1663	0.6633	0.8125	0.8106	41.2492	50.6486	0.9973	0.8295
17:00	85.1968	6.3993	2.6523	0.5691	0.7103	0.1681	0.1568	0.0830	2.9841	1.0723	0.0000	0.0000	19.1255	0.6619	0.8108	0.8089	41.1483	50.5790	0.9973	0.8278
18:00	85.2372	6.3575	2.6387	0.5706	0.7202	0.1717	0.1585	0.0836	2.9906	1.0637	0.0000	0.0000	19.1222	0.6617	0.8106	0.8087	41.1456	50.5800	0.9973	0.8266
19:00	84.8845	6.5072	2.7997	0.6005	0.7519	0.1744	0.1602	0.0819	2.9575	1.0755	0.0000	0.0000	19.2142	0.6649	0.8146	0.8126	41.3413	50.6979	0.9973	0.8239
20:00	85.1574	6.3071	2.6898	0.5829	0.7355	0.1775	0.1641	0.0822	3.0344	1.0614	0.0000	0.0000	19.1511	0.6627	0.8119	0.8100	41.1787	50.5823	0.9973	0.8256
21:00	85.0269	6.4140	2.7117	0.5994	0.7539	0.1760	0.1647	0.0826	2.9857	1.0767	0.0000	0.0000	19.1856	0.6639	0.8133	0.8114	41.2644	50.6417	0.9973	0.8237
22:00	85.1350	6.3041	2.6716	0.5952	0.7641	0.1783	0.1652	0.0836	3.0238	1.0707	0.0000	0.0000	19.1667	0.6633	0.8125	0.8106	41.2079	50.5975	0.9973	0.8233
23:00	84.8094	6.4661	2.8472	0.6271	0.7859	0.1797	0.1655	0.0831	2.9404	1.0864	0.0000	0.0000	19.2567	0.6664	0.8164	0.8144	41.4275	50.7471	0.9973	0.8206
24:00	84.9666	6.4416	2.7298	0.6076	0.7788	0.1790	0.1656	0.0807	2.9482	1.0926	0.0000	0.0000	19.2100	0.6648	0.8144	0.8124	41.3223	50.6802	0.9973	0.8217
Average	85.0453	6.4126	2.7246	0.5952	0.7499	0.1751	0.1619	0.0823	2.9791	1.0662	0.0000	0.0000	19.1792	0.6637	0.8131	0.8111	41.2656	50.6516	0.9973	0.8251