

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Valores promedio diarios)



<b>PERMISIONARIO:</b>	<b>TERMINAL KMS DE GNL S. DE R.L DE C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>ESTACION DE MEDICION MANZANILLO</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
01/01/2016	89.8203	0.0000	0.4407	0.4407	9.6469	222.8085	2.9012	40.4485	52.0057	0.0000	0.0000	0.0000
02/01/2016	89.8315	0.0000	0.5414	0.5414	9.5366	216.8845	3.0103	40.3764	51.9188	0.0000		
03/01/2016	89.8244	0.0000	0.5401	0.5401	9.5460	217.2734	2.7684	40.3783	51.9210	0.0000		
04/01/2016	89.8305	0.0000	0.5125	0.5125	9.5671	217.1764	2.8622	40.3954	51.9443	0.0000		
05/01/2016	89.8061	0.0000	0.4491	0.4491	9.6541	219.1061	2.6800	40.4452	52.0021	0.0000		
06/01/2016	89.7995	0.0000	0.4297	0.4297	9.6800	216.3359	2.8803	40.4598	52.0169	0.0000		
07/01/2016	89.7926	0.0000	0.4197	0.4197	9.6967	216.5874	2.7988	40.4679	52.0256	0.0000		
08/01/2016	89.8000	0.0000	0.4127	0.4127	9.6961	216.6013	2.7728	40.4703	52.0299	0.0000		
09/01/2016	89.7831	0.0000	0.4255	0.4255	9.6931	214.3980	2.6307	40.4749	52.0261	0.0000		
10/01/2016	89.7016	0.0000	0.4735	0.4735	9.7074	214.7124	2.5290	40.4658	52.0020	0.0000		
11/01/2016	89.7235	0.0000	0.4518	0.4518	9.7049	214.8395	2.1267	40.4782	52.0166	0.0000		
12/01/2016	89.7038	0.0000	0.4380	0.4380	9.7400	214.1027	1.9236	40.4900	52.0291	0.0000		
13/01/2016	89.6997	0.0000	0.4271	0.4271	9.7547	215.8568	1.8791	40.4994	52.0389	0.0000		
14/01/2016	89.6881	0.0000	0.4744	0.4744	9.7257	214.3968	1.6481	40.4672	51.9990	0.0000		
15/01/2016	89.6955	0.0000	0.4930	0.4930	9.7056	215.0044	1.7136	40.4481	51.9783	0.0000		
16/01/2016	89.6836	0.0000	0.4861	0.4861	9.7242	216.7222	1.4380	40.4595	51.9907	0.0000		
17/01/2016	89.6889	0.0000	0.4739	0.4739	9.7309	214.8112	1.2538	40.4661	51.9215	0.0000		
18/01/2016	89.7129	0.0000	0.5131	0.5131	9.6683	215.9975	1.4419	40.4330	51.9637	0.0000		
19/01/2016	89.6974	0.0000	0.4911	0.4911	9.7055	215.1181	1.3955	40.4523	51.9861	0.0000		
20/01/2016	89.6539	0.0000	0.5018	0.5018	9.7246	216.0742	1.3550	40.4629	51.9814	0.0000		
21/01/2016	89.6558	0.0000	0.5565	0.5565	9.6556	215.6047	1.5067	40.4299	51.9426	0.0000		
22/01/2016	89.6489	0.0000	0.5023	0.5023	9.7157	214.2033	2.3835	40.4680	51.9911	0.0000		
23/01/2016	89.6421	0.0000	0.4663	0.4663	9.7578	216.7807	1.3375	40.4942	52.0202	0.0000		
24/01/2016	89.7172	0.0000	0.5670	0.5670	9.5847	213.9446	1.4616	40.4048	51.9219	0.0000		
25/01/2016	90.7216	0.0000	0.5012	0.5012	8.6168	212.5581	1.9833	40.1701	51.8217	0.0000		
26/01/2016	92.0586	0.0000	0.3618	0.3618	7.3705	209.9957	2.9536	39.8950	51.7362	0.0000		
27/01/2016	92.1951	0.0000	0.3445	0.3445	7.2427	209.6785	3.1851	39.8487	51.7162	0.0000		
28/01/2016	92.4438	0.0000	0.3386	0.3386	6.9946	209.3054	3.4593	39.8050	51.6930	0.0000		
29/01/2016	92.5668	0.0000	0.3041	0.3041	6.9004	210.2989	3.9503	39.7946	51.7051	0.0000		
30/01/2016	92.6208	0.0000	0.2938	0.2938	6.8565	209.1428	3.4435	39.7884	51.7064	0.0000		
31/01/2016	92.7738	0.0000	0.3573	0.3573	6.6359	208.5921	3.4238	39.7012	51.6273	0.0000		

\* / Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

<b>Mínimo</b>	89.6421	0.0000	0.2938	0.2938	6.6359	208.5921	1.2538	39.7012	51.6273	0.0000		
<b>Promedio</b>	90.2897	0.0000	0.4512	0.4512	9.1271	214.6746	2.3580	40.3174	51.9251	0.0000		
<b>Máximo</b>	92.7738	0.0000	0.5670	0.5670	9.7578	222.8085	3.9503	40.4994	52.0389	0.0000		
<b>Dev. Est.</b>	1.09392395	0	0.07162382	0.07162382	1.08312781	3.14599904	0.77524049	0.26284876	0.12302846	0		

Observaciones: No se detectaron desviaciones en la calidad química, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Registros máximos diarios)**



<b>PERMISIONARIO:</b>	<b>TERMINAL KMS DE GNL S. DE R.L DE C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>ESTACION DE MEDICION MANZANILLO</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )
01/01/2016	89.7742	0.0000	0.4846	0.4846	9.6488	247.4234	3.8836	40.4582	52.0182	0.0000
02/01/2016	89.7521	0.0000	0.5969	0.5969	9.5592	246.5929	3.8648	40.4262	51.9772	0.0000
03/01/2016	89.7991	0.0000	0.5572	0.5572	9.5539	243.0150	3.8081	40.3898	51.9428	0.0000
04/01/2016	89.7504	0.0000	0.5230	0.5230	9.6342	243.5920	4.0093	40.4393	51.9997	0.0000
05/01/2016	89.7539	0.0000	0.4934	0.4934	9.6615	233.8969	3.6630	40.4559	52.0169	0.0000
06/01/2016	89.7874	0.0000	0.4369	0.4369	9.6842	242.2278	3.8752	40.4642	52.0269	0.0000
07/01/2016	89.7787	0.0000	0.4269	0.4269	9.7031	229.8062	3.6184	40.4729	52.0360	0.0000
08/01/2016	89.7555	0.0000	0.4510	0.4510	9.7014	233.6310	3.8008	40.4783	52.0387	0.0000
09/01/2016	89.6637	0.0000	0.5040	0.5040	9.7159	225.0931	3.8163	40.5016	52.0618	0.0000
10/01/2016	89.6682	0.0000	0.5048	0.5048	9.7093	230.8249	3.3362	40.4750	52.0142	0.0000
11/01/2016	89.6494	0.0000	0.4598	0.4598	9.7265	228.1227	3.2639	40.4866	52.0249	0.0000
12/01/2016	89.6885	0.0000	0.4501	0.4501	9.7430	214.5011	3.0244	40.4946	52.0360	0.0000
13/01/2016	89.6821	0.0000	0.4397	0.4397	9.7587	234.3812	2.9806	40.5024	52.0443	0.0000
14/01/2016	89.5901	0.0000	0.5276	0.5276	9.7636	218.1332	2.5765	40.5118	52.0710	0.0000
15/01/2016	89.6733	0.0000	0.5123	0.5123	9.7080	241.1737	2.6345	40.4534	51.9884	0.0000
16/01/2016	89.6742	0.0000	0.4905	0.4905	9.7287	246.2953	2.5885	40.4632	52.0067	0.0000
17/01/2016	89.6752	0.0000	0.4817	0.4817	9.7365	226.9148	2.0921	40.4705	52.0055	0.0000
18/01/2016	89.6758	0.0000	0.5328	0.5328	9.6853	231.4667	2.1353	40.4451	51.9801	0.0000
19/01/2016	89.6738	0.0000	0.5002	0.5002	9.7197	238.6770	2.1059	40.4601	52.0025	0.0000
20/01/2016	89.4851	0.0000	0.6007	0.6007	9.7818	228.7842	2.1145	40.5084	52.0501	0.0000
21/01/2016	89.6210	0.0000	0.5772	0.5772	9.6694	242.4196	2.7939	40.4429	51.9575	0.0000
22/01/2016	89.5804	0.0000	0.5425	0.5425	9.7433	214.2969	5.1214	40.4885	52.0150	0.0000
23/01/2016	89.6263	0.0000	0.4767	0.4767	9.7628	259.0109	3.0877	40.4999	52.0450	0.0000
24/01/2016	89.5156	0.0000	0.6255	0.6255	9.7253	215.2716	2.5709	40.4934	52.0107	0.0000
25/01/2016	89.8207	0.0000	0.6106	0.6106	9.3707	223.7223	3.7365	40.4272	51.9561	0.0000
26/01/2016	91.8891	0.0000	0.4093	0.4093	7.4864	210.1446	3.9814	39.9245	51.7761	0.0000
27/01/2016	90.4132	0.0000	0.3975	0.3975	8.9741	210.1999	4.4333	39.9007	51.7667	0.0000
28/01/2016	92.3252	0.0000	0.3995	0.3995	7.0478	209.6629	4.2053	39.8207	51.7175	0.0000
29/01/2016	92.5285	0.0000	0.3062	0.3062	6.9354	236.1172	4.7250	39.8049	51.7095	0.0000
30/01/2016	92.5711	0.0000	0.3030	0.3030	6.8890	209.4976	4.4361	39.8044	51.7214	0.0000
31/01/2016	92.5784	0.0000	0.3938	0.3938	6.7899	209.0159	4.2404	39.7852	51.7013	0.0000
<b>Máximo</b>	92.5784	0.0000	0.6255	0.6255	9.7818	259.0109	5.1214	40.5118	52.0710	0.0000

Observaciones: No se detectaron desviaciones en la calidad química, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

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**(Registros mínimos diarios)**



<b>PERMISIONARIO:</b>	<b>TERMINAL KMS DE GNL S. DE R.L DE C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>ESTACION DE MEDICION MANZANILLO</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )
01/01/2016	89.8982	0.0000	0.4332	0.4332	9.5773	213.5831	1.4983	40.4108	51.9621	0.0000
02/01/2016	89.9460	0.0000	0.4421	0.4421	9.5228	213.2330	1.8214	40.3455	51.8753	0.0000
03/01/2016	89.8566	0.0000	0.5217	0.5217	9.5325	213.2765	1.8398	40.3656	51.8915	0.0000
04/01/2016	89.8900	0.0000	0.4587	0.4587	9.5617	213.3425	1.5032	40.3859	51.9271	0.0000
05/01/2016	89.8701	0.0000	0.4371	0.4371	9.6027	213.4690	1.5637	40.4097	51.9581	0.0000
06/01/2016	89.8100	0.0000	0.4260	0.4260	9.6734	213.6322	1.6745	40.4548	52.0095	0.0000
07/01/2016	89.8026	0.0000	0.4153	0.4153	9.6913	213.6800	1.4785	40.4614	52.0175	0.0000
08/01/2016	89.8522	0.0000	0.4030	0.4030	9.6543	213.5663	1.2966	40.4430	51.9912	0.0000
09/01/2016	90.1977	0.0000	0.3690	0.3690	9.3456	213.6530	1.4108	40.4499	51.9720	0.0000
10/01/2016	89.7297	0.0000	0.4570	0.4570	9.6959	213.9560	1.2259	40.4289	51.9677	0.0000
11/01/2016	89.9842	0.0000	0.4451	0.4451	9.4527	213.9895	0.6732	40.4705	52.0053	0.0000
12/01/2016	89.7207	0.0000	0.4325	0.4325	9.7289	214.0637	0.5637	40.4823	52.0200	0.0000
13/01/2016	89.7137	0.0000	0.4220	0.4220	9.7461	214.0953	0.8633	40.4927	52.0300	0.0000
14/01/2016	89.7912	0.0000	0.4070	0.4070	9.6962	213.8030	0.4621	40.4321	51.9558	0.0000
15/01/2016	89.7803	0.0000	0.4058	0.4058	9.7082	213.8293	0.4424	40.4409	51.9632	0.0000
16/01/2016	89.6952	0.0000	0.4829	0.4829	9.7160	213.8898	0.2554	40.4560	51.9840	0.0000
17/01/2016	89.7018	0.0000	0.4693	0.4693	9.7228	213.8871	0.1416	40.4607	51.0007	0.0000
18/01/2016	89.7543	0.0000	0.4967	0.4967	9.6435	213.7083	0.2918	40.4166	51.9458	0.0000
19/01/2016	89.7186	0.0000	0.4789	0.4789	9.6967	213.8204	0.2682	40.4454	51.9744	0.0000
20/01/2016	89.8306	0.0000	0.4195	0.4195	9.6434	213.8953	0.1896	40.4025	51.9084	0.0000
21/01/2016	89.6792	0.0000	0.5399	0.5399	9.6491	213.9765	0.1510	40.4184	51.9142	0.0000
22/01/2016	89.7199	0.0000	0.4715	0.4715	9.6764	214.0702	0.6383	40.4382	51.9529	0.0000
23/01/2016	89.6552	0.0000	0.4601	0.4601	9.7511	214.2724	0.1871	40.4878	52.0071	0.0000
24/01/2016	89.8799	0.0000	0.4629	0.4629	9.5275	213.6447	0.1118	40.3582	51.8578	0.0000
25/01/2016	92.0542	0.0000	0.3952	0.3952	7.4176	209.1383	0.3315	39.7869	51.5557	0.0000
26/01/2016	92.1662	0.0000	0.3166	0.3166	7.3178	209.8502	1.8832	39.8720	51.7108	0.0000
27/01/2016	92.4808	0.0000	0.3057	0.3057	6.9980	209.1118	1.4777	39.7702	51.6417	0.0000
28/01/2016	92.5593	0.0000	0.3061	0.3061	6.9170	208.8099	2.1165	39.7749	51.6226	0.0000
29/01/2016	92.5995	0.0000	0.3024	0.3024	6.8709	209.0939	2.6276	39.7859	51.6985	0.0000
30/01/2016	92.7407	0.0000	0.2761	0.2761	6.8390	209.0143	2.8100	39.7773	51.6951	0.0000
31/01/2016	92.9077	0.0000	0.2749	0.2749	6.5870	208.2742	2.1028	39.6666	51.5668	0.0000
<b>Mínimo</b>	89.6552	0.0000	0.2749	0.2749	6.5870	208.2742	0.1118	39.6666	51.0007	0.0000

Observaciones: **No se detectaron desviaciones en la calidad química, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.**