

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

(Valores promedio diarios)



<b>PERMISIONARIO:</b>	Infraestructura Marina del Golfo, S. de R.L. de C.V
<b>PUNTO DE MEDICIÓN:</b>	Estación Monte Grande - SNG
<b>ZONA DE MEDICIÓN:</b>	RESTO DEL PAÍS

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 Sulhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
01/12/2019											0.0000	0.0000
02/12/2019												
03/12/2019												
04/12/2019												
05/12/2019												
06/12/2019												
07/12/2019	95.7650	0.8263	0.3884	1.2147	2.8616	206.7540	71.8761	38.2438	50.2094	0.0414		
08/12/2019	95.9873	0.9731	0.2884	1.2615	2.6057	211.8504	57.2234	38.1464	50.0969	0.0413		
09/12/2019	96.0582	0.8458	0.3022	1.1480	2.6223	229.8666	47.4171	38.2104	50.2161	0.0384		
10/12/2019	94.2118	0.4492	0.8747	1.3239	4.2416	233.4477	39.7236	38.6367	50.4744	0.0538		
11/12/2019	94.0303	0.4052	1.0844	1.4896	4.2453	229.2754	35.8623	38.5810	50.3775	0.0834		
12/12/2019	93.8864	0.3943	1.1544	1.5487	4.3364	229.1379	26.4007	38.5799	50.3527	0.1014		
13/12/2019	93.8134	0.3811	1.0714	1.4525	4.5118	234.8888	19.2559	38.6627	50.4470	0.0758		
14/12/2019	93.9573	0.3853	1.0475	1.4327	4.4049	237.6609	17.7956	38.6275	50.4349	0.0596		
15/12/2019	94.0222	0.3766	0.9375	1.3142	4.4580	241.2210	17.0279	38.6886	50.3662	0.0505		
16/12/2019	93.7958	0.3841	1.1967	1.5808	4.4093	236.8429	17.1402	38.5782	50.3406	0.0502		
17/12/2019	93.8355	0.3958	1.1741	1.5699	4.3743	210.0666	16.8637	38.5752	50.3410	0.0746		
18/12/2019	94.1434	0.4532	1.0493	1.5025	4.1341	212.8423	17.5203	38.5340	50.3344	0.0896		
19/12/2019	94.1011	0.4196	1.1082	1.5277	4.1579	212.2395	17.8495	38.5262	50.3265	0.0794		
20/12/2019	94.7047	0.4207	0.0850	0.5057	4.5404	211.6241	17.5251	38.5791	50.3654	0.0672		
21/12/2019	93.7966	0.3902	1.1046	1.4948	4.4789	210.4586	16.3481	38.6405	50.4126	0.0630		
22/12/2019	94.2746	0.3969	1.0763	1.4732	3.9778	228.9612	15.4486	38.5440	50.3653	0.0722		
23/12/2019	94.0321	0.4235	1.1120	1.5355	4.1822	228.0525	14.5746	38.5606	50.3404	0.0777		
24/12/2019	94.1906	0.4188	1.1170	1.5358	4.0393	228.6050	14.8117	38.5091	50.3119	0.0786		
25/12/2019	94.1158	0.3885	1.1572	1.5458	4.1256	228.5655	14.7885	38.5134	50.3172	0.0668		
26/12/2019												
27/12/2019												
28/12/2019												
29/12/2019												
30/12/2019	94.1071	0.3873	1.1669	1.5543	4.1287	227.8556	73.4861	38.5093	50.3113	0.0091		
31/12/2019												

\*/ 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>	93.7958	0.3766	0.0850	0.5057	2.6057	206.7540	14.5746	38.1464	50.0969	0.0091		
<b>Promedio</b>	94.3415	0.4758	0.9248	1.4006	4.0418	224.5108	28.4470	38.5223	50.3371	0.0637		
<b>Máximo</b>	96.0582	0.9731	1.1967	1.5808	4.5404	241.2210	73.4861	38.6886	50.4744	0.1014		
<b>Desv. Est.</b>	0.719655252	0.178137862	0.350050746	0.24585942	0.603055528	10.9444632	19.34516645	0.148686167	0.086149295	0.021266275		

**Observaciones:** El Punto de Entrega Monte Grande - SNG no recibió nominaciones durante los días del 01 al 06, del 26 al 29 y 31 de Diciembre del 2019.

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

**(Registros máximos diarios)**



<b>PERMISIONARIO:</b>	<b>Infraestructura Marina del Golfo, S. de R.L. de C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>Estación Monte Grande - SNG</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 Sulhídrico (mg/m <sup>3</sup> )
01/12/2019										
02/12/2019										
03/12/2019										
04/12/2019										
05/12/2019										
06/12/2019										
07/12/2019	95.8128	0.8795	0.4038	1.2833	2.8959	243.4475	92.1982	38.2654	50.2393	0.0569
08/12/2019	96.1456	1.0080	0.3586	1.3667	2.7601	235.4995	63.9446	38.2920	50.3261	0.0620
09/12/2019	96.2924	0.9834	0.3998	1.3832	2.6792	255.1079	55.0695	38.3086	50.3924	0.0607
10/12/2019	95.8730	0.6820	1.0631	1.7451	4.5674	262.6343	43.3118	38.8773	50.8355	0.0727
11/12/2019	94.2238	0.4308	1.1176	1.5484	4.4524	232.0274	38.6448	38.6381	50.3949	0.0949
12/12/2019	94.0683	0.4173	1.2618	1.6792	4.5461	230.1764	30.3672	38.6315	50.3795	0.1148
13/12/2019	94.5022	0.3974	1.2252	1.6225	4.6548	254.5470	23.1714	39.0114	51.0207	0.1139
14/12/2019	94.2995	0.4168	1.0865	1.5033	4.5839	260.1042	21.0819	38.6882	50.5787	0.0816
15/12/2019	94.8457	0.4053	1.0698	1.4751	4.5773	260.8322	20.1119	38.6941	50.4416	0.0610
16/12/2019	93.9966	0.4238	1.2149	1.6387	4.5747	265.2790	19.4669	38.6095	50.3715	0.0638
17/12/2019	94.1272	0.4682	1.2800	1.7482	4.5889	212.6258	19.9008	38.6473	50.3975	0.0887
18/12/2019	94.3422	0.4910	1.1086	1.5996	4.3930	213.4900	21.4639	38.6124	50.3818	0.1079
19/12/2019	94.2271	0.4493	1.1308	1.5802	4.2738	213.1050	20.0024	38.5734	50.3704	0.0892
20/12/2019	94.7804	0.4232	1.1046	1.5278	4.5456	212.1583	18.9443	38.6629	50.4288	0.0820
21/12/2019	93.7966	0.3902	1.1046	1.4948	4.4789	212.4537	18.9674	38.6879	50.4467	0.0796
22/12/2019	94.4022	0.4350	1.1328	1.5678	4.3159	232.7603	18.2464	38.6752	50.4507	0.0843
23/12/2019	94.1851	0.4706	1.1586	1.6291	4.4320	231.6978	18.7452	38.6313	50.3878	0.0915
24/12/2019	94.3142	0.4575	1.1388	1.5963	4.1868	232.4029	17.1486	38.5706	50.3568	0.0855
25/12/2019	94.2089	0.4064	1.2097	1.6161	4.1900	229.8317	16.2627	38.5414	50.3330	0.0781
26/12/2019										
27/12/2019										
28/12/2019										
29/12/2019										
30/12/2019	94.1129	0.4000	1.1834	1.5834	4.1372	231.3218	100.3590	38.5113	50.3114	0.0098
31/12/2019										
<b>Máximo</b>	96.2924	1.0080	1.2800	1.7482	4.6548	265.2790	100.3590	39.0114	51.0207	0.1148

**Observaciones:**

**El Punto de Entrega Monte Grande - SNG no recibió nominaciones durante los días del 01 al 06, del 26 al 29 y 31 de Diciembre del 2019.**

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

**(Registros mínimos diarios)**



<b>PERMISIONARIO:</b>	<b>Infraestructura Marina del Golfo, S. de R.L. de C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>Estación Monte Grande - SNG</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 Sulhídrico (mg/m <sup>3</sup> )
01/12/2019										
02/12/2019										
03/12/2019										
04/12/2019										
05/12/2019										
06/12/2019										
07/12/2019	95.7398	0.7930	0.3608	1.1539	2.7897	196.6116	62.8892	38.1994	50.1542	0.0304
08/12/2019	95.8599	0.8934	0.0716	0.9650	2.5371	198.5331	53.4346	38.0942	50.0231	0.0253
09/12/2019	95.9651	0.7265	0.0000	0.7265	2.5455	215.9360	43.0101	38.1034	50.0408	0.0260
10/12/2019	93.7875	0.3997	0.3552	0.7549	2.9171	218.6105	35.5227	38.3370	50.3517	0.0318
11/12/2019	93.7893	0.3972	1.0028	1.4000	4.0447	228.8001	32.3286	38.5170	50.3286	0.0700
12/12/2019	93.6425	0.3580	1.0833	1.4414	4.2206	228.8088	19.9488	38.5517	50.2920	0.0914
13/12/2019	93.6689	0.3536	0.2274	0.5809	4.4261	227.9191	16.3441	38.5890	50.3499	0.0179
14/12/2019	93.7781	0.3627	0.8051	1.1678	4.2557	227.8375	16.6457	38.5666	50.3746	0.0430
15/12/2019	93.7932	0.3468	1.0564	1.4033	4.3088	228.1824	16.0837	38.6003	50.2929	0.0431
16/12/2019	93.6354	0.3568	1.1738	1.5306	4.2099	227.7073	15.9816	38.5100	50.2889	0.0392
17/12/2019	93.5770	0.3577	1.0028	1.3605	4.1712	204.3786	14.8553	38.5003	50.2745	0.0504
18/12/2019	93.8503	0.4085	1.0116	1.4201	3.9544	210.6476	15.1824	38.4701	50.2904	0.0776
19/12/2019	93.9601	0.3922	1.0834	1.4756	4.0391	211.3934	15.8681	38.4852	50.2993	0.0666
20/12/2019	93.7966	0.3902	0.0000	0.3902	4.4789	210.8978	16.2467	38.5139	50.4126	0.0525
21/12/2019	93.7966	0.3902	1.1046	1.4948	4.4789	204.8184	13.6692	38.4460	50.4126	0.0497
22/12/2019	93.8927	0.3493	1.0296	1.3789	3.8447	227.0992	11.9210	38.4893	50.3122	0.0651
23/12/2019	93.7567	0.3576	1.0770	1.4346	4.0469	225.2084	12.2409	38.4997	50.2796	0.0674
24/12/2019	94.0433	0.3941	1.0837	1.4778	3.8870	225.1679	11.2403	38.4642	50.2671	0.0712
25/12/2019	94.0492	0.3584	1.1306	1.4891	4.0345	227.3599	13.9016	38.4616	50.2846	0.0538
26/12/2019										
27/12/2019										
28/12/2019										
29/12/2019										
30/12/2019	94.1014	0.3747	1.1505	1.5252	4.1202	224.3894	46.6132	38.5073	50.3112	0.0085
31/12/2019										
<b>Mínimo</b>	93.5770	0.3468	0.0000	0.3902	2.5371	196.6116	11.2403	38.0942	50.0231	0.0085

Observaciones:

**El Punto de Entrega Monte Grande - SNG no recibió nominaciones durante los días del 01 al 06, del 26 al 29 y 31 de Diciembre del 2019.**

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

(Valores promedio diarios)



<b>PERMISIONARIO:</b>	Infraestructura Marina del Golfo, S. de R.L. de C.V.
<b>PUNTO DE MEDICIÓN:</b>	Estación Higueros - DMS
<b>ZONA DE MEDICIÓN:</b>	<u>RESTO DEL PAÍS</u>

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)
01/12/2019	94.1124	0.4581	0.8807	1.3388	4.3622	211.5393	19.5979	38.6373	50.4660	0.0785		
02/12/2019	94.0572	0.3983	1.0102	1.4086	4.3419	211.1471	19.1146	38.6085	50.4320	0.1062		
03/12/2019	94.0682	0.3889	1.0293	1.4181	4.3319	208.7992	18.0965	38.5940	50.4216	0.0698		
04/12/2019	94.1054	0.3840	1.0547	1.4387	4.2561	210.8192	17.3734	38.5775	50.4039	0.0560		
05/12/2019	94.0344	0.3853	1.0313	1.4166	4.3523	210.8648	15.7686	38.6105	50.4326	0.0578		
06/12/2019	93.9650	0.3839	1.1082	1.4921	4.3465	207.2548	14.1250	38.5783	50.3801	0.0590		
07/12/2019	93.8398	0.4004	1.0642	1.4645	4.4862	209.5891	12.9413	38.6370	50.4223	0.0573		
08/12/2019	94.0802	0.4294	0.9795	1.4089	4.2820	216.8136	12.7258	38.6176	50.4294	0.0652		
09/12/2019	93.9122	0.4132	1.1129	1.5261	4.3389	214.8287	12.6678	38.5837	50.3606	0.0576		
10/12/2019	93.8985	0.3794	1.2076	1.5870	4.3051	211.5244	12.6656	38.5416	50.3178	0.0551		
11/12/2019	93.7306	0.3836	1.2131	1.5968	4.4560	211.5973	10.9478	38.5861	50.3380	0.0816		
12/12/2019	93.7729	0.3866	1.1109	1.4975	4.5237	209.5662	12.3134	38.6349	50.4104	0.0669		
13/12/2019	93.9318	0.3854	1.0814	1.4668	4.4084	209.4286	12.8538	38.6059	50.4081	0.0458		
14/12/2019	93.8257	0.3889	1.0770	1.4659	4.5001	210.0641	13.5425	38.6426	50.4286	0.0372		
15/12/2019	93.9140	0.4037	1.1171	1.5208	4.3513	210.4114	14.4271	38.5834	50.3662	0.0342		
16/12/2019	93.7958	0.3841	1.1967	1.5808	4.4093	211.5049	12.6502	38.5782	50.3406	0.0337		
17/12/2019	93.8355	0.3958	1.1741	1.5699	4.3743	210.0666	12.5575	38.5752	50.3410	0.1258		
18/12/2019	94.1434	0.4532	1.0493	1.5025	4.1341	212.8423	12.8532	38.5340	50.3344	0.1339		
19/12/2019	94.1011	0.4196	1.1082	1.5277	4.1579	212.2395	11.5682	38.5262	50.3265	0.0999		
20/12/2019	93.9390	0.4006	1.1183	1.5188	4.3248	211.6241	10.2051	38.5791	50.3654	0.0549		
21/12/2019	94.0938	0.3780	1.1022	1.4802	4.2216	210.4586	10.9390	38.5560	50.3751	0.0462		
22/12/2019	94.2205	0.4027	1.1272	1.5299	4.0435	207.9447	10.9547	38.4872	50.3071	0.0624		
23/12/2019	94.0964	0.4428	1.1263	1.5691	4.1177	198.7306	12.2506	38.4997	50.2869	0.0567		
24/12/2019	94.0577	0.3729	1.1994	1.5723	4.1689	211.8079	12.0035	38.5047	50.3050	0.0451		
25/12/2019	94.0270	0.3247	1.2934	1.6181	4.1725	186.4978	10.6828	38.4725	50.2773	0.0334		
26/12/2019	93.8352	0.3356	1.2793	1.6148	4.3603	203.5377	9.5569	38.5331	50.3109	0.0206		
27/12/2019	94.1389	0.4010	1.1483	1.5494	4.1254	212.2019	9.6938	38.4923	50.3017	0.0229		
28/12/2019	94.0669	0.3699	1.1810	1.5509	4.1964	209.2242	8.9005	38.5094	50.3183	0.0212		
29/12/2019	93.9354	0.3628	1.2335	1.5963	4.2628	209.2735	8.4652	38.5225	50.3067	0.0245		
30/12/2019	94.2905	0.4323	1.1027	1.5350	3.9995	211.3917	8.4568	38.4537	50.2787	0.0432		
31/12/2019	93.9229	0.3714	1.1732	1.5445	4.3607	188.2816	8.5446	38.5478	50.3428	0.0265		

\*/ 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>	93.7306	0.3247	0.8807	1.3388	3.9995	186.4978	8.4568	38.4537	50.2773	0.0206		
<b>Promedio</b>	93.9919	0.3941	1.1191	1.5131	4.2927	208.7702	12.5627	38.5616	50.3592	0.0574		
<b>Máximo</b>	94.2905	0.4581	1.2934	1.6181	4.5237	216.8136	19.5979	38.6426	50.4660	0.1339		
<b>Desv. Est.</b>	0.137620124	0.029409232	0.087395867	0.069479465	0.131872456	6.504077626	2.958405533	0.05216371	0.053672397	0.028682299		

Observaciones:

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**(Registros máximos diarios)**



**PERMISIONARIO:** Infraestructura Marina del Golfo, S. de R.L. de C.V.  
**PUNTO DE MEDICIÓN:** Estación Higueros - DMS  
**ZONA DE MEDICIÓN:** RESTO DEL PAÍS

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> )
01/12/2019	94.2197	0.4952	0.9711	1.4662	4.4904	212.1441	20.8674	38.6725	50.4929	0.1490
02/12/2019	94.1848	0.4317	1.0435	1.4753	4.5611	212.5664	20.5979	38.6807	50.4703	0.1661
03/12/2019	94.1721	0.4017	1.0490	1.4507	4.4887	209.2155	19.2270	38.6453	50.4452	0.0950
04/12/2019	94.2692	0.3962	1.0770	1.4732	4.3552	212.4154	18.1472	38.6158	50.4215	0.0828
05/12/2019	94.1424	0.4062	1.0783	1.4845	4.4921	211.4905	16.7824	38.6644	50.4780	0.0807
06/12/2019	94.3790	0.4783	1.1824	1.6607	4.6099	211.5468	15.1880	38.6810	50.4611	0.0933
07/12/2019	94.1859	0.4348	1.1428	1.5776	4.7651	213.0758	13.9888	38.7130	50.4618	0.0866
08/12/2019	94.3413	0.4668	1.1271	1.5939	4.5386	218.6423	14.0827	38.7127	50.5099	0.1141
09/12/2019	94.1266	0.4358	1.1894	1.6253	4.5148	217.1353	13.9407	38.6596	50.4031	0.0954
10/12/2019	94.1191	0.3933	1.2607	1.6540	4.4924	212.7096	15.3328	38.5889	50.3496	0.0858
11/12/2019	93.8791	0.4240	1.2972	1.7212	4.5643	212.5559	11.3106	38.6618	50.4463	0.1066
12/12/2019	93.9564	0.4231	1.1656	1.5886	4.6742	211.5734	15.2548	38.6878	50.4705	0.0923
13/12/2019	94.0906	0.4028	1.1082	1.5111	4.5686	211.4684	15.8384	38.6634	50.4586	0.0612
14/12/2019	94.2656	0.4376	1.1073	1.5449	4.7275	212.1517	16.2513	38.7091	50.4810	0.0589
15/12/2019	94.3867	0.4309	1.1978	1.6287	4.6895	211.9784	16.1270	38.6941	50.4416	0.0556
16/12/2019	93.9966	0.4238	1.2149	1.6387	4.5747	213.1141	15.9002	38.6095	50.3715	0.0627
17/12/2019	94.1272	0.4682	1.2800	1.7482	4.5889	212.6258	13.6430	38.6473	50.3975	0.1845
18/12/2019	94.3422	0.4910	1.1086	1.5996	4.3930	213.4900	13.6721	38.6124	50.3818	0.1842
19/12/2019	94.2271	0.4493	1.1308	1.5802	4.2738	213.1050	13.3216	38.5734	50.3704	0.1342
20/12/2019	94.1295	0.4180	1.1472	1.5652	4.5458	212.1583	10.9490	38.6629	50.4288	0.0752
21/12/2019	94.4840	0.4136	1.1719	1.5855	4.6130	212.4537	12.1387	38.6879	50.4467	0.0637
22/12/2019	94.4339	0.4426	1.1758	1.6184	4.2570	212.5841	12.9639	38.5513	50.3512	0.1000
23/12/2019	94.3053	0.4722	1.1496	1.6218	4.4309	212.1552	14.1354	38.5786	50.3357	0.0897
24/12/2019	94.1854	0.4047	1.2485	1.6532	4.3981	213.0439	14.4726	38.5700	50.3455	0.0611
25/12/2019	94.1092	0.3668	1.3310	1.6978	4.3097	211.4294	13.6772	38.5141	50.3156	0.0610
26/12/2019	94.2620	0.4243	1.3350	1.7593	4.4815	212.2783	12.1253	38.5775	50.3550	0.0328
27/12/2019	94.2794	0.4281	1.1917	1.6198	4.2909	212.9361	12.3192	38.5372	50.3254	0.0371
28/12/2019	94.2233	0.3848	1.2063	1.5911	4.3135	212.1620	12.0022	38.5450	50.3327	0.0257
29/12/2019	94.1552	0.4135	1.3617	1.7752	4.8433	211.9346	11.1646	38.7562	50.5104	0.0385
30/12/2019	94.4669	0.4757	1.2015	1.6773	4.2290	212.4330	9.6873	38.5623	50.3937	0.0561
31/12/2019	94.4147	0.4219	2.0186	2.4405	4.7250	211.7809	9.5217	38.7050	50.4761	0.0336
<b>Máximo</b>	94.4840	0.4952	2.0186	2.4405	4.8433	218.6423	20.8674	38.7562	50.5104	0.1845

**Observaciones:**

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Registros mínimos diarios)



**PERMISIONARIO:** Infraestructura Marina del Golfo, S. de R.L. de C.V.  
**PUNTO DE MEDICIÓN:** Estación Higueros - DMS  
**ZONA DE MEDICIÓN:** RESTO DEL PAÍS

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 Sulhídrico (mg/m <sup>3</sup> )
01/12/2019	93.9813	0.4163	0.8062	1.2225	4.2274	210.8142	17.8380	38.5895	50.4290	0.0521
02/12/2019	93.8278	0.3779	0.9663	1.3442	4.2037	208.6777	17.7434	38.5525	50.3924	0.0709
03/12/2019	93.8834	0.3755	1.0122	1.3877	4.2282	208.3235	16.3405	38.5603	50.3987	0.0522
04/12/2019	93.9787	0.3699	1.0351	1.4050	4.0882	208.4256	16.1494	38.5172	50.3622	0.0422
05/12/2019	93.8603	0.3638	0.9716	1.3355	4.2747	209.4955	14.7023	38.5758	50.4046	0.0458
06/12/2019	93.7382	0.3632	0.8689	1.2321	4.0759	190.4293	13.3951	38.5395	50.3373	0.0415
07/12/2019	93.5315	0.3709	0.9727	1.3436	4.1903	207.7595	11.5314	38.5850	50.3805	0.0405
08/12/2019	93.8749	0.4023	0.9244	1.3267	3.9678	213.3788	11.0242	38.4765	50.3046	0.0435
09/12/2019	93.7139	0.3948	1.0744	1.4692	4.1698	211.8728	11.1911	38.5285	50.3070	0.0388
10/12/2019	93.6640	0.3674	1.1488	1.5161	4.1542	209.1975	11.2280	38.4927	50.2776	0.0350
11/12/2019	93.6346	0.3491	1.0776	1.4267	4.3162	210.0366	10.4522	38.5277	50.2576	0.0513
12/12/2019	93.6093	0.3649	1.0719	1.4368	4.3633	203.9255	10.5023	38.5881	50.3756	0.0476
13/12/2019	93.8029	0.3609	1.0384	1.3993	4.2253	203.8227	11.0415	38.5398	50.3531	0.0331
14/12/2019	93.5483	0.3493	1.0465	1.3958	4.0148	208.9575	11.7046	38.4916	50.3087	0.0252
15/12/2019	93.6019	0.3672	1.0564	1.4236	3.8906	208.4090	11.8407	38.4558	50.2929	0.0193
16/12/2019	93.6354	0.3568	1.1738	1.5306	4.2099	208.4266	10.9509	38.5100	50.2889	0.0195
17/12/2019	93.5770	0.3577	1.0028	1.3605	4.1712	204.3786	10.3660	38.5003	50.2745	0.0603
18/12/2019	93.8503	0.4085	1.0116	1.4201	3.9544	210.6476	10.8358	38.4701	50.2904	0.1009
19/12/2019	93.9601	0.3922	1.0834	1.4756	4.0391	211.3934	9.8110	38.4852	50.2993	0.0691
20/12/2019	93.7234	0.3804	1.1025	1.4828	4.1439	210.8978	9.5338	38.5139	50.3207	0.0000
21/12/2019	93.6454	0.3240	1.0366	1.3607	3.8776	204.8184	9.9388	38.4460	50.3072	0.0075
22/12/2019	93.9958	0.3611	1.0437	1.4048	3.8443	190.1308	8.7622	38.4258	50.2695	0.0196
23/12/2019	93.7731	0.4044	1.1038	1.5082	3.8937	183.6347	9.4715	38.4345	50.2399	0.0280
24/12/2019	93.7486	0.3502	1.1498	1.5000	4.0584	208.7127	10.1534	38.4687	50.2723	0.0262
25/12/2019	93.8825	0.2958	1.1974	1.4932	4.0858	180.5598	8.6592	38.4413	50.2514	0.0208
26/12/2019	93.6663	0.2945	1.1342	1.4287	4.0003	182.4604	8.2567	38.4484	50.2668	0.0150
27/12/2019	93.9569	0.3648	1.1210	1.4858	3.9987	211.1636	8.1338	38.4496	50.2730	0.0156
28/12/2019	93.9273	0.3476	1.1559	1.5035	4.0692	201.7058	7.6568	38.4754	50.2950	0.0161
29/12/2019	93.5095	0.3125	1.0489	1.3613	3.9751	203.5456	7.2044	38.4121	50.2150	0.0158
30/12/2019	94.0957	0.3652	0.9826	1.3478	3.7798	210.1801	7.0540	38.3732	50.2055	0.0311
31/12/2019	93.5971	0.1535	0.9928	1.1463	3.8627	158.8047	7.5367	38.1774	49.8969	0.0198
<b>Mínimo</b>	93.5095	0.1535	0.8062	1.1463	3.7798	158.8047	7.0540	38.1774	49.8969	0.0000

Observaciones:



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

(Valores promedio diarios)



<b>PERMISIONARIO:</b>	Infraestructura Marina del Golfo, S. de R.L. de C.V
<b>PUNTO DE MEDICIÓN:</b>	Estación Altamira DMS
<b>ZONA DE MEDICIÓN:</b>	<u>RESTO DEL PAÍS</u>

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 Sulhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
01/12/2019	94.0441	0.3903	1.0243	1.4146	4.3562	242.6056	16.5496	38.6088	50.4324	0.0593	0.0000	0.0000
02/12/2019	93.9896	0.3914	0.9800	1.3714	4.4351	212.5582	15.0404	38.6608	50.4815	0.0828		
03/12/2019	94.0638	0.3902	1.0169	1.4070	4.3338	232.9816	13.8331	38.6107	50.4369	0.0506		
04/12/2019	93.9978	0.3878	0.9835	1.3713	4.4308	240.0263	14.2079	38.6568	50.4802	0.0415		
05/12/2019	93.9165	0.3836	1.0265	1.4101	4.4726	237.3643	15.6964	38.6525	50.4611	0.0371		
06/12/2019	93.9357	0.4120	1.0214	1.4334	4.4201	239.5990	14.1800	38.6345	50.4333	0.0349		
07/12/2019	94.0018	0.4315	1.0161	1.4476	4.3229	243.1964	14.1790	38.6149	50.4108	0.0787		
08/12/2019	94.0106	0.3986	1.0476	1.4462	4.3320	240.8025	14.2933	38.6052	50.4140	0.0014		
09/12/2019	93.9333	0.3838	1.1602	1.5440	4.3174	239.6021	15.6897	38.5597	50.3469	0.0428		
10/12/2019	93.7332	0.3954	1.1413	1.5366	4.5201	238.1382	15.8571	38.6221	50.3825	0.0435		
11/12/2019	93.8653	0.3852	1.0822	1.4674	4.4707	237.0042	15.8129	38.6250	50.4178	0.0738		
12/12/2019	93.9431	0.3815	1.0545	1.4360	4.4307	237.3194	14.6256	38.6223	50.4314	0.0704		
13/12/2019	93.8519	0.3968	1.0702	1.4670	4.4719	236.7496	14.2014	38.6344	50.4205	0.0549		
14/12/2019	93.8861	0.3913	1.1281	1.5194	4.3830	237.1110	13.6711	38.5911	50.3732	0.0373		
15/12/2019	93.7321	0.3872	1.1883	1.5755	4.4762	237.0325	13.0510	38.5991	50.3533	0.0304		
16/12/2019	93.9996	0.4196	1.1016	1.5212	4.2694	236.7049	11.7479	38.5568	50.3460	0.0352		
17/12/2019	94.1198	0.4426	1.0528	1.4954	4.1700	237.7991	13.1341	38.5421	50.3438	0.0699		
18/12/2019	94.0865	0.4176	1.0947	1.5122	4.1916	237.5825	13.9283	38.5379	50.3397	0.0720		
19/12/2019	93.8785	0.3785	1.1139	1.4923	4.4165	238.4217	15.8648	38.6117	50.4003	0.0742		
20/12/2019	94.2381	0.3985	1.0625	1.4609	4.1080	236.8368	15.1179	38.5228	50.3590	0.0628		
21/12/2019	94.1980	0.4039	1.1243	1.5281	4.0663	236.9845	13.1145	38.4954	50.3113	0.0606		
22/12/2019	94.0996	0.4145	1.1393	1.5538	4.1381	236.3231	12.9268	38.5063	50.3034	0.0594		
23/12/2019	94.0144	0.3717	1.1934	1.5652	4.2238	239.3168	10.4322	38.5192	50.3158	0.0628		
24/12/2019	94.0085	0.3372	1.2513	1.5885	4.2206	234.0550	12.3671	38.4985	50.3017	0.0574		
25/12/2019	93.9453	0.3653	1.2180	1.5833	4.2832	234.2940	17.4806	38.5229	50.3113	0.0420		
26/12/2019	94.0915	0.3699	1.1626	1.5325	4.1947	235.5276	10.4446	38.5126	50.3275	0.0307		
27/12/2019	93.9992	0.3575	1.2638	1.6213	4.1863	235.7323	10.9979	38.4835	50.2733	0.0278		
28/12/2019	94.1392	0.4123	1.1133	1.5257	4.1500	236.7146	10.9368	38.5050	50.3160	0.0265		
29/12/2019	94.2172	0.4055	1.0965	1.5020	4.1149	235.6505	11.5666	38.4919	50.3211	0.0387		
30/12/2019	93.7593	0.3364	1.3056	1.6421	4.4330	223.9688	11.6305	38.5262	50.2934	0.0532		
31/12/2019	93.4836	0.3784	1.1789	1.5573	4.7799	237.2101	11.2970	38.6677	50.4031	0.0515		

\*/ 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>	93.4836	0.3364	0.9800	1.3713	4.0663	212.5582	10.4322	38.4835	50.2733	0.0014		
<b>Promedio</b>	93.9737	0.3908	1.1101	1.5009	4.3265	236.2972	13.6734	38.5741	50.3723	0.0505		
<b>Máximo</b>	94.2381	0.4426	1.3056	1.6421	4.7799	243.1964	17.4806	38.6677	50.4815	0.0828		
<b>Desv. Est.</b>	0.157561657	0.023709387	0.083060282	0.070127972	0.155802945	5.499302511	1.899883386	0.059080837	0.058831263	0.01857052		

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



**PERMISIONARIO:** Infraestructura Marina del Golfo, S. de R.L. de C.V  
**PUNTO DE MEDICIÓN:** Estación Altamira DMS  
**ZONA DE MEDICIÓN:** RESTO DEL PAÍS

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> )
01/12/2019	94.1092	0.4057	1.0322	1.4379	4.4449	268.0277	17.1993	38.6320	50.4469	0.0903
02/12/2019	94.0943	0.4216	1.2736	1.6952	4.6791	254.0542	16.1952	38.8033	50.5219	0.1522
03/12/2019	94.2230	0.4067	1.0778	1.4845	4.4830	240.9218	15.0133	38.6881	50.5219	0.0858
04/12/2019	94.0527	0.3921	1.6848	2.0769	4.4594	261.9224	14.9461	38.6881	50.5219	0.0540
05/12/2019	94.1268	0.3943	1.1839	1.5782	4.7879	247.7861	16.5595	38.7170	50.5219	0.0457
06/12/2019	94.3291	0.4335	1.0877	1.5212	4.6409	250.7924	15.6531	38.7119	50.5165	0.0490
07/12/2019	94.3071	0.4815	1.1278	1.6094	4.5612	265.3812	14.7226	38.7914	50.6451	1.0113
08/12/2019	94.9335	0.4320	1.2234	1.6554	4.5147	255.3579	15.1590	38.9428	50.9780	0.0021
09/12/2019	94.1321	0.4005	1.2091	1.6097	4.4038	247.9933	16.6755	38.5762	50.3532	0.0765
10/12/2019	93.9009	0.4169	1.2619	1.6788	4.6693	239.9838	17.8133	38.6845	50.4529	0.0821
11/12/2019	94.0718	0.4229	1.1013	1.5242	4.6307	238.1013	18.1293	38.6960	50.4799	0.0801
12/12/2019	94.1277	0.4075	1.0819	1.4894	4.5834	238.8614	16.9638	38.6696	50.4746	0.0800
13/12/2019	94.3897	0.4372	1.0970	1.5342	4.7436	237.9283	15.7508	38.7159	50.4898	0.0715
14/12/2019	94.1755	0.4235	1.1864	1.6099	4.6726	237.6772	14.9175	38.6945	50.4500	0.0580
15/12/2019	93.9756	0.4212	1.2385	1.6597	4.6168	239.1230	14.4705	38.6550	50.3984	0.0431
16/12/2019	94.3408	0.4718	1.2675	1.7393	4.5382	238.2606	12.9450	38.6337	50.4071	0.0631
17/12/2019	94.3722	0.4892	1.1053	1.5945	4.3951	238.9932	14.3518	38.6132	50.3893	0.0768
18/12/2019	94.2039	0.4477	1.1136	1.5614	4.3295	241.7024	14.8443	38.5809	50.3733	0.0799
19/12/2019	94.0229	0.4102	1.1593	1.5695	4.6374	242.8520	16.7529	38.6959	50.4559	0.0820
20/12/2019	94.4822	0.4448	1.1197	1.5645	4.3948	238.9617	16.0774	38.5999	50.4070	0.0765
21/12/2019	94.4866	0.4337	1.1580	1.5917	4.2302	241.0947	15.0779	38.5513	50.3499	0.0676
22/12/2019	94.2065	0.4463	1.2147	1.6610	4.2365	239.9896	14.7719	38.5334	50.3394	0.0764
23/12/2019	94.1643	0.3935	1.2312	1.6247	4.3262	243.8929	12.1533	38.5451	50.3539	0.0712
24/12/2019	94.0696	0.3621	1.2827	1.6448	4.3207	238.0103	13.5277	38.5222	50.3143	0.0686
25/12/2019	94.0500	0.4064	1.2839	1.6903	4.3538	236.6204	20.2689	38.5318	50.3155	0.0620
26/12/2019	94.2337	0.3837	1.1921	1.5757	4.3228	236.7781	10.9262	38.5475	50.3409	0.0418
27/12/2019	94.2425	0.4273	1.3441	1.7714	4.4513	237.6793	11.3373	38.5965	50.3645	0.0386
28/12/2019	94.4960	0.4750	1.1867	1.6617	4.8125	237.9234	11.2904	38.7341	50.5081	0.0332
29/12/2019	94.4734	0.4759	1.3341	1.8100	4.5963	238.3809	12.0753	38.6714	50.4711	0.0670
30/12/2019	93.9227	0.4445	2.0298	2.4743	4.7578	236.9897	11.8892	38.7319	50.5141	0.0597
31/12/2019	93.6294	0.4407	1.3802	1.8209	5.0473	238.9978	11.7345	38.7565	50.5146	0.0566

<b>Máximo</b>	94.9335	0.4892	2.0298	2.4743	5.0473	268.0277	20.2689	38.9428	50.9780	1.0113
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**Observaciones:**



# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



<b>PERMISIONARIO:</b>	Infraestructura Marina del Golfo, S. de R.L. de C.V
<b>PUNTO DE MEDICIÓN:</b>	Estación Altamira DMS
<b>ZONA DE MEDICIÓN:</b>	<u>RESTO DEL PAÍS</u>

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 Sulhídrico (mg/m <sup>3</sup> )
01/12/2019	93.9658	0.3770	1.0164	1.3934	4.2743	235.9463	15.9433	38.5789	50.4024	0.0328
02/12/2019	93.1481	0.3853	0.9246	1.3099	4.3163	180.6942	13.9696	38.5947	50.4072	0.0656
03/12/2019	93.9442	0.3686	0.9246	1.2932	4.1346	190.1475	12.9132	38.5319	50.3720	0.0135
04/12/2019	93.5744	0.3440	0.9246	1.2686	4.2173	231.8470	13.1651	38.3373	50.0088	0.0238
05/12/2019	93.5082	0.3621	0.9246	1.2867	4.2748	234.6815	14.8365	38.5411	50.3397	0.0227
06/12/2019	93.6990	0.3917	0.9174	1.3091	4.0610	235.4319	13.3840	38.5568	50.3948	0.0202
07/12/2019	93.7241	0.3981	0.7221	1.1202	3.9907	240.2925	13.3692	38.4807	50.3075	0.0015
08/12/2019	93.7098	0.3675	0.2170	0.5845	4.1786	238.2958	13.5522	38.4975	50.2893	0.0007
09/12/2019	93.7989	0.3677	1.1374	1.5051	4.1602	237.9456	14.3463	38.5087	50.3152	0.0008
10/12/2019	93.5925	0.3736	1.0533	1.4268	4.3478	236.3922	14.6997	38.5438	50.2765	0.0039
11/12/2019	93.7254	0.3648	1.0599	1.4247	4.2698	236.2899	14.3814	38.5622	50.3798	0.0685
12/12/2019	93.8218	0.3515	1.0237	1.3752	4.2172	236.5264	13.4911	38.5493	50.3672	0.0590
13/12/2019	93.5522	0.3499	1.0503	1.4003	3.9059	236.0096	13.0088	38.4645	50.3049	0.0366
14/12/2019	93.6430	0.3586	1.0415	1.4001	4.1095	236.3496	13.0465	38.5320	50.3248	0.0238
15/12/2019	93.5678	0.3613	1.1601	1.5215	4.2490	235.9334	11.9791	38.5252	50.3066	0.0222
16/12/2019	93.7123	0.3568	0.9928	1.3496	3.9985	234.8475	11.0593	38.4945	50.2840	0.0208
17/12/2019	93.8665	0.3980	0.9998	1.3978	3.9489	236.4662	11.9510	38.4684	50.2979	0.0638
18/12/2019	93.9316	0.3941	1.0702	1.4643	4.0825	236.4136	12.6556	38.4964	50.3080	0.0615
19/12/2019	93.6374	0.3223	1.0774	1.3997	4.2868	236.2089	15.0899	38.5694	50.3603	0.0677
20/12/2019	93.9453	0.3623	1.0231	1.3854	3.8910	234.9997	14.5897	38.4471	50.3076	0.0516
21/12/2019	94.0149	0.3746	1.0548	1.4294	3.8388	235.0563	10.2928	38.4233	50.2721	0.0540
22/12/2019	94.0057	0.3545	1.1116	1.4661	4.0166	233.8585	10.5330	38.4540	50.2719	0.0481
23/12/2019	93.8562	0.3578	1.1421	1.4999	4.0946	235.6767	7.9365	38.4800	50.2802	0.0498
24/12/2019	93.8862	0.3240	1.1949	1.5188	4.1696	232.6076	11.1693	38.4832	50.2936	0.0505
25/12/2019	93.8495	0.3257	1.1508	1.4765	4.1986	232.8530	12.3550	38.5044	50.3037	0.0187
26/12/2019	93.9340	0.3488	1.1361	1.4849	4.0823	233.9677	10.1537	38.4840	50.3011	0.0236
27/12/2019	93.8167	0.3112	1.0994	1.4106	3.9328	234.3846	10.5268	38.3867	50.2070	0.0188
28/12/2019	93.5875	0.3665	1.0470	1.4135	3.7689	235.6858	10.5409	38.3706	50.2100	0.0203
29/12/2019	93.8287	0.3269	0.9681	1.2949	3.8462	230.5655	10.8819	38.3986	50.2147	0.0238
30/12/2019	93.6040	0.1489	0.9492	1.0981	3.8967	200.2879	11.3249	38.1517	49.8819	0.0481
31/12/2019	93.2240	0.3129	0.9777	1.2906	4.5401	233.2320	10.9419	38.5479	50.2885	0.0451
<b>Mínimo</b>	93.1481	0.1489	0.2170	0.5845	3.7689	180.6942	7.9365	38.1517	49.8819	0.0007

Observaciones:

