

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

PERMISIONARIO: **CONSORCIO MEXI-GAS, S.A. de C.V.**  
 PUNTO DE MEDICIÓN: **Venta de Carpio**  
 ZONA DE MEDICIÓN: **SUR**



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> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
	<b>83.0 MÍN.</b>	<b>3.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>11.0 MÁX.</b>	<b>271.15 MÁX</b>	<b>110.0 MÁX.</b>	<b>36.8 MÍN.</b>	<b>47.3 MÍN.</b>	<b>6.0 MÁX.</b>	<b>150.0 MÁX.</b>	<b>0.2 MÁX.</b>
01/12/2018	95.2211	0.9046	0.2430	1.1476	3.3756	231.5972	20.5300	38.4400	50.3100	0.2842		
02/12/2018	95.3256	0.8870	0.2647	1.1517	3.3020	223.4982	20.8000	38.4000	50.2900	0.1839		
03/12/2018	95.2226	0.8698	0.2747	1.1445	3.3789	236.2497	21.5800	38.4400	50.3200	0.1839		
04/12/2018	95.1358	0.8733	0.2700	1.1434	3.4602	230.3203	20.3700	38.4700	50.3400	0.3375		
05/12/2018	95.0610	0.8750	0.2517	1.1267	3.5213	229.8473	17.9300	38.5200	50.3700	0.3469		
06/12/2018	95.0063	0.8885	0.2444	1.1329	3.5893	232.7121	19.3500	38.5200	50.3700	0.3449		
07/12/2018	95.0061	0.8742	0.2567	1.1309	3.5832	234.4267	20.4700	38.5200	50.3700	0.4198		
08/12/2018	95.0593	0.8577	0.2654	1.1230	3.5469	232.2719	21.0600	38.5100	50.3700	0.3806		
09/12/2018	95.1294	0.8904	0.2571	1.1475	3.4655	223.2026	20.5700	38.4700	50.3300	0.3822		
10/12/2018	95.1874	0.8744	0.2349	1.1093	3.4545	223.2134	17.5800	38.4700	50.3600	0.4156		
11/12/2018	95.0177	0.8426	0.2343	1.0769	3.5893	230.4817	16.5900	38.5700	50.4300	0.3850		
12/12/2018	95.0182	0.8607	0.2270	1.0877	3.5821	235.7196	17.6200	38.5600	50.4200	0.3471		
13/12/2018	94.8248	0.8996	0.2313	1.1309	3.7550	230.7693	18.6600	38.5800	50.4000	0.4346		
14/12/2018	94.7119	0.8580	0.2417	1.0996	3.8739	226.5018	18.1700	38.6400	50.4600	0.4136		
15/12/2018	94.8487	0.8911	0.2322	1.1233	3.7689	230.4307	15.7700	38.5700	50.4000	0.3890		
16/12/2018	94.8725	0.8456	0.2286	1.0742	3.7429	231.1749	17.1700	38.6100	50.4600	0.4028		
17/12/2018	94.8030	0.8216	0.2279	1.0495	3.8376	222.5886	17.5800	38.6500	50.4900	0.4354		
18/12/2018	94.8367	0.8269	0.2391	1.0659	3.7914	222.6755	18.9800	38.6200	50.4700	0.4841		
19/12/2018	94.8791	0.8359	0.2472	1.0831	3.7458	224.0959	20.1600	38.6000	50.4500	0.4876		
20/12/2018	94.8885	0.8260	0.2460	1.0720	3.7259	236.5828	15.4300	38.6100	50.4600	0.2249		
21/12/2018	94.9340	0.8250	0.2281	1.0532	3.6347	236.2531	15.5500	38.6400	50.4900	0.2429		
22/12/2018	94.8735	0.8049	0.2291	1.0341	3.6955	234.6878	15.5600	38.6700	50.5200	0.2567		
23/12/2018	95.1587	0.8295	0.2535	1.0830	3.4566	226.3135	15.5600	38.5200	50.4000	0.2618		
24/12/2018	95.1897	0.8852	0.2568	1.1420	3.4148	220.0224	15.5700	38.4500	50.3200	0.2201		
25/12/2018	95.2113	0.9034	0.2644	1.1678	3.3694	222.6500	15.5700	38.4300	50.3000	0.1641		
26/12/2018	95.1647	0.9589	0.2553	1.2142	3.4421	215.6806	15.5800	38.3900	50.2400	0.2938		
27/12/2018	95.0574	0.9252	0.2425	1.1676	3.5010	226.6440	15.5800	38.4800	50.3200	0.2798		
28/12/2018	94.8974	0.8680	0.2371	1.1051	3.6417	236.7460	15.5800	38.6000	50.4300	0.2057		
29/12/2018	95.0389	0.9079	0.2152	1.1231	3.4769	241.4813	15.6000	38.5600	50.3900	0.2859		
30/12/2018	95.0935	0.8792	0.1953	1.0745	3.3924	242.7541	15.5900	38.6100	50.4400	0.2970		
31/12/2018	94.9463	0.8960	0.1940	1.0900	3.5389	241.2711	15.5900	38.6300	50.4500	0.2997		

\*/ 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>	94.7119	0.8049	0.1940	1.0341	3.3020	215.6806	15.4300	38.3900	50.2400	0.1641		
<b>Promedio</b>	95.0200	0.8705	0.2416	1.1121	3.5695	230.0924	17.6677	38.5403	50.3926	0.3255		
<b>Máximo</b>	95.3256	0.9589	0.2747	1.2142	3.8739	242.7541	21.5800	38.6700	50.5200	0.4876		
<b>Desv. Est.</b>	0.15231	0.03419	0.01919	0.04067	0.15523	6.71767	2.14985	0.08015	0.06885	0.09067		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.**

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

PERMISIONARIO: **CONSORCIO MEXI-GAS, S.A. de C.V.**  
 PUNTO DE MEDICIÓN: **Venta de Carpio**  
 ZONA DE MEDICIÓN: **SUR**



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> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
	<b>83.0 MÍN.</b>	<b>3.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>11.0 MÁX.</b>	<b>271.15 MÁX</b>	<b>110.0 MÁX.</b>	<b>43.6 MÁX.</b>	<b>53.2 MÁX.</b>	<b>6.0 MÁX.</b>	<b>150.0 MÁX.</b>	<b>0.2 MÁX.</b>
01/12/2018	95.4265	0.9408	0.2662	1.1933	3.5936	241.7061	25.6500	38.5100	50.4000	0.3622		
02/12/2018	95.4335	0.9462	0.2817	1.2134	3.4855	240.3224	26.4500	38.4500	50.3600	0.2811		
03/12/2018	95.3540	0.9207	0.3086	1.2121	3.6133	243.8749	31.5800	38.5200	50.4100	7.2732		
04/12/2018	95.2990	0.9121	0.2876	1.1735	3.7786	244.2548	25.3500	38.5600	50.3900	0.4162		
05/12/2018	95.3633	0.9347	0.2672	1.1837	3.7455	243.6173	20.7200	38.6300	50.4500	0.4523		
06/12/2018	95.1794	0.9356	0.2604	1.1908	3.7495	243.1752	23.2400	38.5700	50.4200	0.4072		
07/12/2018	95.1884	0.9138	0.2825	1.1890	3.8039	243.5951	25.1400	38.5900	50.4300	0.4883		
08/12/2018	95.1676	0.9018	0.3026	1.1759	3.7186	243.3265	25.7500	38.6000	50.4300	0.5063		
09/12/2018	95.2306	0.9312	0.2750	1.1976	3.5727	241.2427	24.8400	38.5100	50.3900	0.5063		
10/12/2018	95.3254	0.9309	0.2517	1.1715	3.5995	241.0051	21.7300	38.5300	50.3900	0.4973		
11/12/2018	95.1120	0.8799	0.2473	1.1188	3.7762	241.2417	19.9200	38.6600	50.5000	0.4793		
12/12/2018	95.1128	0.8948	0.2434	1.1287	3.6939	242.2131	20.7200	38.6100	50.4700	0.4252		
13/12/2018	95.0485	0.9599	0.2524	1.2123	4.0234	242.1200	22.5300	38.6800	50.4700	0.6325		
14/12/2018	94.9143	0.8775	0.2642	1.1371	4.0703	243.1008	22.8300	38.7100	50.5100	0.5874		
15/12/2018	94.9600	0.9334	0.2571	1.1737	3.9452	241.9848	19.3200	38.6200	50.4600	0.5153		
16/12/2018	95.0629	0.9172	0.2510	1.1602	4.0927	243.0517	22.1300	38.7100	50.5000	0.5424		
17/12/2018	94.9819	0.8569	0.2468	1.0846	3.9956	240.4661	21.7300	38.6900	50.5400	0.5694		
18/12/2018	94.9583	0.8664	0.2604	1.1016	3.9680	239.4997	23.1300	38.6800	50.5400	0.5694		
19/12/2018	95.0013	0.8787	0.2592	1.1264	3.8501	239.8117	25.2500	38.6400	50.4800	0.5874		
20/12/2018	95.0709	0.8493	0.2600	1.1042	3.8612	243.3979	15.7000	38.6800	50.5000	0.4703		
21/12/2018	95.1314	0.8680	0.2531	1.1082	3.7872	241.4382	15.7000	38.6800	50.5300	0.3351		
22/12/2018	95.0249	0.8476	0.2498	1.0807	3.8772	237.2538	15.7000	38.7700	50.6100	0.3532		
23/12/2018	95.2773	0.8726	0.2712	1.1406	3.5965	242.5294	15.7000	38.6200	50.5000	0.3261		
24/12/2018	95.2912	0.9121	0.2736	1.1733	3.5023	227.4147	15.7000	38.4900	50.3600	0.2901		
25/12/2018	95.9367	0.9812	0.7018	1.4167	3.6879	245.2177	15.7000	38.5400	50.4400	0.2180		
26/12/2018	95.4032	0.9838	0.2785	1.2431	3.5728	229.1826	15.7000	38.5500	50.3700	0.4162		
27/12/2018	95.2755	0.9669	0.2680	1.2306	3.6201	241.7543	15.7000	38.5600	50.3800	0.3802		
28/12/2018	95.2275	0.9272	0.2609	1.1682	4.0682	244.1555	15.7000	38.7600	50.5500	0.2721		
29/12/2018	95.4608	0.9534	0.2375	1.1836	3.7888	244.5562	15.7000	38.6600	50.4800	0.3892		
30/12/2018	95.4990	0.9660	0.2093	1.1690	3.7144	245.8976	15.7000	38.7200	50.5500	0.3802		
31/12/2018	95.0435	0.9512	0.2212	1.1712	3.6574	242.8160	15.7000	38.6900	50.4900	0.3982		

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<b>Mínimo</b>	94.9143	0.8476	0.2093	1.0807	3.4855	227.4147	15.7000	38.4500	50.3600	0.2180		
<b>Promedio</b>	95.2181	0.9165	0.2758	1.1721	3.7681	241.4588	20.5294	38.6190	50.4613	0.6557		
<b>Máximo</b>	95.9367	0.9838	0.7018	1.4167	4.0927	245.8976	31.5800	38.7700	50.6100	7.2732		
<b>Desv. Est.</b>	0.21249	0.03907	0.08164	0.06167	0.17282	3.95042	4.49681	0.08300	0.06490	1.23253		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.**

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(Registros Mínimos diarios)

PERMISIONARIO: **CONSORCIO MEXI-GAS, S.A. de C.V.**  
 PUNTO DE MEDICIÓN: **Venta de Carpio**  
 ZONA DE MEDICIÓN: **SUR**



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> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
	<b>83.0 MÍN.</b>	<b>3.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>11.0 MÁX.</b>	<b>271.15 MÁX</b>	<b>110.0 MÁX.</b>	<b>36.8 MÍN.</b>	<b>47.3 MÍN.</b>	<b>6.0 MÁX.</b>	<b>150.0 MÁX.</b>	<b>0.2 MÁX.</b>
01/12/2018	94.9821	0.8383	0.1986	1.0662	3.2090	200.6372	16.3000	38.3800	50.2600	0.1730		
02/12/2018	95.1378	0.8317	0.2493	1.0911	3.2042	198.2048	16.4000	38.3500	50.2500	0.1099		
03/12/2018	94.9347	0.8227	0.2459	1.0687	3.2203	220.7397	0.6200	38.3700	50.2500	0.1099		
04/12/2018	94.8296	0.8451	0.2478	1.1127	3.2412	222.1839	16.2000	38.4200	50.2900	0.1099		
05/12/2018	94.8017	0.8416	0.2321	1.0897	3.1902	222.0400	15.0900	38.3900	50.2600	0.2540		
06/12/2018	94.7983	0.8549	0.2253	1.0871	3.4400	222.9551	14.8900	38.4700	50.3300	0.2540		
07/12/2018	94.7652	0.8399	0.2374	1.0946	3.4101	200.8992	16.4000	38.4600	50.3200	0.3081		
08/12/2018	94.8237	0.8219	0.2500	1.0744	3.4300	201.3700	16.4000	38.4500	50.3100	0.2721		
09/12/2018	94.9881	0.8397	0.2366	1.0852	3.4012	200.3875	16.8000	38.4200	50.2800	0.2540		
10/12/2018	95.0297	0.8467	0.2182	1.0755	3.3214	199.4344	13.9900	38.4300	50.3000	0.3261		
11/12/2018	94.8166	0.8157	0.2211	1.0478	3.5065	201.5740	13.8900	38.5100	50.3700	0.2991		
12/12/2018	94.8823	0.8131	0.2116	1.0335	3.5012	203.3208	14.0900	38.5300	50.3700	0.2540		
13/12/2018	94.4991	0.8520	0.2129	1.0758	3.5580	221.0782	15.4000	38.5100	50.3300	0.2631		
14/12/2018	94.5184	0.8293	0.2218	1.0575	3.7110	222.0653	13.1900	38.5700	50.4000	0.2360		
15/12/2018	94.6711	0.8471	0.2154	1.0675	3.6530	201.4935	13.1900	38.5300	50.3600	0.2540		
16/12/2018	94.4864	0.8121	0.2008	1.0144	3.5568	223.0317	13.0800	38.5400	50.3700	0.3171		
17/12/2018	94.6652	0.7816	0.1991	1.0022	3.6883	201.7956	13.6900	38.6000	50.4600	0.2180		
18/12/2018	94.7034	0.7891	0.2121	1.0065	3.6672	199.5953	14.3900	38.5900	50.4400	0.3802		
19/12/2018	94.7681	0.8097	0.2337	1.0502	3.6279	199.6141	14.5900	38.5600	50.4000	0.3712		
20/12/2018	94.7210	0.8053	0.2301	1.0473	3.5552	223.3646	14.4900	38.5200	50.3900	0.3712		
21/12/2018	94.7726	0.7967	0.2117	1.0165	3.4538	226.0611	15.4000	38.5400	50.4000	0.1549		
22/12/2018	94.7108	0.7558	0.2114	0.9720	3.5399	224.9496	15.4000	38.6100	50.4700	0.1730		
23/12/2018	95.0088	0.7835	0.2357	1.0241	3.3334	200.9777	15.4000	38.4300	50.3200	0.2000		
24/12/2018	95.0899	0.8542	0.2417	1.1096	3.3073	199.5405	15.4000	38.4000	50.2800	0.1369		
25/12/2018	94.8875	0.6595	0.2271	0.9541	2.7664	195.2123	15.5000	38.2700	50.1400	0.1009		
26/12/2018	94.9564	0.8924	0.2378	1.1411	3.2317	195.3291	15.5000	38.2900	50.1600	0.1279		
27/12/2018	94.8846	0.8817	0.2226	1.1224	3.3743	220.9252	15.5000	38.3800	50.2300	0.1730		
28/12/2018	94.4485	0.8204	0.2194	1.0509	3.3935	223.2595	15.5000	38.4400	50.3200	0.1549		
29/12/2018	94.7394	0.8451	0.1887	1.0435	3.1728	238.3001	15.5000	38.4600	50.3100	0.1820		
30/12/2018	94.8159	0.8215	0.1798	1.0067	3.0167	240.5270	15.5000	38.4500	50.3400	0.2090		
31/12/2018	94.8428	0.8613	0.1746	1.0438	3.4563	239.9461	15.5000	38.5600	50.3600	0.2000		

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<b>Mínimo</b>	94.4485	0.6595	0.1746	0.9541	2.7664	195.2123	0.6200	38.2700	50.1400	0.1009		
<b>Promedio</b>	94.8058	0.8229	0.2210	1.0559	3.3916	212.6069	14.6190	38.4655	50.3248	0.2241		
<b>Máximo</b>	95.1378	0.8924	0.2500	1.1411	3.7110	240.5270	16.8000	38.6100	50.4700	0.3802		
<b>Desv. Est.</b>	0.17192	0.04206	0.01965	0.04300	0.20921	14.22800	2.78652	0.08824	0.07724	0.08157		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.**