

**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>
12/1/2018	95.2211	0.9046	0.2430	1.1476	3.3756	231.5972	20.5300	38.4400	50.3100	0.2842		
12/2/2018	95.3256	0.8870	0.2647	1.1517	3.3020	223.4982	20.8000	38.4000	50.2900	0.1839		
12/3/2018	95.2226	0.8698	0.2747	1.1445	3.3789	236.2497	21.5800	38.4400	50.3200	0.1839		
12/4/2018	95.1358	0.8733	0.2700	1.1434	3.4602	230.3203	20.3700	38.4700	50.3400	0.3375		
12/5/2018	95.0610	0.8750	0.2517	1.1267	3.5213	229.8473	17.9300	38.5200	50.3700	0.3469		
12/6/2018	95.0063	0.8885	0.2444	1.1329	3.5893	232.7121	19.3500	38.5200	50.3700	0.3449		
12/7/2018	95.0061	0.8742	0.2567	1.1309	3.5832	234.4267	20.4700	38.5200	50.3700	0.4198		
12/8/2018	95.0593	0.8577	0.2654	1.1230	3.5469	232.2719	21.0600	38.5100	50.3700	0.3806		
12/9/2018	95.1294	0.8904	0.2571	1.1475	3.4655	223.2026	20.5700	38.4700	50.3300	0.3822		
12/10/2018	95.1874	0.8744	0.2349	1.1093	3.4545	223.2134	17.5800	38.4700	50.3600	0.4156		
12/11/2018	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		
12/13/2018	94.8248	0.8996	0.2313	1.1309	3.7550	230.7693	18.6600	38.5800	50.4000	0.4346		
12/14/2018	94.7119	0.8580	0.2417	1.0996	3.8739	226.5018	18.1700	38.6400	50.4600	0.4136		
12/15/2018	94.8487	0.8911	0.2322	1.1233	3.7689	230.4307	15.7700	38.5700	50.4000	0.3890		
12/16/2018	94.8725	0.8456	0.2286	1.0742	3.7429	231.1749	17.1700	38.6100	50.4600	0.4028		
12/17/2018	94.8030	0.8216	0.2279	1.0495	3.8376	222.5886	17.5800	38.6500	50.4900	0.4354		
12/18/2018	94.8367	0.8269	0.2391	1.0659	3.7914	222.6755	18.9800	38.6200	50.4700	0.4841		
12/19/2018	94.8791	0.8359	0.2472	1.0831	3.7458	224.0959	20.1600	38.6000	50.4500	0.4876		
12/20/2018	94.8885	0.8260	0.2460	1.0720	3.7259	236.5828	15.4300	38.6100	50.4600	0.2249		
12/21/2018	94.9340	0.8250	0.2281	1.0532	3.6347	236.2531	15.5500	38.6400	50.4900	0.2429		
12/22/2018	94.8735	0.8049	0.2291	1.0341	3.6955	234.6878	15.5600	38.6700	50.5200	0.2567		
12/23/2018	95.1587	0.8295	0.2535	1.0830	3.4566	226.3135	15.5600	38.5200	50.4000	0.2618		
12/24/2018	95.1897	0.8852	0.2568	1.1420	3.4148	220.0224	15.5700	38.4500	50.3200	0.2201		
12/25/2018	95.2113	0.9034	0.2644	1.1678	3.3694	222.6500	15.5700	38.4300	50.3000	0.1641		
12/26/2018	95.1647	0.9589	0.2553	1.2142	3.4421	215.6806	15.5800	38.3900	50.2400	0.2938		
12/27/2018	95.0574	0.9252	0.2425	1.1676	3.5010	226.6440	15.5800	38.4800	50.3200	0.2798		
12/28/2018	94.8974	0.8680	0.2371	1.1051	3.6417	236.7460	15.5800	38.6000	50.4300	0.2057		
12/29/2018	95.0389	0.9079	0.2152	1.1231	3.4769	241.4813	15.6000	38.5600	50.3900	0.2859		
12/30/2018	95.0935	0.8792	0.1953	1.0745	3.3924	242.7541	15.5900	38.6100	50.4400	0.2970		
12/31/2018	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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	43.6 MÁX.	53.2 MÁX.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
12/1/2018	95.4265	0.9408	0.2662	1.1933	3.5936	241.7061	25.6500	38.5100	50.4000	0.3622		
12/2/2018	95.4335	0.9462	0.2817	1.2134	3.4855	240.3224	26.4500	38.4500	50.3600	0.2811		
12/3/2018	95.3540	0.9207	0.3086	1.2121	3.6133	243.8749	31.5800	38.5200	50.4100	7.2732		
12/4/2018	95.2990	0.9121	0.2876	1.1735	3.7786	244.2548	25.3500	38.5600	50.3900	0.4162		
12/5/2018	95.3633	0.9347	0.2672	1.1837	3.7455	243.6173	20.7200	38.6300	50.4500	0.4523		
12/6/2018	95.1794	0.9356	0.2604	1.1908	3.7495	243.1752	23.2400	38.5700	50.4200	0.4072		
12/7/2018	95.1884	0.9138	0.2825	1.1890	3.8039	243.5951	25.1400	38.5900	50.4300	0.4883		
12/8/2018	95.1676	0.9018	0.3026	1.1759	3.7186	243.3265	25.7500	38.6000	50.4300	0.5063		
12/9/2018	95.2306	0.9312	0.2750	1.1976	3.5727	241.2427	24.8400	38.5100	50.3900	0.5063		
12/10/2018	95.3254	0.9309	0.2517	1.1715	3.5995	241.0051	21.7300	38.5300	50.3900	0.4973		
12/11/2018	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		
12/13/2018	95.0485	0.9599	0.2524	1.2123	4.0234	242.1200	22.5300	38.6800	50.4700	0.6325		
12/14/2018	94.9143	0.8775	0.2642	1.1371	4.0703	243.1008	22.8300	38.7100	50.5100	0.5874		
12/15/2018	94.9600	0.9334	0.2571	1.1737	3.9452	241.9848	19.3200	38.6200	50.4600	0.5153		
12/16/2018	95.0629	0.9172	0.2510	1.1602	4.0927	243.0517	22.1300	38.7100	50.5000	0.5424		
12/17/2018	94.9819	0.8569	0.2468	1.0846	3.9956	240.4661	21.7300	38.6900	50.5400	0.5694		
12/18/2018	94.9583	0.8664	0.2604	1.1016	3.9680	239.4997	23.1300	38.6800	50.5400	0.5694		
12/19/2018	95.0013	0.8787	0.2592	1.1264	3.8501	239.8117	25.2500	38.6400	50.4800	0.5874		
12/20/2018	95.0709	0.8493	0.2600	1.1042	3.8612	243.3979	15.7000	38.6800	50.5000	0.4703		
12/21/2018	95.1314	0.8680	0.2531	1.1082	3.7872	241.4382	15.7000	38.6800	50.5300	0.3351		
12/22/2018	95.0249	0.8476	0.2498	1.0807	3.8772	237.2538	15.7000	38.7700	50.6100	0.3532		
12/23/2018	95.2773	0.8726	0.2712	1.1406	3.5965	242.5294	15.7000	38.6200	50.5000	0.3261		
12/24/2018	95.2912	0.9121	0.2736	1.1733	3.5023	227.4147	15.7000	38.4900	50.3600	0.2901		
12/25/2018	95.9367	0.9812	0.7018	1.4167	3.6879	245.2177	15.7000	38.5400	50.4400	0.2180		
12/26/2018	95.4032	0.9838	0.2785	1.2431	3.5728	229.1826	15.7000	38.5500	50.3700	0.4162		
12/27/2018	95.2755	0.9669	0.2680	1.2306	3.6201	241.7543	15.7000	38.5600	50.3800	0.3802		
12/28/2018	95.2275	0.9272	0.2609	1.1682	4.0682	244.1555	15.7000	38.7600	50.5500	0.2721		
12/29/2018	95.4608	0.9534	0.2375	1.1836	3.7888	244.5562	15.7000	38.6600	50.4800	0.3892		
12/30/2018	95.4990	0.9660	0.2093	1.1690	3.7144	245.8976	15.7000	38.7200	50.5500	0.3802		
12/31/2018	95.0435	0.9512	0.2212	1.1712	3.6574	242.8160	15.7000	38.6900	50.4900	0.3982		

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Mínimo	94.9143	0.8476	0.2093	1.0807	3.4855	227.4147	15.7000	38.4500	50.3600	0.2180		
Promedio	95.2181	0.9165	0.2758	1.1721	3.7681	241.4588	20.5294	38.6190	50.4613	0.6557		
Máximo	95.9367	0.9838	0.7018	1.4167	4.0927	245.8976	31.5800	38.7700	50.6100	7.2732		
Desv. Est.	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.

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

<b>PERMISIONARIO:</b>	<b>CONSORCIO MEXI-GAS, S.A. de C.V.</b>	
<b>PUNTO DE MEDICIÓN:</b>	<b>Venta de Carpio</b>	
<b>ZONA DE MEDICIÓN:</b>	<b>SUR</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> )	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>
12/1/2018	94.9821	0.8383	0.1986	1.0662	3.2090	200.6372	16.3000	38.3800	50.2600	0.1730		
12/2/2018	95.1378	0.8317	0.2493	1.0911	3.2042	198.2048	16.4000	38.3500	50.2500	0.1099		
12/3/2018	94.9347	0.8227	0.2459	1.0687	3.2203	220.7397	0.6200	38.3700	50.2500	0.1099		
12/4/2018	94.8296	0.8451	0.2478	1.1127	3.2412	222.1839	16.2000	38.4200	50.2900	0.1099		
12/5/2018	94.8017	0.8416	0.2321	1.0897	3.1902	222.0400	15.0900	38.3900	50.2600	0.2540		
12/6/2018	94.7983	0.8549	0.2253	1.0871	3.4400	222.9551	14.8900	38.4700	50.3300	0.2540		
12/7/2018	94.7652	0.8399	0.2374	1.0946	3.4101	200.8992	16.4000	38.4600	50.3200	0.3081		
12/8/2018	94.8237	0.8219	0.2500	1.0744	3.4300	201.3700	16.4000	38.4500	50.3100	0.2721		
12/9/2018	94.9881	0.8397	0.2366	1.0852	3.4012	200.3875	16.8000	38.4200	50.2800	0.2540		
12/10/2018	95.0297	0.8467	0.2182	1.0755	3.3214	199.4344	13.9900	38.4300	50.3000	0.3261		
12/11/2018	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		
12/13/2018	94.4991	0.8520	0.2129	1.0758	3.5580	221.0782	15.4000	38.5100	50.3300	0.2631		
12/14/2018	94.5184	0.8293	0.2218	1.0575	3.7110	222.0653	13.1900	38.5700	50.4000	0.2360		
12/15/2018	94.6711	0.8471	0.2154	1.0675	3.6530	201.4935	13.1900	38.5300	50.3600	0.2540		
12/16/2018	94.4864	0.8121	0.2008	1.0144	3.5568	223.0317	13.0800	38.5400	50.3700	0.3171		
12/17/2018	94.6652	0.7816	0.1991	1.0022	3.6883	201.7956	13.6900	38.6000	50.4600	0.2180		
12/18/2018	94.7034	0.7891	0.2121	1.0065	3.6672	199.5953	14.3900	38.5900	50.4400	0.3802		
12/19/2018	94.7681	0.8097	0.2337	1.0502	3.6279	199.6141	14.5900	38.5600	50.4000	0.3712		
12/20/2018	94.7210	0.8053	0.2301	1.0473	3.5552	223.3646	14.4900	38.5200	50.3900	0.3712		
12/21/2018	94.7726	0.7967	0.2117	1.0165	3.4538	226.0611	15.4000	38.5400	50.4000	0.1549		
12/22/2018	94.7108	0.7558	0.2114	0.9720	3.5399	224.9496	15.4000	38.6100	50.4700	0.1730		
12/23/2018	95.0088	0.7835	0.2357	1.0241	3.3334	200.9777	15.4000	38.4300	50.3200	0.2000		
12/24/2018	95.0899	0.8542	0.2417	1.1096	3.3073	199.5405	15.4000	38.4000	50.2800	0.1369		
12/25/2018	94.8875	0.6595	0.2271	0.9541	2.7664	195.2123	15.5000	38.2700	50.1400	0.1009		
12/26/2018	94.9564	0.8924	0.2378	1.1411	3.2317	195.3291	15.5000	38.2900	50.1600	0.1279		
12/27/2018	94.8846	0.8817	0.2226	1.1224	3.3743	220.9252	15.5000	38.3800	50.2300	0.1730		
12/28/2018	94.4485	0.8204	0.2194	1.0509	3.3935	223.2595	15.5000	38.4400	50.3200	0.1549		
12/29/2018	94.7394	0.8451	0.1887	1.0435	3.1728	238.3001	15.5000	38.4600	50.3100	0.1820		
12/30/2018	94.8159	0.8215	0.1798	1.0067	3.0167	240.5270	15.5000	38.4500	50.3400	0.2090		
12/31/2018	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.