

Anexo 1

**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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.8 MÍN.	47.3 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/04/2016	91.9751	0.4844	3.3367	3.8212	3.6608	262.9650	85.6570	37.6863	48.7535	1.2936		
02/04/2016	91.2119	0.4382	3.8599	4.2982	3.9753	261.7261	74.7411	37.5718	48.4914	1.6651		
03/04/2016	91.5687	0.4767	3.4642	3.9409	3.9874	260.6987	78.0297	37.6987	48.7115	1.5852		
04/04/2016	92.2324	0.5465	2.9805	3.5270	3.8550	259.3816	83.4872	37.7364	48.8977	1.4401		
05/04/2016	92.9952	0.5528	2.5966	3.1494	3.5081	259.7149	60.4340	37.7592	49.0730	1.1969		
06/04/2016	92.6746	0.5275	2.6012	3.1287	3.7914	259.6945	54.2433	37.8815	49.1599	1.1805		
07/04/2016	92.7960	0.5432	2.6232	3.1664	3.7002	259.4596	56.9840	37.7998	49.0920	1.2505		
08/04/2016	93.3483	0.5611	2.2656	2.8267	3.4857	260.1143	50.2422	37.8728	49.2798	1.2057		
09/04/2016	92.6109	0.5329	2.5006	3.0335	3.8763	260.6921	51.9777	37.9948	49.2660	1.3277		
10/04/2016	93.2275	0.5946	2.1052	2.6998	3.7126	259.8706	59.3099	37.9944	49.3993	1.1860		
11/04/2016	93.4610	0.5971	2.1680	2.7651	3.4366	260.4962	48.4915	37.8802	49.3021	1.1797		
12/04/2016	93.9437	0.6124	1.8675	2.4800	3.2535	260.1363	48.2599	37.9260	49.4520	1.1366		
13/04/2016	94.3791	0.6721	1.4380	2.1101	3.1788	260.0067	43.7163	38.0497	49.6751	0.9047		
14/04/2016	94.3529	0.6466	1.5030	2.1496	3.1588	260.7689	42.5118	38.0359	49.6557	0.9047		
15/04/2016	93.5175	0.4944	2.3340	2.8283	3.3123	262.1223	46.7063	37.8253	49.2665	0.9047		
16/04/2016	92.3152	0.5688	2.7901	3.3589	3.7820	261.2378	59.7296	37.8923	49.0558	0.9047		
17/04/2016	92.2777	0.5873	2.9670	3.5542	3.6349	261.9419	62.8652	37.7824	48.9020	16.5210		
18/04/2016	92.5897	0.6076	2.8703	3.4778	3.4373	261.7393	78.0008	37.7275	48.8985	19.9637		
19/04/2016	93.0176	0.5671	2.6800	3.2470	3.2774	262.0907	66.6493	37.7402	49.0145	19.8267		
20/04/2016	92.8102	0.5272	2.7943	3.3215	3.4313	261.7465	65.1056	37.7397	48.9913	4.0936		
21/04/2016	92.5782	0.4699	3.1434	3.6133	3.4435	260.5678	65.6046	37.5782	48.7820	1.5574		
22/04/2016	92.8503	0.4525	3.0057	3.4582	3.3374	260.9190	62.3230	37.5988	48.8655	1.6309		
23/04/2016	93.2634	0.5026	2.6223	3.1248	3.2646	260.6598	56.2787	37.7012	49.0611	1.4256		
24/04/2016	93.0613	0.5165	2.6517	3.1682	3.4269	260.3387	51.1923	37.7264	49.0532	1.4935		
25/04/2016	92.9585	0.5331	2.6897	3.2227	3.4835	259.9473	52.1287	37.7189	49.0214	1.4501		
26/04/2016	92.9940	0.5032	2.8858	3.3890	3.2831	260.1847	54.7978	37.5980	48.8838	1.2152		
27/04/2016	93.0639	0.4634	2.9132	3.3766	3.2446	259.9852	54.6544	37.5786	48.8871	1.5098		
28/04/2016	92.7948	0.4683	3.0756	3.5439	3.3099	260.7472	55.8200	37.5641	48.8047	1.9072		
29/04/2016	93.1305	0.5005	2.8085	3.3090	3.2368	260.4753	66.8832	37.6096	48.9268	1.6289		
30/04/2016	92.3495	0.4793	3.3820	3.8613	3.4527	260.7116	59.7991	37.4717	48.6093	1.7200		

\*/ 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>	91.2119	0.4382	1.4380	2.1101	3.1588	259.3816	42.5118	37.4717	48.4914	0.9047		
<b>Promedio</b>	92.8783	0.5343	2.6975	3.2317	3.4980	260.7047	59.8875	37.7580	49.0411	3.1737		
<b>Máximo</b>	94.3791	0.6721	3.8599	4.2982	3.9874	262.9650	85.6570	38.0497	49.6751	19.9637		
<b>Desv. Est.</b>	0.69415	0.05885	0.53406	0.48794	0.24307	0.88811	11.27355	0.15301	0.28045	5.34223		

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

Anexo 1

**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.
01/04/2016	92.9061	0.5266	4.0110	4.5088	4.0325	264.6452	99.0507	39.2908	50.7057	2.2438		
02/04/2016	92.8526	0.5050	4.3994	4.7883	4.3149	265.0936	92.5653	39.2817	50.6945	2.7542		
03/04/2016	92.3533	0.5668	4.6036	4.9697	4.2432	262.6553	91.3861	39.2937	50.7099	2.6662		
04/04/2016	94.6234	0.7482	3.3737	3.9019	4.0701	259.9661	110.4494	39.2885	50.7011	2.4110		
05/04/2016	94.9943	0.6116	2.9635	3.4863	4.1096	262.0688	74.0915	39.2886	50.7036	1.9710		
06/04/2016	93.2201	0.5745	2.8866	3.3868	4.2500	261.2756	77.2360	39.2842	50.6960	1.9270		
07/04/2016	93.3198	0.6100	2.9672	3.4838	4.3313	260.1495	60.7275	39.2847	50.6969	1.9710		
08/04/2016	93.7380	0.6232	2.4894	3.0514	4.1167	260.8398	56.7969	39.2883	50.7004	1.8566		
09/04/2016	93.4059	0.5731	2.6632	3.1916	4.5794	261.8799	75.2707	39.2860	50.6997	2.1030		
10/04/2016	93.5864	0.6344	2.5602	3.1053	4.1554	262.5366	76.4499	39.2894	50.7008	1.8830		
11/04/2016	93.7053	0.6699	2.3830	2.9448	3.8424	261.8989	51.3924	39.2887	50.7017	2.1470		
12/04/2016	94.1532	0.6541	2.0060	2.6249	3.7120	260.8183	52.4733	39.2916	50.7061	1.8830		
13/04/2016	94.7746	0.7349	1.7141	2.3215	3.3132	262.2573	47.4618	39.2835	50.6953	1.7599		
14/04/2016	95.6928	0.8792	2.0613	2.6076	3.2948	263.5229	321.5218	39.2841	50.6981	0.0264		
15/04/2016	96.8111	0.5639	2.6469	3.1402	3.7338	265.6338	54.1438	39.2882	50.7015	0.0088		
16/04/2016	93.2251	0.6206	3.4641	4.0289	4.3906	263.3453	63.5772	39.2847	50.6963	0.0088		
17/04/2016	92.8047	0.6412	3.5042	4.0499	3.9052	266.6505	70.5540	39.2878	50.6978	28.8264		
18/04/2016	93.2091	0.6961	3.3691	3.9510	3.6441	264.2965	83.5249	39.2879	50.7007	28.8264		
19/04/2016	93.3481	0.6390	3.1629	3.6990	3.5084	263.2504	75.2707	39.2867	50.7000	28.8264		
20/04/2016	93.0224	0.5553	3.0555	3.5792	3.5181	265.7618	88.3399	39.2944	50.7099	28.8264		
21/04/2016	94.9746	0.6961	3.6201	4.0377	3.5662	262.5859	86.4729	39.2872	50.7033	3.0885		
22/04/2016	94.4646	0.4984	3.5634	3.9533	3.5341	261.5486	84.1145	39.2818	50.6915	2.7102		
23/04/2016	93.7532	0.5315	2.9437	3.4523	3.3741	261.4409	70.1609	39.2894	50.7015	2.5870		
24/04/2016	93.3032	0.5761	2.8212	3.3252	3.6233	261.0946	74.3863	39.2858	50.6996	2.2878		
25/04/2016	93.1807	0.5692	3.0365	3.5385	3.6410	261.3219	72.4210	39.2881	50.7012	2.1910		
26/04/2016	93.3639	0.5528	3.1792	3.6925	3.4222	261.2812	60.3345	39.2923	50.7094	1.8478		
27/04/2016	93.4433	0.5092	3.1578	3.5820	3.5668	260.9511	57.0917	39.2906	50.7048	3.2997		
28/04/2016	93.3504	0.5227	3.2825	3.7617	3.4605	262.1022	59.2536	39.2868	50.6983	3.8805		
29/04/2016	93.8276	0.5510	3.2508	3.7128	3.6445	261.6427	79.3978	39.2842	50.6949	2.5694		
30/04/2016	93.0988	0.5282	3.8527	4.3064	4.9881	263.5284	62.4963	39.2859	50.7003	2.5694		

\*/ 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>	92.3533	0.4984	1.7141	2.3215	3.2948	259.9661	47.4618	39.2817	50.6915	0.0088		
<b>Promedio</b>	93.7502	0.6054	3.0998	3.6061	3.8629	262.5348	80.9471	39.2875	50.7007	5.6653		
<b>Máximo</b>	96.8111	0.8792	4.6036	4.9697	4.9881	266.6505	321.5218	39.2944	50.7099	28.8264		
<b>Desv. Est.</b>	0.95175	0.08506	0.65138	0.60696	0.41733	1.72015	47.89744	0.00321	0.00455	9.27894		

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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.8 MÍN.	47.3 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/04/2016	90.9118	0.3871	2.8585	3.3400	3.2191	261.0331	72.2245	37.5272	48.3560	0.8007		
02/04/2016	90.3194	0.3745	3.0281	3.4290	3.2282	259.8233	66.3286	37.4069	48.1944	1.0383		
03/04/2016	90.1827	0.3577	2.6940	3.2067	3.7502	259.3098	67.4095	37.3772	48.1434	1.0647		
04/04/2016	91.6609	0.4902	0.9704	1.7187	3.3429	258.7060	62.6928	37.5573	48.6325	0.8359		
05/04/2016	92.4275	0.5198	1.2146	1.8262	2.8557	258.6195	48.0514	37.6184	48.8494	0.8359		
06/04/2016	92.0322	0.4903	2.3600	2.8903	3.4177	258.8831	50.9993	37.7110	48.9989	0.7743		
07/04/2016	91.9330	0.4931	2.2375	2.8016	3.4987	258.5315	49.7219	37.6562	48.8797	0.8535		
08/04/2016	92.6177	0.5307	1.7613	2.3845	3.2584	259.3684	47.1670	37.7422	49.1014	0.7391		
09/04/2016	91.6758	0.5052	2.1521	2.6966	3.4852	259.2671	47.3635	37.8230	49.1095	0.8359		
10/04/2016	92.3271	0.5451	1.9707	2.5583	3.4546	258.8945	48.6410	37.8985	49.2194	0.6599		
11/04/2016	93.0937	0.5484	1.8419	2.4602	3.3047	259.9122	44.7104	37.7614	49.1649	0.7919		
12/04/2016	93.2330	0.5740	1.7073	2.3156	3.1941	259.4447	44.3173	37.8588	49.3650	0.7655		
13/04/2016	94.0974	0.6073	1.0877	1.8120	3.0027	259.5137	38.9128	37.9422	49.5398	0.7655		
14/04/2016	93.9186	0.5452	0.2034	1.0711	2.8132	260.1023	38.9128	37.8351	49.3589	0.7655		
15/04/2016	92.8565	0.4437	0.4160	0.9737	1.9347	260.4508	38.4215	37.7028	49.0850	0.7655		
16/04/2016	89.9974	0.5266	2.3415	2.9146	3.3864	259.2532	53.8490	37.6000	48.7632	0.7655		
17/04/2016	91.6236	0.5363	2.5039	3.1416	3.4065	261.1065	56.8952	37.5704	48.5805	0.7655		
18/04/2016	91.9492	0.5552	2.2059	2.8504	3.3093	261.2094	69.0800	37.5502	48.6027	0.7655		
19/04/2016	92.4672	0.5158	2.2858	2.9235	3.1619	261.1701	61.8084	37.5576	48.7140	0.7655		
20/04/2016	92.4651	0.5108	2.6728	3.1939	3.2443	260.3450	53.0629	37.6498	48.8645	0.7655		
21/04/2016	92.0694	0.4137	0.9976	1.6937	2.9801	259.7166	59.4501	37.4220	48.5170	1.0207		
22/04/2016	92.1772	0.3899	2.0144	2.4825	2.7344	260.4247	58.7622	37.4504	48.5734	1.0999		
23/04/2016	92.8781	0.4748	2.3513	2.8704	3.0134	260.1158	49.0340	37.5814	48.8425	0.5808		
24/04/2016	92.8816	0.4681	2.4191	2.9836	3.2950	259.7946	46.4792	37.6410	48.9344	0.7479		
25/04/2016	92.5812	0.5000	2.4319	2.9909	3.2634	259.2914	43.3347	37.5977	48.8201	1.0119		
26/04/2016	92.6835	0.4696	2.5836	3.1088	3.1119	259.5679	50.2132	37.4826	48.6778	0.5632		
27/04/2016	92.6177	0.4187	2.7203	3.1834	3.0237	258.7979	46.3809	37.4559	48.7292	0.8359		
28/04/2016	92.4236	0.4281	2.6143	3.0994	3.1063	259.8905	52.2768	37.4037	48.6104	1.2495		
29/04/2016	92.3643	0.4488	2.2760	2.8051	2.9881	259.8167	57.5831	37.4609	48.6679	1.0999		
30/04/2016	90.6209	0.4516	3.0177	3.5070	3.0091	260.0165	56.6004	37.2734	48.3026	1.1967		

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<b>Mínimo</b>	89.9974	0.3577	0.2034	0.9737	1.9347	258.5315	38.4215	37.2734	48.1434	0.5632		
<b>Promedio</b>	92.1696	0.4840	2.0647	2.6411	3.1598	259.7459	52.6895	37.6038	48.8066	0.8509		
<b>Máximo</b>	94.0974	0.6073	3.0281	3.5070	3.7502	261.2094	72.2245	37.9422	49.5398	1.2495		
<b>Desv. Est.</b>	0.99047	0.06258	0.73251	0.66040	0.32248	0.76056	9.07458	0.16684	0.34232	0.16936		

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