

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

PERMISIONARIO: **NATGASMEX, S.A. DE C.V.**
 PUNTO DE MEDICIÓN: **Tetla**
 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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	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.
01/07/2018	94.8750	0.6863	0.2254	0.9117	3.8190	257.8249	35.8200	39.4800	51.6100	0.0355	<10.8	0.00
02/07/2018	94.9564	0.6940	0.2225	0.9165	3.7372	257.9438	35.8200	39.4500	51.5700	0.0217		
03/07/2018	95.0501	0.7232	0.2318	0.9549	3.6571	256.7269	35.8200	39.3900	51.5100	0.0340		
04/07/2018	95.1853	0.6687	0.2290	0.8977	3.6082	257.2795	35.8100	39.3800	51.5400	0.0633		
05/07/2018	95.4287	0.5603	0.2091	0.7694	3.4709	255.9609	35.8100	39.3800	51.6400	0.0605		
06/07/2018	95.6878	0.5351	0.2022	0.7373	3.2592	258.3142	35.8000	39.3400	51.6300	0.0662		
07/07/2018	95.7613	0.5095	0.1932	0.7027	3.2153	255.3353	35.8100	39.3200	51.6400	0.0456		
08/07/2018	95.9341	0.5312	0.2039	0.7351	3.0541	252.1807	35.8100	39.2600	51.6000	0.0268		
09/07/2018	95.7959	0.6175	0.2052	0.8226	3.0967	255.3301	35.8100	39.2400	51.5100	0.0183		
10/07/2018	95.7720	0.5933	0.2124	0.8057	3.1242	254.8810	35.8100	39.2500	51.5300	0.0032		
11/07/2018	95.9754	0.5761	0.1993	0.7754	2.9865	248.8177	35.8100	39.2100	51.5100	0.0032		
12/07/2018	95.9089	0.6398	0.2178	0.8575	2.9794	255.2600	32.5700	39.1800	51.4700	0.0004		
13/07/2018	95.8329	0.6490	0.2147	0.8636	3.0041	253.4847	31.4200	39.2000	51.4700	0.0004		
14/07/2018	95.8649	0.6504	0.2174	0.8678	3.0031	253.9428	31.3700	39.1900	51.4800	0.0004		
15/07/2018	95.8880	0.6016	0.2133	0.8149	3.0197	240.4247	31.0800	39.2300	51.5000	0.0004		
16/07/2018	95.8837	0.5938	0.2091	0.8029	3.0093	242.8297	31.3100	39.2300	51.5300	0.0004		
17/07/2018	95.8227	0.6446	0.2208	0.8654	2.9956	254.9198	31.0000	39.1900	51.4700	0.0004		
18/07/2018	95.8308	0.6558	0.2229	0.8787	3.0085	255.6179	31.5000	39.1700	51.4400	0.0004		
19/07/2018	95.7998	0.7092	0.2127	0.9219	3.0122	255.8920	32.9700	39.1500	51.3900	0.0018		
20/07/2018	95.9282	0.6605	0.2155	0.8760	2.9172	251.8642	32.8600	39.1600	51.4200	0.0018		
21/07/2018	95.8973	0.6142	0.2213	0.8355	3.0077	256.5087	33.2200	39.1900	51.4900	0.0018		
22/07/2018	95.6419	0.6938	0.2252	0.9189	3.2010	257.5522	33.6600	39.2000	51.4200	0.0018		
23/07/2018	95.7033	0.6382	0.2138	0.8520	3.2008	257.6924	34.6200	39.2400	51.4900	0.0018		
24/07/2018	96.0435	0.5756	0.2450	0.8206	2.8620	257.2939	35.4500	39.1500	51.4900	0.0021		
25/07/2018	96.1014	0.5749	0.2221	0.7970	2.8532	255.5762	35.3300	39.1600	51.4900	0.0005		
26/07/2018	96.0666	0.5864	0.2304	0.8168	2.8505	254.2963	33.7900	39.1500	51.4600	0.0005		
27/07/2018	96.1826	0.6616	0.2334	0.8951	2.6996	255.0252	32.6600	39.0500	51.3800	0.0005		
28/07/2018	96.2345	0.6942	0.2234	0.9177	2.6075	255.3829	32.5700	39.0200	51.3400	0.0005		
29/07/2018	96.1802	0.6799	0.2318	0.9117	2.6670	254.9554	32.3400	39.0600	51.3500	0.0005		
30/07/2018	96.2194	0.6742	0.2286	0.9029	2.6345	253.4004	32.1700	39.0400	51.3600	0.0005		
31/07/2018	96.2230	0.6589	0.2313	0.8902	2.6722	256.2980	32.2000	39.0500	51.3800	0.0005		

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

Mínimo	94.8750	0.5095	0.1932	0.7027	2.6075	240.4247	31.0000	39.0200	51.3400	0.0004		
Promedio	95.7960	0.6307	0.2189	0.8496	3.0720	254.4778	33.8071	39.2165	51.4874	0.0128		
Máximo	96.2345	0.7232	0.2450	0.9549	3.8190	258.3142	35.8200	39.4800	51.6400	0.0662		
Desv. Est.	0.35860	0.05590	0.01148	0.06308	0.31444	3.98438	1.84532	0.11740	0.08406	0.02087		

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

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

PERMISIONARIO: NATGASMEX, S.A. DE C.V.
 PUNTO DE MEDICIÓN: Tetla
 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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	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.
01/07/2018	95.1280	0.7367	0.2471	0.9486	3.9651	262.6031	35.9000	39.5600	51.6400	0.1459		
02/07/2018	95.1521	0.7192	0.2464	0.9355	3.9604	263.2101	35.9000	39.5600	51.6400	0.1189		
03/07/2018	95.2330	0.7669	0.2522	1.0018	3.7858	260.8741	35.9000	39.4500	51.5700	0.1009		
04/07/2018	95.5051	0.7666	0.2631	0.9983	3.9179	262.1689	35.9000	39.4800	51.7300	0.1369		
05/07/2018	95.6243	0.5897	0.2406	0.8156	3.6124	260.0309	35.9000	39.4500	51.7000	0.1639		
06/07/2018	96.4158	0.6089	0.2351	0.8043	3.4895	263.2886	35.9000	39.4800	51.7000	0.1639		
07/07/2018	95.9728	0.5863	0.2310	0.7709	3.4165	260.0613	35.9000	39.4000	51.7300	0.1369		
08/07/2018	96.0757	0.6097	0.2414	0.7978	3.1913	258.6443	35.9000	39.3100	51.6500	0.1549		
09/07/2018	96.0406	0.6804	0.2364	0.8878	3.2193	261.6826	35.9000	39.2900	51.5800	0.1279		
10/07/2018	96.0023	0.6524	0.2457	0.8672	3.4051	259.6857	35.9000	39.3700	51.5800	0.1009		
11/07/2018	96.1535	0.6155	0.2231	0.8178	3.2752	258.5676	35.9000	39.2800	51.5700	0.0919		
12/07/2018	95.9565	0.6795	0.2349	0.9082	3.0961	259.1964	35.9000	39.2600	51.5700	0.1459		
13/07/2018	95.9317	0.6573	0.2265	0.8762	3.0402	259.9417	56.8000	39.2700	51.5100	0.1009		
14/07/2018	95.9466	0.6641	0.2296	0.8859	3.0386	258.9457	48.2600	39.2100	51.4800	0.0828		
15/07/2018	95.9988	0.6787	0.2314	0.9070	3.0895	259.8306	33.8900	39.2500	51.5600	0.0919		
16/07/2018	96.0539	0.6767	0.2279	0.9038	3.0807	259.1488	33.2900	39.2500	51.5600	0.0648		
17/07/2018	95.9311	0.6680	0.2336	0.8938	3.0614	259.8890	33.9900	39.2200	51.4800	13.1210		
18/07/2018	95.9227	0.6944	0.2326	0.9214	3.0799	259.4496	56.4000	39.2200	51.5000	0.1099		
19/07/2018	95.8901	0.7478	0.2245	0.9623	3.0960	260.1026	37.2000	39.2000	51.4400	0.0919		
20/07/2018	96.0660	0.7277	0.2449	0.9658	2.9796	260.1720	34.8900	39.2500	51.5400	0.0738		
21/07/2018	96.2298	0.6782	0.2651	0.9005	3.1974	260.1175	37.1000	39.4200	51.6600	0.0738		
22/07/2018	95.9351	0.7371	0.2507	0.9846	3.2698	261.7649	35.7000	39.2400	51.5100	0.0828		
23/07/2018	95.9193	0.7512	0.2427	0.9763	3.3414	261.2682	38.1100	39.3000	51.5900	0.0828		
24/07/2018	96.2341	0.5998	0.2827	0.8716	3.0592	261.1847	38.5100	39.2300	51.5400	0.1189		
25/07/2018	96.1986	0.6265	0.2404	0.8669	2.9174	260.2339	37.6100	39.2400	51.6300	0.1009		
26/07/2018	96.1703	0.6489	0.2583	0.9029	2.9639	259.9105	36.4000	39.2100	51.5600	0.0738		
27/07/2018	96.2961	0.6930	0.2529	0.9276	2.7542	260.1385	37.5100	39.0900	51.4100	0.1009		
28/07/2018	96.2889	0.7193	0.2352	0.9468	2.6901	260.2133	34.4900	39.1400	51.3800	0.1009		
29/07/2018	96.2951	0.7145	0.2520	0.9469	2.7465	261.3283	38.4100	39.0900	51.3900	0.0919		
30/07/2018	96.3389	0.7031	0.2496	0.9331	2.7467	260.8112	33.9900	39.0900	51.3900	0.0828		
31/07/2018	96.2542	0.6808	0.2420	0.9100	2.7049	259.6233	42.3300	39.0800	51.4000	0.0828		

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Mínimo	95.1280	0.5863	0.2231	0.7709	2.6901	258.5676	33.2900	39.0800	51.3800	0.0648		
Promedio	95.9729	0.6800	0.2426	0.9044	3.1997	260.4544	37.9252	39.2868	51.5545	0.5264		
Máximo	96.4158	0.7669	0.2827	1.0018	3.9651	263.2886	56.8000	39.5600	51.7300	13.1210		
Desv. Est.	0.33164	0.05218	0.01322	0.05923	0.35815	1.23136	5.69246	0.13378	0.10145	2.33763		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

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

PERMISIONARIO: **NATGASMEX, S.A. DE C.V.**
 PUNTO DE MEDICIÓN: **Tetla**
 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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	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.
01/07/2018	94.6787	0.6575	0.1916	0.8885	3.5913	254.2792	35.7000	39.4100	51.5600	0.0108		
02/07/2018	94.6803	0.6617	0.1916	0.8894	3.5648	254.5668	35.7000	39.3800	51.5300	0.0018		
03/07/2018	94.9283	0.6861	0.2040	0.9142	3.5230	253.2304	35.7000	39.3100	51.4400	0.0018		
04/07/2018	94.9102	0.5093	0.1838	0.6945	3.2612	252.9169	35.7000	39.2800	51.4500	0.0018		
05/07/2018	95.2772	0.5206	0.1644	0.7227	3.3031	252.3526	35.7000	39.3200	51.5900	0.0108		
06/07/2018	95.3304	0.4371	0.1612	0.5996	2.6368	254.4282	35.7000	39.2500	51.5700	0.0004		
07/07/2018	95.5005	0.4285	0.1503	0.5913	3.1107	252.5496	35.7000	39.2600	51.5600	0.0018		
08/07/2018	95.7379	0.4802	0.1742	0.6798	2.9332	198.0921	35.7000	39.2000	51.5100	0.0004		
09/07/2018	95.6775	0.5494	0.1787	0.7498	2.9248	250.5693	35.7000	39.2000	51.4500	0.0004		
10/07/2018	95.4462	0.5367	0.1861	0.7383	2.9643	251.1918	35.7000	39.1800	51.4700	0.0004		
11/07/2018	95.6441	0.5484	0.1764	0.7277	2.8537	197.8155	35.7000	39.1700	51.5000	0.0004		
12/07/2018	95.7033	0.5597	0.2029	0.7665	2.9188	252.3386	30.2700	39.1600	51.4400	0.0004		
13/07/2018	95.8037	0.6353	0.2053	0.8444	2.9521	198.4497	25.8500	39.1600	51.4500	0.0018		
14/07/2018	95.7883	0.6385	0.2055	0.8482	2.9234	199.1742	24.1400	39.1600	51.4400	0.0018		
15/07/2018	95.7029	0.5496	0.1853	0.7557	2.9606	198.2793	26.5500	39.1800	51.4400	0.0004		
16/07/2018	95.7153	0.5531	0.1848	0.7539	2.9107	198.0383	26.5500	39.1900	51.4400	0.0004		
17/07/2018	95.7745	0.6344	0.2073	0.8448	2.9397	251.5047	26.3500	39.1600	51.4400	0.0004		
18/07/2018	95.7691	0.6138	0.2074	0.8369	2.9343	251.6516	26.0500	39.1400	51.3900	0.0004		
19/07/2018	95.6889	0.6695	0.1999	0.8792	2.9511	199.2006	25.8500	39.1300	51.3600	0.0018		
20/07/2018	95.7104	0.5661	0.1827	0.7514	2.8352	198.4261	26.0500	39.1100	51.3700	0.0004		
21/07/2018	95.6788	0.5290	0.1951	0.7502	2.6918	252.4418	24.0400	39.0900	51.4200	0.0004		
22/07/2018	95.5328	0.6259	0.2008	0.8292	2.9738	254.0162	27.0500	39.1600	51.3700	0.0004		
23/07/2018	95.5850	0.5648	0.1877	0.7772	3.0207	254.8307	27.4600	39.1600	51.3700	0.0018		
24/07/2018	95.8774	0.5536	0.2040	0.7731	2.6609	254.4845	26.7500	39.0800	51.4100	0.0004		
25/07/2018	95.9913	0.4670	0.1798	0.6468	2.7951	199.1701	28.0600	39.1200	51.4300	0.0004		
26/07/2018	95.9220	0.5292	0.2014	0.7350	2.7460	198.0532	25.9500	39.0800	51.3900	0.0004		
27/07/2018	96.0762	0.6280	0.2106	0.8578	2.5739	197.9600	25.5500	39.0100	51.3300	0.0004		
28/07/2018	96.1196	0.6717	0.2123	0.8915	2.5771	197.6053	25.7500	39.0100	51.3000	0.0004		
29/07/2018	96.0916	0.6469	0.2139	0.8783	2.5695	197.2121	26.2500	39.0100	51.3100	0.0004		
30/07/2018	96.1038	0.6481	0.2105	0.8805	2.5314	197.7309	25.5500	39.0100	51.3200	0.0004		
31/07/2018	96.1606	0.6378	0.2167	0.8694	2.6071	253.6840	21.7300	39.0400	51.3500	0.0004		

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Mínimo	94.6787	0.4285	0.1503	0.5913	2.5314	197.2121	21.7300	39.0100	51.3000	0.0004		
Promedio	95.6325	0.5786	0.1928	0.7860	2.9271	228.2659	29.5000	39.1652	51.4323	0.0014		
Máximo	96.1606	0.6861	0.2167	0.9142	3.5913	254.8307	35.7000	39.4100	51.5900	0.0108		
Desv. Est.	0.39447	0.07177	0.01662	0.08804	0.28364	27.72821	4.85921	0.10379	0.07805	0.00258		

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