

**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 <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>
01/06/2018	95.2954	0.6909	0.2300	0.9209	3.4593	233.2903	31.9500	39.3400	51.5000	0.2737		
02/06/2018	95.4410	0.7081	0.2204	0.9285	3.2935	254.9974	32.4100	39.2800	51.4800	0.1342		
03/06/2018	95.3750	0.7096	0.2292	0.9388	3.3600	252.7676	32.8500	39.3000	51.4800	0.1666		
04/06/2018	95.3823	0.6616	0.2217	0.8832	3.3848	234.4269	32.9400	39.3400	51.5200	0.2262		
05/06/2018	95.4159	0.6776	0.2241	0.9017	3.3283	252.3113	34.2500	39.3200	51.5100	0.2261		
06/06/2018	95.3688	0.6981	0.2347	0.9328	3.3610	253.3372	36.1300	39.3000	51.4900	0.2333		
07/06/2018	95.3717	0.6927	0.2308	0.9234	3.3800	255.4329	35.6800	39.3200	51.4900	0.2710		
08/06/2018	95.1931	0.6624	0.2238	0.8861	3.5306	256.4345	36.8200	39.4100	51.5700	0.2455		
09/06/2018	94.7154	0.6452	0.2153	0.8605	3.7148	256.5818	36.5400	39.6900	51.7300	0.2452		
10/06/2018	94.9133	0.6914	0.2194	0.9109	3.5251	256.6813	35.8600	39.5700	51.6400	0.2678		
11/06/2018	95.0208	0.6593	0.2166	0.8759	3.4484	252.8701	35.8400	39.5700	51.6700	0.2324		
12/06/2018	94.8940	0.6533	0.2168	0.8701	3.5336	251.5857	33.1800	39.6200	51.7000	0.1776		
13/06/2018	94.9595	0.6729	0.2223	0.8952	3.5143	255.1475	31.7800	39.5500	51.6500	0.1629		
14/06/2018	94.9884	0.6783	0.2134	0.8917	3.4997	253.2185	32.2100	39.5600	51.6300	0.1611		
15/06/2018	94.9149	0.6631	0.2200	0.8831	3.5578	251.9421	32.2300	39.5900	51.6600	0.1966		
16/06/2018	95.0268	0.6812	0.2374	0.9186	3.5068	253.6577	32.0000	39.5000	51.5900	0.2140		
17/06/2018	95.0654	0.7002	0.2503	0.9505	3.4349	256.4419	32.5000	39.4600	51.5400	0.1771		
18/06/2018	95.0777	0.6718	0.2288	0.9007	3.5395	256.2446	34.5200	39.4600	51.5900	0.2035		
19/06/2018	95.1527	0.6905	0.2500	0.9405	3.5322	256.8326	34.3900	39.3800	51.5200	0.2221		
20/06/2018	95.1183	0.6761	0.2461	0.9224	3.5703	257.7175	35.4200	39.4100	51.5700	0.2277		
21/06/2018	95.1187	0.6839	0.2491	0.9331	3.5064	257.7675	35.8100	39.4000	51.5300	0.2641		
22/06/2018	95.1875	0.6943	0.2612	0.9555	3.4578	257.4038	35.8200	39.3800	51.5100	0.2413		
23/06/2018	95.2292	0.6925	0.2482	0.9407	3.4468	257.6253	35.8100	39.3600	51.5000	0.2096		
24/06/2018	95.2855	0.6186	0.2286	0.8472	3.4325	258.2632	35.8100	39.4200	51.6100	0.0737		
25/06/2018	95.3051	0.6244	0.2285	0.8529	3.4277	258.4452	35.8100	39.4100	51.6000	0.1363		
26/06/2018	95.1421	0.6981	0.2686	0.9667	3.5354	259.4763	35.8100	39.3600	51.5000	0.1428		
27/06/2018	94.5125	0.7443	0.2565	1.0007	3.9927	258.2265	35.8200	39.5800	51.6000	0.1477		
28/06/2018	94.6699	0.7420	0.2729	1.0150	3.8590	257.5507	35.8100	39.5200	51.5400	0.0935		
29/06/2018	94.6689	0.7496	0.2326	0.9823	3.8955	258.3861	35.8100	39.5100	51.5600	0.0831		
30/06/2018	94.8689	0.6675	0.2404	0.9080	3.7970	257.9112	35.8100	39.4800	51.6100	0.0632		

\*/ 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>	94.5125	0.6186	0.2134	0.8472	3.2935	233.2903	31.7800	39.2800	51.4800	0.0632		
<b>Promedio</b>	95.0893	0.6833	0.2346	0.9179	3.5275	254.4325	34.5873	39.4463	51.5697	0.1907		
<b>Máximo</b>	95.4410	0.7496	0.2729	1.0150	3.9927	259.4763	36.8200	39.6900	51.7300	0.2737		
<b>Desv. Est.</b>	0.24504	0.03027	0.01629	0.04122	0.16779	6.02326	1.67084	0.11012	0.06965	0.06062		

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 <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.
01/06/2018	95.5372	0.7124	0.2427	0.9387	3.5702	267.2484	56.7000	39.4300	51.5600	0.3802		
02/06/2018	95.6064	0.7455	0.2348	0.9761	3.5363	263.0597	40.3200	39.3600	51.5100	0.2540		
03/06/2018	95.4731	0.7592	0.2531	0.9897	3.4774	269.9898	39.7200	39.5200	51.5900	0.2360		
04/06/2018	95.4842	0.6817	0.2348	0.9077	3.5520	264.0489	56.4000	39.3900	51.5700	0.3261		
05/06/2018	95.5531	0.7077	0.2502	0.9443	3.5684	264.2366	46.7500	39.4000	51.5700	0.3351		
06/06/2018	95.5584	0.7423	0.2508	0.9817	3.4929	262.9416	40.1200	39.3600	51.5300	0.3351		
07/06/2018	95.5636	0.7324	0.2481	0.9595	3.5293	261.2283	40.0200	39.4800	51.5800	0.3982		
08/06/2018	95.4302	0.6970	0.2360	0.9195	3.7240	259.2458	41.7300	39.6300	51.7100	0.3712		
09/06/2018	94.9351	0.7445	0.2662	0.9968	4.0297	259.3706	38.7100	39.8000	51.8300	0.3261		
10/06/2018	95.0565	0.7347	0.2586	0.9548	3.7257	259.4375	37.6100	39.7000	51.7800	0.3712		
11/06/2018	95.2685	0.7592	0.2315	0.9806	3.5459	258.8538	41.4300	39.6500	51.7400	0.3532		
12/06/2018	95.0614	0.7131	0.2311	0.9128	3.6871	258.1451	36.9000	39.7600	51.8100	0.2991		
13/06/2018	95.1524	0.7065	0.2378	0.9361	3.6258	257.6370	35.7000	39.6500	51.7200	0.2360		
14/06/2018	95.1227	0.7234	0.2307	0.9466	3.6799	258.4534	57.3000	39.6400	51.7200	0.2631		
15/06/2018	95.0584	0.7846	0.2442	1.0043	3.7278	259.3314	36.1000	39.6600	51.7400	0.2721		
16/06/2018	95.1900	0.7129	0.2497	0.9557	3.5994	260.7143	58.1100	39.6000	51.6600	0.3351		
17/06/2018	95.1836	0.7266	0.2669	0.9774	3.6564	260.0777	58.6100	39.5600	51.6600	0.2540		
18/06/2018	95.3093	0.7019	0.2475	0.9304	3.7165	259.5160	37.9100	39.5900	51.6800	0.2721		
19/06/2018	95.2522	0.7469	0.2699	0.9899	3.7229	261.3176	37.4100	39.4700	51.6000	0.3081		
20/06/2018	95.2034	0.7063	0.2611	0.9517	3.6465	261.1938	331.1700	39.4500	51.5900	29.6912		
21/06/2018	95.2085	0.6965	0.2603	0.9497	3.5948	261.8663	35.9000	39.4300	51.5700	0.3442		
22/06/2018	95.2522	0.7027	0.2732	0.9692	3.5588	260.9984	35.9000	39.4100	51.5400	0.3442		
23/06/2018	95.3620	0.7211	0.2635	0.9697	3.5257	261.5539	35.9000	39.3900	51.5400	0.2991		
24/06/2018	95.5316	0.7620	0.2737	1.0288	3.6332	261.1617	35.9000	39.5600	51.7200	0.2540		
25/06/2018	96.4283	0.7127	0.2607	0.9520	3.7465	262.3246	35.9000	39.5800	51.7400	0.2180		
26/06/2018	95.3799	0.7850	0.3258	1.0959	3.8497	263.3638	35.9000	39.4600	51.5700	0.2270		
27/06/2018	94.8990	0.8253	0.3145	1.1252	4.2989	261.7419	35.9000	39.7200	51.7100	0.2450		
28/06/2018	94.7444	0.7660	0.2903	1.0386	4.0003	261.1716	35.9000	39.6000	51.6100	0.2180		
29/06/2018	94.8530	0.8201	0.2919	1.0561	3.9930	263.7334	35.9000	39.5600	51.6400	0.1820		
30/06/2018	95.0461	0.6782	0.2471	0.9180	3.9090	262.2745	35.9000	39.5400	51.6400	0.1820		

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

Mínimo	94.7444	0.6782	0.2307	0.9077	3.4774	257.6370	35.7000	39.3600	51.5100	0.1820		
Promedio	95.2902	0.7336	0.2582	0.9753	3.6975	261.5412	50.9240	39.5450	51.6477	1.2710		
Máximo	96.4283	0.8253	0.3258	1.1252	4.2989	269.9898	331.1700	39.8000	51.8300	29.6912		
Desv. Est.	0.31672	0.03688	0.02341	0.05141	0.18839	2.63785	53.49897	0.12266	0.08912	5.36804		

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 <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>
01/06/2018	95.1623	0.6705	0.2063	0.8966	3.2202	201.2536	26.6500	39.2700	51.4600	0.1279		
02/06/2018	95.1698	0.6830	0.2058	0.8930	3.1552	201.3540	25.7500	39.2400	51.4400	0.0288		
03/06/2018	95.1647	0.6681	0.2027	0.8729	3.2915	201.3156	25.8500	39.2800	51.4300	0.0828		
04/06/2018	95.2172	0.6401	0.1997	0.8633	3.2977	201.5042	23.6400	39.3100	51.5000	0.1459		
05/06/2018	95.1999	0.6502	0.1933	0.8658	3.1966	201.9363	28.0600	39.2700	51.4600	0.1369		
06/06/2018	95.2309	0.6617	0.2127	0.8971	3.2110	201.4887	28.1600	39.2600	51.4400	0.1279		
07/06/2018	95.2009	0.6572	0.2028	0.8716	3.1923	201.3215	27.9600	39.2400	51.4300	0.1820		
08/06/2018	94.7750	0.6276	0.2097	0.8487	3.3471	253.4401	17.9100	39.3000	51.4900	0.1369		
09/06/2018	94.4658	0.5835	0.1857	0.8094	3.5254	254.0990	28.1600	39.5000	51.5500	0.1639		
10/06/2018	94.6635	0.6194	0.1800	0.8061	3.3784	253.6203	28.7600	39.5200	51.5800	0.1279		
11/06/2018	94.8712	0.6009	0.1796	0.8201	3.2417	206.9423	28.3600	39.3600	51.4800	0.1099		
12/06/2018	94.7077	0.5960	0.1914	0.8111	3.3885	208.1981	25.6500	39.5500	51.6300	0.0738		
13/06/2018	94.7800	0.6401	0.2085	0.8586	3.3560	253.2197	26.7500	39.4600	51.5700	0.0828		
14/06/2018	94.7879	0.6438	0.1987	0.8504	3.3778	207.8374	25.9500	39.4600	51.5600	0.0738		
15/06/2018	94.6690	0.6211	0.1942	0.8332	3.4195	206.9820	25.8500	39.4700	51.5300	0.0828		
16/06/2018	94.8682	0.6584	0.2189	0.8861	3.3594	205.8261	25.9500	39.4200	51.5400	0.0738		
17/06/2018	94.8476	0.6510	0.2311	0.8868	3.3335	254.1962	24.7400	39.4200	51.5300	0.0919		
18/06/2018	94.8147	0.6473	0.1989	0.8710	3.3997	253.3313	25.5500	39.3500	51.5100	0.1099		
19/06/2018	94.9903	0.6540	0.2074	0.8820	3.4181	253.5286	26.8500	39.3300	51.4600	0.1189		
20/06/2018	94.9946	0.6389	0.2312	0.8840	3.4884	254.5756	26.8500	39.3800	51.5200	0.1189		
21/06/2018	95.0427	0.6632	0.2351	0.9013	3.4392	255.5099	35.7000	39.3900	51.5200	0.1639		
22/06/2018	95.0791	0.6811	0.2489	0.9355	3.3978	254.5941	35.7000	39.3400	51.4900	0.1279		
23/06/2018	95.1285	0.6762	0.2312	0.9110	3.3411	255.1178	35.7000	39.3300	51.4800	0.1369		
24/06/2018	95.0387	0.5477	0.2004	0.7555	3.2418	254.7668	35.7000	39.2800	51.4100	0.1369		
25/06/2018	94.9812	0.5146	0.1755	0.6977	2.4952	254.2019	35.7000	39.1900	51.5000	0.0288		
26/06/2018	94.8134	0.6608	0.1974	0.8998	3.3275	256.7424	35.7000	39.3000	51.4000	0.0558		
27/06/2018	94.1457	0.6776	0.2276	0.9052	3.6821	254.0250	35.7000	39.3100	51.3700	0.0558		
28/06/2018	94.4414	0.6939	0.2585	0.9653	3.7918	254.9818	35.7000	39.4800	51.5200	0.0108		
29/06/2018	94.5107	0.6661	0.1910	0.8877	3.7796	255.2968	35.7000	39.4500	51.5000	0.0018		
30/06/2018	94.7612	0.6569	0.2266	0.8933	3.6569	253.3802	35.7000	39.4300	51.5600	0.0018		

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<b>Mínimo</b>	94.1457	0.5146	0.1755	0.6977	2.4952	201.2536	17.9100	39.1900	51.3700	0.0018		
<b>Promedio</b>	94.8841	0.6417	0.2084	0.8653	3.3584	234.1529	29.3467	39.3630	51.4953	0.0973		
<b>Máximo</b>	95.2309	0.6939	0.2585	0.9653	3.7918	256.7424	35.7000	39.5500	51.6300	0.1820		
<b>Desv. Est.</b>	0.26840	0.03990	0.02036	0.05256	0.23052	25.25930	4.95139	0.09473	0.05865	0.04932		

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