

**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)
	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.
01/06/2017	95.8001	0.7100	0.3331	1.0430	2.8424	255.6329	25.7000	39.1400	51.3500	0.0114		
02/06/2017	95.9988	0.6811	0.3212	1.0024	2.6716	255.8468	25.0200	39.1000	51.3400	0.0114		
03/06/2017	96.0240	0.6462	0.3295	0.9757	2.6631	256.6852	25.5600	39.1300	51.3700	0.0114		
04/06/2017	95.8542	0.6323	0.3096	0.9419	2.7922	258.7102	26.2700	39.2300	51.4500	0.0114		
05/06/2017	95.8688	0.6312	0.2982	0.9294	2.8446	256.0775	30.0500	39.1800	51.4500	0.0061		
06/06/2017	96.0000	0.5733	0.2820	0.8553	2.8268	254.0034	22.9400	39.1900	51.5000	0.0061		
07/06/2017	95.9966	0.5271	0.2583	0.7854	2.8674	254.0891	20.9900	39.2400	51.5600	0.0061		
08/06/2017	96.1285	0.5393	0.2584	0.7977	2.7393	255.2161	23.1500	39.1900	51.5200	0.0061		
09/06/2017	96.2335	0.5750	0.2829	0.8579	2.5988	255.3844	25.1100	39.1000	51.4500	0.0061		
10/06/2017	96.2634	0.7119	0.3013	1.0132	2.4126	256.7555	27.2700	39.0200	51.2700	0.0061		
11/06/2017	96.2841	0.7688	0.3082	1.0769	2.3487	256.7039	30.2100	38.9600	51.2100	0.0061		
12/06/2017	96.4057	0.7429	0.3034	1.0463	2.2665	256.0147	26.6400	38.9300	51.2200	0.0061		
13/06/2017	96.4560	0.7353	0.2768	1.0121	2.2504	255.1182	24.9400	38.9400	51.2300	0.0236		
14/06/2017	96.4792	0.6969	0.2844	0.9813	2.2391	254.5257	24.6800	38.9600	51.2500	0.1514		
15/06/2017	96.5192	0.7616	0.2726	1.0341	2.1553	254.7794	24.0600	38.9200	51.2100	0.4504		
16/06/2017	96.4975	0.7485	0.2900	1.0385	2.1837	255.1486	24.6500	38.9200	51.2200	0.3562		
17/06/2017	96.3652	0.7034	0.2845	0.9879	2.3287	255.3264	25.4800	38.9900	51.2600	0.2826		
18/06/2017	96.2942	0.6941	0.2694	0.9635	2.4675	254.2258	25.4000	39.0200	51.3200	0.1775		
19/06/2017	96.1542	0.7777	0.2928	1.0704	2.4848	254.3288	23.8000	38.9900	51.2300	0.5658		
20/06/2017	96.2702	0.7141	0.2775	0.9916	2.3475	255.9414	23.9300	39.0600	51.3000	0.8685		
21/06/2017	96.0957	0.7475	0.2653	1.0127	2.5546	254.5409	23.5000	39.0600	51.2900	0.7012		
22/06/2017	96.1868	0.7710	0.2511	1.0221	2.4740	252.8681	23.5000	39.0200	51.2500	0.3795		
23/06/2017	97.2107	0.6084	0.2052	0.8137	1.7090	259.5901	22.8900	38.8600	51.3100	2.3059		
24/06/2017	96.7248	0.6598	0.2243	0.8841	2.0761	260.1085	25.1200	38.9800	51.3400	1.3931		
25/06/2017	96.1799	0.7358	0.2542	0.9900	2.5434	257.0589	31.7100	39.0400	51.3000	1.0400		
26/06/2017	96.5938	0.5403	0.2228	0.7631	2.3713	258.5757	25.2300	39.0700	51.4700	1.5025		
27/06/2017	96.0887	0.6862	0.2793	0.9655	2.6459	255.5077	23.2900	39.1000	51.3300	0.7284		
28/06/2017	96.1224	0.7063	0.2865	0.9928	2.5666	255.3126	24.7400	39.0600	51.3100	0.4510		
29/06/2017	96.3594	0.7042	0.2682	0.9724	2.4118	254.9296	24.6200	38.9900	51.2900	0.4555		
30/06/2017	96.3503	0.7188	0.2868	1.0055	2.3440	255.1314	24.9100	38.9700	51.2600	0.1578		

\*/ 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>	95.8001	0.5271	0.2052	0.7631	1.7090	252.8681	20.9900	38.8600	51.2100	0.0061		
<b>Promedio</b>	96.2602	0.6816	0.2793	0.9609	2.4676	255.8046	25.1787	39.0453	51.3287	0.4028		
<b>Máximo</b>	97.2107	0.7777	0.3331	1.0769	2.8674	260.1085	31.7100	39.2400	51.5600	2.3059		
<b>Desv. Est.</b>	0.28767	0.07312	0.02954	0.08669	0.26446	1.66269	2.25130	0.09899	0.09965	0.55306		

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.
01/06/2017	95.9509	0.7325	0.3612	1.0730	2.9739	256.5848	52.2800	39.1800	51.3500	0.0558		
02/06/2017	96.1362	0.7067	0.3439	1.0397	2.7614	256.7888	51.6800	39.1300	51.3700	0.0558		
03/06/2017	96.3464	0.6931	0.3541	1.0431	2.8646	258.0933	51.2700	39.1600	51.4100	0.0738		
04/06/2017	97.5298	0.7271	0.3355	1.0538	3.2400	263.3810	38.7100	39.3900	51.6600	0.1009		
05/06/2017	96.1316	0.7427	0.3509	1.0657	3.0562	258.5374	32.8800	39.3000	51.6000	0.0919		
06/06/2017	96.0961	0.6127	0.3000	0.9105	2.9818	256.0519	46.7500	39.2700	51.5700	0.0919		
07/06/2017	96.1745	0.5402	0.2747	0.8096	2.9234	255.5888	44.3400	39.2800	51.6000	0.0828		
08/06/2017	96.3368	0.5973	0.2789	0.8755	2.9674	256.8645	41.4300	39.3100	51.6100	0.1009		
09/06/2017	96.4526	0.6961	0.3387	1.0178	2.8888	257.1420	29.0600	39.2600	51.5800	0.0828		
10/06/2017	97.5222	0.8076	0.3237	1.1159	2.7239	261.3770	31.0700	39.1500	51.5500	0.0828		
11/06/2017	96.4540	0.8216	0.3300	1.1423	2.4654	257.7983	56.7000	39.0000	51.2600	0.0648		
12/06/2017	96.6001	0.7873	0.3338	1.1105	2.4261	257.0804	51.7800	39.0100	51.2700	0.0648		
13/06/2017	96.7497	0.7851	0.3036	1.0638	2.4137	256.9851	51.6800	39.0000	51.2800	0.1189		
14/06/2017	96.6692	0.7344	0.3035	1.0341	2.4001	255.8131	25.8500	39.0100	51.3100	0.2991		
15/06/2017	96.6392	0.7861	0.2960	1.0698	2.2995	255.9074	33.4900	38.9700	51.2300	0.7947		
16/06/2017	96.5904	0.7840	0.3036	1.0652	2.2951	256.1812	25.8500	38.9700	51.2700	0.4793		
17/06/2017	96.5157	0.7394	0.3007	1.0258	2.4288	257.0779	47.0500	39.0400	51.3100	0.3802		
18/06/2017	96.6789	0.7485	0.2995	1.0331	2.8238	256.9919	51.4800	39.0900	51.3600	0.3171		
19/06/2017	96.5957	0.8727	0.3278	1.1724	2.7667	257.3515	46.0500	39.1100	51.2900	0.8577		
20/06/2017	96.6013	0.7957	0.3053	1.0978	2.6550	258.9438	25.4500	39.2600	51.4400	1.2452		
21/06/2017	96.1553	0.7792	0.3224	1.0446	2.6417	256.2332	34.6900	39.1500	51.3500	1.0560		
22/06/2017	96.5479	0.8114	0.2758	1.0599	2.8136	254.3446	25.0400	39.1500	51.3300	0.6956		
23/06/2017	99.2402	0.8098	0.2540	1.0504	2.4704	268.7993	25.4500	39.0400	51.4500	6.6334		
24/06/2017	97.8282	0.7360	0.2622	0.9912	2.4691	264.1529	31.4800	39.1100	51.6100	2.3535		
25/06/2017	96.5517	0.7795	0.2787	1.0452	2.7344	260.3307	36.7000	39.1200	51.3800	1.9931		
26/06/2017	96.9036	0.7008	0.2462	0.9470	2.6044	260.7457	47.4600	39.1400	51.5200	2.1282		
27/06/2017	96.5198	0.7661	0.3094	1.0683	2.8099	257.9779	24.0400	39.1800	51.5300	0.9929		
28/06/2017	96.4495	0.7444	0.2983	1.0287	2.6768	256.3393	25.8500	39.1600	51.3800	0.5784		
29/06/2017	96.5621	0.7585	0.2875	1.0410	2.6516	256.1661	25.4500	39.1000	51.3900	2.8220		
30/06/2017	96.5696	0.7906	0.3158	1.0981	2.4980	262.6308	26.0500	39.2100	51.4100	0.4613		

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<b>Mínimo</b>	95.9509	0.5402	0.2462	0.8096	2.2951	254.3446	24.0400	38.9700	51.2300	0.0558		
<b>Promedio</b>	96.6700	0.7462	0.3072	1.0398	2.6909	258.2754	37.9020	39.1417	51.4223	0.8385		
<b>Máximo</b>	99.2402	0.8727	0.3612	1.1724	3.2400	268.7993	56.7000	39.3900	51.6600	6.6334		
<b>Desv. Est.</b>	0.64013	0.06933	0.02961	0.07420	0.23990	3.12142	10.97207	0.10964	0.12846	1.33415		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

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(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)
	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.
01/06/2017	95.6129	0.6826	0.3166	1.0062	2.7082	254.2724	22.0300	39.1000	51.3000	0.0288		
02/06/2017	95.8983	0.6545	0.3015	0.9737	2.5424	254.5156	13.7900	39.0500	51.3000	0.0288		
03/06/2017	95.8151	0.6131	0.3015	0.9180	2.3779	255.0235	15.5000	39.0400	51.3100	0.0288		
04/06/2017	95.2377	0.3302	0.1925	0.5227	1.4674	256.8823	16.0000	39.1000	51.3300	0.0288		
05/06/2017	95.5093	0.5029	0.2504	0.7541	2.5350	253.7605	26.2500	39.0500	51.2900	0.0288		
06/06/2017	95.8493	0.5245	0.2500	0.7915	2.7088	252.4609	20.0200	39.1200	51.4200	0.0288		
07/06/2017	95.9032	0.4910	0.2342	0.7279	2.7429	252.5812	20.0200	39.2100	51.5300	0.0288		
08/06/2017	95.8577	0.5128	0.2398	0.7598	2.5980	253.7217	20.8200	39.1400	51.4600	0.0288		
09/06/2017	95.9496	0.4723	0.2357	0.7104	2.3220	253.3809	20.4200	39.0200	51.3100	0.0288		
10/06/2017	96.0358	0.3856	0.1957	0.5812	1.5076	254.8664	24.4400	38.9200	51.1500	0.0288		
11/06/2017	96.0682	0.7287	0.2806	1.0150	2.2246	255.4917	26.2500	38.9300	51.1600	0.0288		
12/06/2017	96.2029	0.6992	0.2701	0.9918	2.1093	254.7358	23.9400	38.8900	51.1600	0.0288		
13/06/2017	96.2491	0.6948	0.2426	0.9599	2.0351	253.8445	14.0900	38.8700	51.1500	0.0288		
14/06/2017	96.2706	0.6492	0.2461	0.9309	2.0923	253.0923	16.8000	38.8900	51.2100	0.0288		
15/06/2017	96.3334	0.7127	0.2558	0.9874	2.0637	253.3387	16.7000	38.8600	51.1500	0.2180		
16/06/2017	96.3886	0.7031	0.2660	0.9761	2.0949	253.4961	15.5000	38.9000	51.1800	0.2540		
17/06/2017	96.2391	0.6699	0.2649	0.9425	2.2261	253.6361	15.3000	38.9600	51.2400	0.2000		
18/06/2017	95.9425	0.6052	0.2236	0.8398	2.1740	252.1933	12.9800	38.9300	51.2400	0.0648		
19/06/2017	95.8219	0.6749	0.2560	0.9321	2.2162	252.3109	21.2300	38.9200	51.1600	0.2811		
20/06/2017	95.8309	0.6731	0.2483	0.9233	2.1014	252.4216	22.1300	38.9900	51.2300	0.4793		
21/06/2017	95.9160	0.6970	0.2356	0.9878	2.5174	252.3585	11.6800	39.0400	51.2700	0.4973		
22/06/2017	95.7717	0.7393	0.2316	0.9737	2.1781	251.3713	13.2900	38.8900	51.1700	0.0468		
23/06/2017	96.2011	0.2682	0.1056	0.3754	0.1488	251.9690	11.6800	38.5500	51.1800	0.3081		
24/06/2017	96.2369	0.3502	0.1495	0.5049	1.2296	255.6816	20.9200	38.8700	51.2700	0.6235		
25/06/2017	95.9144	0.6661	0.2155	0.8893	2.2542	255.0236	23.7400	38.9700	51.2300	0.7046		
26/06/2017	96.2052	0.4802	0.1816	0.6824	2.1285	255.6210	23.6400	38.9900	51.3200	0.8217		
27/06/2017	95.8176	0.4986	0.2128	0.7201	2.4714	253.5362	22.7300	39.0500	51.2500	0.4703		
28/06/2017	95.9988	0.6733	0.2691	0.9493	2.2783	253.7263	23.4400	38.9500	51.2200	0.3261		
29/06/2017	96.1398	0.6350	0.2423	0.8867	2.2810	253.1195	23.8400	38.9400	51.2100	0.3261		
30/06/2017	96.1202	0.6337	0.2486	0.8825	2.2718	253.7043	24.1400	38.9300	51.1800	0.3261		

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<b>Mínimo</b>	95.2377	0.2682	0.1056	0.3754	0.1488	251.3713	11.6800	38.5500	51.1500	0.0288		
<b>Promedio</b>	95.9779	0.5874	0.2388	0.8365	2.1536	253.7379	19.4437	38.9690	51.2527	0.2117		
<b>Máximo</b>	96.3886	0.7393	0.3166	1.0150	2.7429	256.8823	26.2500	39.2100	51.5300	0.8217		
<b>Desv. Est.</b>	0.25558	0.12998	0.04340	0.16941	0.51314	1.28275	4.54978	0.12018	0.09425	0.23320		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.