

**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.
01/10/2019	93.6307	0.6917	0.5515	1.2432	4.0266	260.0140	27.9900	39.9900	51.7300	0.2818	<10.8	0.00
02/10/2019	93.9794	0.7082	0.5638	1.2720	3.9492	259.3274	32.4200	39.7400	51.5600	0.2731		
03/10/2019	94.2695	0.7234	0.5037	1.2270	3.8149	258.5509	30.4900	39.6400	51.5200	0.2083		
04/10/2019	94.2050	0.7132	0.5159	1.2292	3.8223	258.0440	31.6100	39.6700	51.5500	0.2957		
05/10/2019	94.0378	0.7445	0.5207	1.2653	3.9703	257.3247	32.0300	39.6800	51.5300	0.5473		
06/10/2019	94.0587	0.7521	0.5409	1.2930	3.9245	257.0001	29.5100	39.6400	51.5000	0.6183		
07/10/2019	94.1615	0.7702	0.5308	1.3010	3.8644	257.0020	28.2300	39.5900	51.4500	0.4266		
08/10/2019	94.2743	0.7212	0.5823	1.3035	3.7314	257.1633	28.5600	39.5900	51.4700	0.2278		
09/10/2019	94.3412	0.7232	0.5817	1.3050	3.6914	257.1631	31.9400	39.5300	51.4200	0.1658		
10/10/2019	94.4114	0.7151	0.5957	1.3107	3.5887	257.3707	32.6500	39.5300	51.4200	0.3074		
11/10/2019	94.2399	0.7087	0.5987	1.3073	3.7284	257.2220	32.0500	39.5700	51.4600	0.3869		
12/10/2019	94.2186	0.6976	0.6238	1.3214	3.8113	256.9852	29.7000	39.5500	51.4400	0.2762		
13/10/2019	94.1417	0.7122	0.6172	1.3294	3.9389	256.2661	30.7300	39.5500	51.4200	0.2020		
14/10/2019	94.1985	0.7420	0.5918	1.3338	3.8599	256.1323	30.6500	39.5300	51.4000	0.0859		
15/10/2019	94.2523	0.7513	0.5422	1.2935	3.7803	256.3379	31.1500	39.5500	51.4400	0.0667		
16/10/2019	94.2808	0.7379	0.5472	1.2851	3.7801	256.0577	28.6600	39.5600	51.4400	0.0362		
17/10/2019	94.2130	0.7021	0.5975	1.2995	3.7754	255.9738	27.8500	39.5800	51.4700	0.0248		
18/10/2019	94.3803	0.6995	0.6080	1.3075	3.6782	256.2100	29.1100	39.5200	51.4300	0.0259		
19/10/2019	94.5504	0.7229	0.6607	1.3836	3.6221	257.3001	28.2700	39.3200	51.2800	0.0263		
20/10/2019	94.6123	0.6866	0.6189	1.3055	3.5290	257.5704	28.4100	39.4300	51.3700	0.0274		
21/10/2019	94.5534	0.7460	0.6399	1.3859	3.6175	257.0639	28.1200	39.3200	51.2800	0.0151		
22/10/2019	94.4628	0.8104	0.6240	1.4343	3.7050	256.2709	29.4500	39.2900	51.2200	0.0093		
23/10/2019	94.4897	0.8161	0.6345	1.4506	3.6878	256.2697	29.0400	39.2700	51.2000	0.0092		
24/10/2019	94.7115	0.8455	0.5728	1.4183	3.4599	256.2268	27.9000	39.2300	51.1900	0.0123		
25/10/2019	94.7076	0.8831	0.5320	1.4151	3.4584	256.2140	28.3500	39.2500	51.1700	0.0104		
26/10/2019	94.6113	0.9087	0.5478	1.4565	3.5445	256.3800	30.3500	39.2300	51.1400	0.0180		
27/10/2019	94.6052	0.8948	0.5621	1.4569	3.5573	256.3178	30.3100	39.2500	51.1500	0.0126		
28/10/2019	94.5284	0.9003	0.5106	1.4110	3.5949	256.6452	30.4300	39.3200	51.2300	0.0123		
29/10/2019	94.3983	0.8817	0.5537	1.4354	3.6935	257.2222	28.2400	39.3500	51.2200	0.0118		
30/10/2019	94.5790	0.8386	0.6131	1.4516	3.4992	257.0482	25.2700	39.2600	51.1800	0.0084		
31/10/2019	94.5255	0.8299	0.6266	1.4566	3.5757	256.1407	24.0100	39.2700	51.1900	0.0182		

\*/ 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>	93.6307	0.6866	0.5037	1.2270	3.4584	255.9738	24.0100	39.2300	51.1400	0.0084		
<b>Promedio</b>	94.3429	0.7671	0.5777	1.3448	3.7187	256.9940	29.4671	39.4774	51.3700	0.1499		
<b>Máximo</b>	94.7115	0.9087	0.6607	1.4569	4.0266	260.0140	32.6500	39.9900	51.7300	0.6183		
<b>Desv. Est.</b>	0.24013	0.07125	0.04280	0.07439	0.15648	0.95047	1.97674	0.18502	0.15013	0.17417		

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.
01/10/2019	94.2188	0.7459	0.6065	1.2909	4.3784	261.7194	45.5500	40.6100	52.1000	0.4433		
02/10/2019	94.2719	0.7470	0.6407	1.3707	4.2750	260.6273	35.8000	39.9900	51.7200	0.5334		
03/10/2019	94.5175	0.7738	0.5363	1.2923	4.0459	259.6384	35.1900	39.7200	51.5700	0.3081		
04/10/2019	94.3968	0.7516	0.5570	1.2799	3.9748	258.9438	33.6900	39.7700	51.6400	0.3802		
05/10/2019	94.1634	0.8198	0.5812	1.3279	4.3915	258.7555	37.9100	39.8700	51.6700	0.7857		
06/10/2019	94.1805	0.8023	0.6322	1.3302	3.9744	257.9900	33.5900	39.7800	51.5800	0.8487		
07/10/2019	94.3803	0.8243	0.6104	1.3482	3.9673	259.2258	31.6800	39.6600	51.5100	0.6145		
08/10/2019	94.5411	0.8509	0.6445	1.3870	3.9088	258.3900	31.1700	39.6400	51.5200	0.4072		
09/10/2019	94.4816	0.7759	0.6165	1.3528	3.8761	257.8630	38.6100	39.5900	51.4800	0.2901		
10/10/2019	94.5788	0.7695	0.6501	1.3701	3.7396	258.4378	39.0100	39.6200	51.5000	0.4343		
11/10/2019	94.3721	0.7779	0.6587	1.3693	3.8636	258.1059	37.5100	39.6600	51.5400	0.5874		
12/10/2019	94.4061	0.7545	0.6617	1.3818	3.9994	257.9285	34.1900	39.6900	51.5300	0.4523		
13/10/2019	94.2141	0.7535	0.6615	1.3695	3.9791	257.0641	34.8900	39.5900	51.4700	0.4162		
14/10/2019	94.2577	0.7834	0.6612	1.3694	3.9736	257.2279	34.4900	39.5800	51.4600	0.2901		
15/10/2019	94.3172	0.7712	0.5541	1.3192	3.8306	257.1252	34.9900	39.6000	51.4800	0.2000		
16/10/2019	94.4034	0.7675	0.5883	1.3398	3.8552	257.5482	33.1800	39.6300	51.4800	0.1099		
17/10/2019	94.3537	0.7541	0.6472	1.3442	3.8632	256.9056	31.1700	39.6600	51.5200	0.1009		
18/10/2019	94.7152	0.7319	0.6508	1.3706	3.8622	258.4045	32.6800	39.6100	51.5000	0.1189		
19/10/2019	94.7062	0.7558	0.7285	1.4511	3.8109	258.5660	32.2800	39.4500	51.4100	0.1189		
20/10/2019	94.7117	0.7473	0.7269	1.4444	3.6937	258.8549	31.0700	39.6100	51.5000	0.1099		
21/10/2019	94.7099	0.8651	0.7190	1.4804	3.7985	258.3396	32.7800	39.5800	51.4800	0.0828		
22/10/2019	94.5808	0.8804	0.6974	1.4854	3.8449	257.9532	31.3800	39.3800	51.2800	0.0828		
23/10/2019	94.5679	0.8917	0.7044	1.5004	3.7796	257.1505	34.1900	39.3100	51.2300	0.0828		
24/10/2019	94.9843	0.9651	0.6795	1.4999	3.7261	257.5234	47.3600	39.3300	51.2300	0.0828		
25/10/2019	94.7901	0.9536	0.5569	1.4840	3.6087	257.1442	32.6800	39.3100	51.2300	0.0738		
26/10/2019	94.7877	0.9581	0.6033	1.5106	3.7636	257.1474	47.9600	39.2900	51.2000	0.1099		
27/10/2019	94.6798	0.9421	0.6027	1.5074	3.7490	257.3303	57.5100	39.3000	51.2200	0.0828		
28/10/2019	94.6284	0.9251	0.5317	1.4345	3.6626	257.2628	33.9900	39.3800	51.2500	0.0919		
29/10/2019	94.6859	0.9609	0.6120	1.4754	3.8784	258.1215	259.9100	39.4400	51.2800	0.1099		
30/10/2019	94.7254	0.9161	0.6676	1.5137	3.8169	258.0132	32.1800	39.3900	51.2600	0.0738		
31/10/2019	94.8141	0.9170	0.6981	1.5484	3.7986	258.5013	29.6700	39.3800	51.2900	0.2721		

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

Mínimo	94.1634	0.7319	0.5317	1.2799	3.6087	256.9056	29.6700	39.2900	51.2000	0.0738		
Promedio	94.5207	0.8269	0.6351	1.4048	3.8932	258.1874	43.1697	39.5942	51.4558	0.2805		
Máximo	94.9843	0.9651	0.7285	1.5484	4.3915	261.7194	259.9100	40.6100	52.1000	0.8487		
Desv. Est.	0.21753	0.08035	0.05536	0.07798	0.18388	1.06947	40.67625	0.25867	0.18898	0.22336		

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>
01/10/2019	92.7663	0.6392	0.4923	1.1795	3.5799	258.8387	18.5100	39.6700	51.5200	0.1099		
02/10/2019	93.5313	0.6481	0.4988	1.2110	3.7210	257.9887	26.9500	39.5900	51.4500	0.0648		
03/10/2019	93.9854	0.6697	0.4683	1.1684	3.6068	257.6068	26.9500	39.5800	51.4600	0.0738		
04/10/2019	94.0533	0.6791	0.4733	1.1546	3.6929	257.2282	29.4700	39.5400	51.4500	0.1730		
05/10/2019	93.6051	0.7061	0.4246	1.1696	3.8423	256.1087	26.5500	39.5800	51.4400	0.2540		
06/10/2019	93.8953	0.6941	0.5159	1.2445	3.7630	256.1063	26.7500	39.6000	51.4400	0.3712		
07/10/2019	94.0052	0.6832	0.5074	1.2543	3.5341	256.1449	26.1500	39.5300	51.4000	0.2000		
08/10/2019	94.1178	0.6723	0.5227	1.2553	3.3161	256.3120	27.0500	39.4600	51.3200	0.0919		
09/10/2019	94.1512	0.6941	0.5405	1.2482	3.5664	256.1362	28.1600	39.4900	51.3800	0.0468		
10/10/2019	94.2459	0.6709	0.5561	1.2686	3.4056	256.0104	24.8400	39.4700	51.3600	0.1189		
11/10/2019	94.0901	0.6584	0.5167	1.2422	3.6188	256.1064	26.8500	39.5000	51.3700	0.2450		
12/10/2019	93.9762	0.6514	0.5532	1.2713	3.6424	255.7428	25.6500	39.4900	51.3600	0.1369		
13/10/2019	94.0455	0.6777	0.5993	1.2908	3.8724	255.4288	25.6500	39.5300	51.4000	0.0108		
14/10/2019	94.0452	0.6781	0.5401	1.2893	3.7781	255.0664	27.1500	39.4900	51.3800	0.0000		
15/10/2019	94.2279	0.7341	0.5266	1.2702	3.7355	255.5490	26.7500	39.5300	51.4100	0.0000		
16/10/2019	94.1395	0.7132	0.5108	1.2554	3.6865	255.1328	26.2500	39.4800	51.3800	0.0000		
17/10/2019	94.0997	0.6497	0.5266	1.2596	3.6801	255.0262	26.5500	39.5200	51.4000	0.0000		
18/10/2019	94.2306	0.6698	0.5740	1.2639	3.3844	254.8181	27.3600	39.3800	51.3400	0.0000		
19/10/2019	94.3566	0.6337	0.5507	1.2688	3.4072	256.3032	25.8500	39.2500	51.2000	0.0000		
20/10/2019	94.4136	0.6405	0.5527	1.2650	3.3940	256.6630	26.5500	39.2500	51.2100	0.0000		
21/10/2019	94.3866	0.6480	0.5544	1.2670	3.3979	255.9515	19.5200	39.2200	51.1500	0.0000		
22/10/2019	94.2843	0.7503	0.5640	1.3883	3.6160	255.3844	26.8500	39.2200	51.1500	0.0000		
23/10/2019	94.3650	0.7443	0.5676	1.3964	3.5755	255.3405	19.4200	39.2300	51.1400	0.0000		
24/10/2019	94.3911	0.7986	0.5289	1.3659	3.1047	255.3407	26.2500	39.0900	51.0300	0.0000		
25/10/2019	94.4622	0.8273	0.5147	1.3723	3.3176	255.2341	26.2500	39.2100	51.1200	0.0000		
26/10/2019	94.3905	0.8723	0.5123	1.4111	3.3283	255.6117	28.7600	39.1900	51.0900	0.0000		
27/10/2019	94.4093	0.8723	0.5049	1.3914	3.4439	255.4779	23.5400	39.1900	51.1000	0.0000		
28/10/2019	94.4173	0.8580	0.4871	1.3810	3.5427	255.8893	24.5400	39.2800	51.2000	0.0000		
29/10/2019	94.1528	0.8286	0.4865	1.3898	3.4527	256.2239	12.1800	39.2200	51.1200	0.0000		
30/10/2019	94.2414	0.7567	0.5608	1.3991	3.3717	256.3345	18.5100	39.2000	51.1000	0.0000		
31/10/2019	94.2939	0.7402	0.5153	1.3900	3.1931	255.1950	21.7300	39.1300	51.0500	0.0000		

\*/ 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>	92.7663	0.6337	0.4246	1.1546	3.1047	254.8181	12.1800	39.0900	51.0300	0.0000		
<b>Promedio</b>	94.1218	0.7148	0.5241	1.2898	3.5346	256.0097	24.9529	39.3906	51.2877	0.0612		
<b>Máximo</b>	94.4622	0.8723	0.5993	1.4111	3.8724	258.8387	29.4700	39.6700	51.5200	0.3712		
<b>Desv. Est.</b>	0.33599	0.07292	0.03612	0.07721	0.18923	0.90280	3.72653	0.16972	0.14742	0.09687		

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