

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.
1/1/2019	94.8849	0.9051	0.1999	1.1049	3.3942	261.2083	36.7100	39.4500	51.4400	0.1748	<10.8	0.00
1/2/2019	94.4324	0.8801	0.2093	1.0892	3.8274	261.2109	32.0000	39.6100	51.5400	0.1030		
1/3/2019	94.6535	0.9419	0.1913	1.1334	3.6263	261.0528	31.5400	39.5100	51.4400	0.0513		
1/4/2019	94.7388	0.9249	0.1932	1.1180	3.5481	260.7805	29.0600	39.4700	51.4400	0.0435		
1/5/2019	94.7360	0.9051	0.1929	1.0981	3.5932	260.2347	27.3200	39.4900	51.4700	0.0457		
1/6/2019	94.6847	0.8850	0.1915	1.0765	3.6291	260.0247	26.2700	39.5200	51.5000	0.0431		
1/7/2019	94.5183	0.8672	0.1796	1.0468	3.6076	260.3037	31.9100	39.6700	51.6000	0.0147		
1/8/2019	94.6054	0.8412	0.1834	1.0246	3.6000	260.7016	34.8500	39.6300	51.6100	0.0177		
1/9/2019	94.6382	0.8986	0.1991	1.0977	3.6272	260.3153	34.9100	39.5400	51.4800	0.0133		
1/10/2019	94.8719	0.8969	0.2258	1.1227	3.4315	260.2418	35.9500	39.4400	51.4200	0.0132		
1/11/2019	94.5656	0.8690	0.2277	1.0967	3.6751	260.5199	36.1100	39.5600	51.5200	0.0160		
1/12/2019	94.6263	0.8733	0.2262	1.0996	3.6292	260.5846	35.4000	39.5500	51.5000	0.0137		
1/13/2019	94.6916	0.8758	0.2287	1.1045	3.5332	259.4857	35.4800	39.5300	51.4800	0.0123		
1/14/2019	94.8423	0.8808	0.2346	1.1154	3.4414	259.0107	32.1100	39.4500	51.4300	0.0147		
1/15/2019	95.0427	0.8714	0.2321	1.1035	3.2895	260.8456	34.5100	39.3900	51.4100	0.0135		
1/16/2019	95.0232	0.9128	0.2329	1.1455	3.3039	260.9504	37.2000	39.3500	51.3600	0.0156		
1/17/2019	95.1066	0.9130	0.2655	1.1785	3.2477	260.2368	37.2400	39.2900	51.3000	0.0127		
1/18/2019	95.2548	0.8753	0.2717	1.1471	3.0880	260.4259	37.6300	39.2800	51.3300	0.0137		
1/19/2019	95.5553	0.8992	0.2792	1.1784	2.9328	260.1706	37.8800	39.1300	51.2200	0.0149		
1/20/2019	95.4134	0.8912	0.2780	1.1691	2.9817	259.7430	36.8800	39.2000	51.2600	0.0134		
1/21/2019	95.5359	0.9056	0.2811	1.1867	2.9109	261.2293	28.1200	39.1300	51.1900	0.0447		
1/22/2019	95.3147	0.9208	0.2672	1.1880	3.0411	262.0770	29.4000	39.2000	51.2400	0.0527		
1/23/2019	95.2768	0.9133	0.2572	1.1705	3.1240	260.5006	29.6800	39.2400	51.2700	0.0468		
1/24/2019	95.0841	0.8886	0.2336	1.1221	3.2088	260.4514	30.3100	39.3600	51.3700	0.0474		
1/25/2019	95.2067	0.8998	0.2571	1.1570	3.1584	260.1049	28.3700	39.2700	51.3100	0.0433		
1/26/2019	95.3007	0.9191	0.2683	1.1874	3.0923	260.2439	27.7700	39.2200	51.2600	0.0473		
1/27/2019	95.3134	0.9517	0.2651	1.2169	3.0562	259.7876	26.6900	39.1800	51.2200	0.0408		
1/28/2019	95.2674	0.9280	0.2653	1.1932	3.1233	259.9396	27.2600	39.2200	51.2500	0.0405		
1/29/2019	95.1014	0.9214	0.2635	1.1849	3.2904	260.6020	27.4600	39.2700	51.2900	0.0447		
1/30/2019	95.2238	0.9441	0.2618	1.2058	3.1534	260.6180	28.6400	39.2200	51.2500	0.0730		
1/31/2019	95.2111	0.9116	0.2638	1.1753	3.1941	260.2141	28.4900	39.2500	51.2800	0.2644		

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

Mínimo	94.4324	0.8412	0.1796	1.0246	2.9109	259.0107	26.2700	39.1300	51.1900	0.0123		
Promedio	94.9910	0.9004	0.2363	1.1367	3.3342	260.4457	32.0371	39.3748	51.3768	0.0454		
Máximo	95.5553	0.9517	0.2811	1.2169	3.8274	262.0770	37.8800	39.6700	51.6100	0.2644		
Desv. Est.	0.32194	0.02529	0.03264	0.04799	0.25650	0.58537	3.93869	0.15968	0.12012	0.05246		

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.
1/1/2019	95.4154	1.0382	0.2224	1.2477	3.9239	263.3044	66.5500	39.7500	51.6600	0.3532		
1/2/2019	94.6928	0.9555	0.2329	1.1590	4.0562	264.6829	59.2100	39.7700	51.6800	0.2901		
1/3/2019	94.7517	0.9776	0.2182	1.1747	3.8278	264.3044	42.9300	39.5700	51.4900	0.2090		
1/4/2019	94.8494	0.9412	0.2101	1.1451	3.6675	263.2610	42.4300	39.5200	51.4700	0.1369		
1/5/2019	94.8105	0.9162	0.2018	1.1097	3.6900	262.3035	35.0900	39.5200	51.4800	0.1459		
1/6/2019	94.8468	0.9076	0.2010	1.1011	3.7732	262.6241	48.3600	39.7100	51.6200	0.2180		
1/7/2019	94.7613	0.9188	0.1987	1.1002	3.7567	263.4618	46.9500	39.7600	51.6600	0.0828		
1/8/2019	94.7597	0.8852	0.1975	1.0748	3.7664	263.4671	51.0700	39.6900	51.6400	0.0919		
1/9/2019	94.8048	0.9700	0.2272	1.1876	3.8943	262.2278	55.8000	39.7200	51.6400	0.0828		
1/10/2019	94.9778	0.9597	0.2362	1.1898	3.5477	262.5143	49.9700	39.4800	51.4600	0.1009		
1/11/2019	94.8158	0.8945	0.2390	1.1221	4.1117	262.7678	58.7100	39.7200	51.6100	0.0919		
1/12/2019	94.9289	0.8850	0.2359	1.1111	4.1335	262.6586	42.3300	39.7200	51.6100	0.1009		
1/13/2019	94.8067	0.8919	0.2402	1.1189	4.0443	262.1214	47.4600	39.6900	51.5900	0.0919		
1/14/2019	95.0723	0.9024	0.2447	1.1422	4.1242	261.6625	48.0600	39.7100	51.6000	0.0919		
1/15/2019	95.2161	0.9488	0.2460	1.1825	3.4114	263.4317	48.5600	39.4700	51.4800	0.0828		
1/16/2019	95.2715	0.9731	0.2537	1.2052	3.4294	263.3104	54.4900	39.4400	51.4600	0.0919		
1/17/2019	95.3192	0.9680	0.2917	1.2340	3.6842	262.4582	54.1900	39.4100	51.4000	0.0738		
1/18/2019	95.5770	0.9289	0.2944	1.2152	3.5043	262.6429	53.9900	39.4300	51.4300	0.0738		
1/19/2019	95.6250	0.9111	0.2902	1.1960	3.0511	262.4213	54.1900	39.1800	51.2600	0.0828		
1/20/2019	95.5515	0.9254	0.2910	1.2115	3.4736	263.1263	57.9100	39.4300	51.4300	0.0919		
1/21/2019	95.7067	0.9499	0.2969	1.2270	3.2914	264.8563	79.2100	39.3700	51.3800	0.2000		
1/22/2019	95.5457	0.9555	0.2903	1.2278	3.1655	265.7381	35.4000	39.2600	51.2900	0.1730		
1/23/2019	95.3907	0.9481	0.2733	1.2211	3.3117	263.5920	53.4900	39.3100	51.3300	0.1369		
1/24/2019	95.2494	0.9626	0.2677	1.2279	3.3008	263.3859	56.3000	39.4200	51.4300	0.1549		
1/25/2019	95.4946	1.0034	0.2887	1.2739	3.4582	263.3673	35.5000	39.4700	51.4800	0.1459		
1/26/2019	95.4320	0.9565	0.2798	1.2348	3.1716	263.0460	30.2700	39.2500	51.3000	0.1369		
1/27/2019	95.4803	0.9849	0.2790	1.2551	3.1685	262.6841	29.6700	39.2400	51.2700	0.1369		
1/28/2019	95.5503	0.9685	0.2877	1.2257	3.3097	263.1219	30.0700	39.3100	51.3300	0.1279		
1/29/2019	95.2773	0.9669	0.2742	1.2326	3.6857	263.9940	30.0700	39.3900	51.3500	0.1369		
1/30/2019	95.4200	1.0200	0.2794	1.2874	3.3523	269.4541	32.0800	39.3500	51.3500	0.1820		
1/31/2019	95.3641	0.9640	0.2750	1.2333	3.3221	261.7685	31.5800	39.3000	51.3300	0.3892		

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

Mínimo	94.6928	0.8850	0.1975	1.0748	3.0511	261.6625	29.6700	39.1800	51.2600	0.0738		
Promedio	95.1860	0.9477	0.2537	1.1895	3.5938	263.3471	47.1577	39.4955	51.4681	0.1453		
Máximo	95.7067	1.0382	0.2969	1.2874	4.1335	269.4541	79.2100	39.7700	51.6800	0.3892		
Desv. Est.	0.32588	0.03808	0.03314	0.05677	0.31841	1.44325	12.04344	0.18235	0.13149	0.07869		

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.
1/1/2019	94.3182	0.8031	0.1675	0.9982	2.9404	259.8520	27.1500	39.3000	51.3000	0.0558		
1/2/2019	94.1547	0.8062	0.1808	1.0153	3.5832	259.3181	26.3500	39.4900	51.4300	0.0000		
1/3/2019	94.3997	0.9194	0.1732	1.1090	3.5312	258.7470	25.8500	39.4700	51.4000	0.0000		
1/4/2019	94.6003	0.9018	0.1756	1.0928	3.4685	259.0398	23.0300	39.4400	51.4100	0.0000		
1/5/2019	94.6324	0.8922	0.1776	1.0783	3.5228	258.3954	22.5300	39.4600	51.4400	0.0000		
1/6/2019	94.3659	0.8304	0.1737	1.0044	3.5051	258.0556	20.3200	39.4700	51.4500	0.0000		
1/7/2019	94.3399	0.8243	0.1599	0.9891	3.3722	257.5786	21.2300	39.5700	51.5100	0.0000		
1/8/2019	94.4650	0.8120	0.1726	0.9925	3.4644	258.5086	21.8300	39.5900	51.5400	0.0000		
1/9/2019	94.3319	0.8239	0.1771	1.0028	3.4317	258.4978	26.9500	39.4300	51.3700	0.0000		
1/10/2019	94.7179	0.8608	0.2113	1.0828	3.3210	258.2205	25.3500	39.3600	51.3500	0.0000		
1/11/2019	94.1415	0.8471	0.2125	1.0739	3.4227	258.4034	25.4500	39.4700	51.4400	0.0000		
1/12/2019	94.1008	0.8481	0.2164	1.0750	3.3581	258.6148	26.4500	39.4400	51.4300	0.0000		
1/13/2019	94.1971	0.8508	0.2150	1.0774	3.4301	257.5595	24.7400	39.4800	51.4500	0.0000		
1/14/2019	94.1193	0.8489	0.2169	1.0759	3.2636	256.6314	22.5300	39.3500	51.3600	0.0000		
1/15/2019	94.8756	0.8271	0.2159	1.0540	3.1539	258.9277	23.4400	39.3000	51.3300	0.0000		
1/16/2019	94.9432	0.8438	0.2133	1.0619	3.1156	258.7700	26.1500	39.2200	51.2500	0.0000		
1/17/2019	94.6750	0.8255	0.2287	1.0946	3.0236	258.2389	25.8500	39.1700	51.2000	0.0000		
1/18/2019	94.8328	0.8201	0.2371	1.0727	2.8666	258.3440	26.2500	39.1300	51.2000	0.0000		
1/19/2019	95.3750	0.8716	0.2641	1.1470	2.8610	258.3803	26.5500	39.0900	51.1900	0.0000		
1/20/2019	94.8614	0.8308	0.2465	1.0873	2.8921	257.0053	20.0200	39.1200	51.2000	0.0000		
1/21/2019	95.0235	0.8434	0.2551	1.1101	2.8105	258.7523	22.2300	39.0700	51.1500	0.0000		
1/22/2019	95.1965	0.8946	0.2386	1.1577	2.8460	259.1686	25.8500	39.1100	51.1700	0.0000		
1/23/2019	95.0629	0.8878	0.2391	1.1427	2.9855	257.7325	24.9400	39.1600	51.2000	0.0000		
1/24/2019	94.9746	0.8540	0.2141	1.0819	3.1432	257.9464	25.8500	39.2000	51.2200	0.0000		
1/25/2019	94.8525	0.8165	0.2150	1.0510	2.9362	257.1422	24.8400	39.0900	51.1300	0.0000		
1/26/2019	95.1792	0.8857	0.2540	1.1520	2.9738	257.5797	24.5400	39.1800	51.2200	0.0000		
1/27/2019	95.1598	0.9215	0.2525	1.1792	2.9312	257.7009	24.3400	39.1200	51.1700	0.0000		
1/28/2019	95.0138	0.8510	0.2401	1.1082	2.9317	257.5102	23.8400	39.1700	51.2000	0.0000		
1/29/2019	94.6282	0.8733	0.2496	1.1288	3.1964	257.8796	24.7400	39.2100	51.2400	0.0000		
1/30/2019	94.9682	0.8610	0.2419	1.1288	3.0030	258.7993	25.6500	39.1400	51.1600	0.0000		
1/31/2019	95.0776	0.8871	0.2521	1.1474	3.0724	258.7343	25.5500	39.1800	51.2300	0.1189		

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

Mínimo	94.1008	0.8031	0.1599	0.9891	2.8105	256.6314	20.0200	39.0700	51.1300	0.0000		
Promedio	94.6963	0.8537	0.2157	1.0830	3.1728	258.2592	24.5287	39.2897	51.3013	0.0056		
Máximo	95.3750	0.9215	0.2641	1.1792	3.5832	259.8520	27.1500	39.5900	51.5400	0.1189		
Desv. Est.	0.37289	0.03276	0.03151	0.05227	0.25017	0.71711	1.94938	0.16329	0.12170	0.02329		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.