

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.
3/1/2019	95.5211	0.8435	0.3017	1.1452	3.0590	257.3236	26.9300	39.1100	51.2300	0.7388		
3/2/2019	95.5137	0.8444	0.2972	1.1415	3.0560	257.5906	27.6000	39.1200	51.2500	0.6630		
3/3/2019	95.5241	0.8572	0.2898	1.1471	2.9808	257.8625	28.1400	39.1100	51.2400	0.4799		
3/4/2019	95.4832	0.8391	0.2926	1.1316	3.0855	257.8625	28.6700	39.1400	51.2600	0.4131		
3/5/2019	95.7309	0.8607	0.2850	1.1456	2.8459	257.7083	28.3800	39.0500	51.2000	0.4259		
3/6/2019	95.3078	0.9023	0.2626	1.1649	3.2655	257.6643	28.5100	39.1400	51.2300	0.7103		
3/7/2019	95.2173	0.9152	0.2781	1.1933	3.3514	257.9969	29.3300	39.1300	51.2200	0.6234		
3/8/2019	95.3071	0.8919	0.2701	1.1620	3.3068	257.7701	29.5500	39.1300	51.2300	0.5249		
3/9/2019	95.1232	0.9299	0.2630	1.1930	3.4610	257.4600	29.0300	39.1800	51.2200	0.8336		
3/10/2019	94.9901	0.8867	0.2573	1.1441	3.5821	257.2104	28.1500	39.2600	51.3200	0.6972		
3/11/2019	95.1882	0.8563	0.2569	1.1131	3.4454	256.9637	27.6400	39.2200	51.3100	0.6705		
3/12/2019	95.2294	0.8139	0.2418	1.0558	3.4126	256.7610	27.1500	39.2600	51.3700	0.5923		
3/13/2019	95.2239	0.9688	0.2631	1.2319	3.3140	257.0438	27.2800	39.1100	51.1500	0.8537		
3/14/2019	95.2994	0.9810	0.2909	1.2720	3.2123	257.6380	29.3500	39.0800	51.1100	0.9451		
3/15/2019	95.2615	0.9466	0.2720	1.2187	3.3135	257.6097	29.8900	39.1100	51.1800	1.0839		
3/16/2019	95.2453	0.9450	0.2718	1.2167	3.2917	257.6053	30.6500	39.1300	51.1900	1.0338		
3/17/2019	95.1653	0.9155	0.2661	1.1817	3.4307	257.7412	30.4400	39.1800	51.2400	0.8451		
3/18/2019	95.2316	0.9120	0.2697	1.1816	3.3709	257.7119	30.1300	39.1500	51.2500	0.5045		
3/19/2019	95.2523	0.9385	0.2741	1.2125	3.3148	257.7111	30.3100	39.1300	51.1800	0.1005		
3/20/2019	95.2257	0.9096	0.2663	1.1759	3.3756	257.3611	31.2100	39.1500	51.2300	0.0720		
3/21/2019	95.3305	0.9143	0.2536	1.1679	3.2330	257.0817	29.7400	39.1500	51.2300	0.5850		
3/22/2019	95.3913	0.9228	0.2665	1.1893	3.2248	257.0484	27.5000	39.1000	51.1700	0.6999		
3/23/2019	95.2794	0.9458	0.2736	1.2194	3.3196	257.0421	27.3900	39.1000	51.1800	0.5218		
3/24/2019	95.2212	0.9426	0.2678	1.2103	3.3646	257.2191	28.0200	39.1300	51.2100	0.6092		
3/25/2019	94.9212	0.9332	0.2644	1.1976	3.6569	257.5009	27.9900	39.2200	51.2500	0.8658		
3/26/2019	94.8832	0.9337	0.2781	1.2118	3.6933	257.2594	28.6600	39.2300	51.2500	1.0556		
3/27/2019	95.0167	0.9284	0.2723	1.2007	3.5449	256.9581	28.8600	39.1900	51.2400	0.9848		
3/28/2019	95.1259	0.9367	0.2897	1.2264	3.4471	257.0359	29.0500	39.1500	51.2000	0.6894		
3/29/2019	94.9190	0.9232	0.2820	1.2051	3.6328	257.2458	30.1200	39.2200	51.2500	0.2804		
3/30/2019	94.9710	0.9152	0.2845	1.1996	3.6121	257.3628	30.9200	39.2100	51.2500	0.4598		
3/31/2019	94.8334	0.8975	0.2820	1.1795	3.7039	257.5009	29.9000	39.2800	51.3100	0.1834		

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

Mínimo	94.8334	0.8139	0.2418	1.0558	2.8459	256.7610	26.9300	39.0500	51.1100	0.0720		
Promedio	95.2237	0.9081	0.2737	1.1818	3.3519	257.4146	28.9190	39.1571	51.2306	0.6370		
Máximo	95.7309	0.9810	0.3017	1.2720	3.7039	257.9969	31.2100	39.2800	51.3700	1.0839		
Desv. Est.	0.20743	0.04053	0.01363	0.04163	0.20955	0.32251	1.20729	0.05687	0.05164	0.26440		

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.
3/1/2019	95.6055	0.8688	0.3210	1.1810	3.1585	259.7538	29.3700	39.1500	51.2800	1.7137		
3/2/2019	95.6216	0.8672	0.3138	1.1759	3.1416	260.2318	41.0200	39.1700	51.2800	0.9118		
3/3/2019	95.6573	0.8958	0.3063	1.1932	3.1812	260.2174	31.2800	39.2400	51.3000	0.7316		
3/4/2019	95.7278	0.8919	0.3067	1.1954	3.2803	260.6963	30.9700	39.2000	51.3000	0.5784		
3/5/2019	95.8771	0.9066	0.3041	1.1773	3.0667	260.1271	50.6700	39.1100	51.2300	0.5514		
3/6/2019	95.5864	0.9437	0.2791	1.2177	3.4509	260.0450	31.0700	39.2100	51.3000	0.9028		
3/7/2019	95.4276	0.9833	0.2929	1.2645	3.6019	260.2132	52.9800	39.2000	51.2700	0.8938		
3/8/2019	95.4437	0.9409	0.2850	1.2256	3.4397	260.5331	32.4800	39.1700	51.2800	0.6865		
3/9/2019	95.3513	0.9943	0.2821	1.2625	3.9157	259.7723	53.9900	39.2800	51.3100	1.1010		
3/10/2019	95.1279	0.9055	0.2683	1.1673	3.6627	258.9347	37.0000	39.3000	51.3400	0.9298		
3/11/2019	95.3824	0.8996	0.2792	1.1729	3.6067	259.9121	32.3800	39.3000	51.4100	0.9388		
3/12/2019	95.3229	0.9544	0.2808	1.2159	3.6788	259.3973	30.2700	39.3400	51.4300	4.0655		
3/13/2019	95.3885	0.9872	0.2775	1.2594	3.4515	259.3612	51.9800	39.1500	51.2000	1.0019		
3/14/2019	95.5428	1.0567	0.3092	1.3619	3.3944	259.8545	48.3600	39.1200	51.1700	1.1911		
3/15/2019	95.3397	0.9839	0.2920	1.2643	3.4009	259.5196	35.1900	39.1500	51.2200	1.3263		
3/16/2019	95.3793	0.9702	0.2803	1.2469	3.3981	259.9601	36.3000	39.1600	51.2100	1.3353		
3/17/2019	95.2420	0.9675	0.2768	1.2431	3.5254	259.1447	35.7000	39.2100	51.2800	1.1100		
3/18/2019	95.2542	0.9475	0.2835	1.2241	3.4150	260.3747	35.6000	39.1900	51.2600	0.9839		
3/19/2019	95.4965	1.0006	0.2898	1.2629	3.5691	260.1337	35.8000	39.2200	51.2700	0.2721		
3/20/2019	95.4115	0.9966	0.2837	1.2629	3.6316	258.5074	37.3100	39.2100	51.2900	0.2000		
3/21/2019	95.5693	0.9640	0.2739	1.2133	3.7083	257.8455	53.5900	39.4600	51.4300	0.7947		
3/22/2019	95.5698	0.9615	0.2822	1.2227	3.3892	258.0709	38.5100	39.1400	51.2400	0.8758		
3/23/2019	95.5238	1.0041	0.2846	1.2771	3.4559	258.0700	52.1800	39.1500	51.2200	0.7857		
3/24/2019	95.3104	0.9796	0.2806	1.2532	3.4763	259.5003	32.9800	39.1700	51.2300	0.8758		
3/25/2019	95.3285	0.9706	0.2834	1.2354	4.1300	259.8105	30.9700	39.3600	51.3300	1.2272		
3/26/2019	95.0281	0.9969	0.3039	1.2752	3.8451	260.1640	53.0800	39.3400	51.3200	1.4074		
3/27/2019	95.1110	0.9922	0.3004	1.2764	3.7413	259.7784	35.5000	39.3000	51.3400	1.2632		
3/28/2019	95.4419	0.9674	0.3059	1.2635	3.7015	258.0635	35.4000	39.2400	51.2800	1.0650		
3/29/2019	95.1415	0.9656	0.2964	1.2469	3.8260	259.0197	54.8900	39.3500	51.3000	0.4793		
3/30/2019	95.1379	0.9578	0.3086	1.2346	3.7851	258.2805	35.9000	39.2600	51.2800	0.5964		
3/31/2019	95.0711	0.9635	0.2954	1.2475	3.9770	258.3202	52.4800	39.4200	51.4500	0.6145		

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Mínimo	95.0281	0.8672	0.2683	1.1673	3.0667	257.8455	29.3700	39.1100	51.1700	0.2000		
Promedio	95.4006	0.9576	0.2912	1.2361	3.5486	259.4714	40.1677	39.2345	51.2919	1.0132		
Máximo	95.8771	1.0567	0.3210	1.3619	4.1300	260.6963	54.8900	39.4600	51.4500	4.0655		
Desv. Est.	0.20381	0.04332	0.01347	0.04100	0.25300	0.82883	9.00489	0.08996	0.06784	0.65646		

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.
3/1/2019	95.4011	0.8162	0.2861	1.1049	2.9678	256.1320	23.7400	39.0700	51.1900	0.5334		
3/2/2019	95.3783	0.8121	0.2746	1.1021	2.9528	256.3072	24.3400	39.0700	51.2100	0.3982		
3/3/2019	95.2201	0.8284	0.2667	1.1191	2.8918	256.4693	24.6400	39.0700	51.2000	0.1730		
3/4/2019	95.2779	0.7938	0.2680	1.0958	2.8540	256.6074	26.4500	39.0600	51.1900	0.2631		
3/5/2019	95.4966	0.8256	0.2614	1.1176	2.6966	256.5480	25.7500	39.0100	51.1700	0.3171		
3/6/2019	95.1076	0.8533	0.2450	1.1188	2.9989	256.3925	24.1400	39.0700	51.1800	0.4343		
3/7/2019	95.0126	0.8493	0.2617	1.1220	3.1450	256.5329	25.9500	39.0500	51.1200	0.3171		
3/8/2019	95.1613	0.8514	0.2524	1.1118	3.1653	256.2680	26.3500	39.0800	51.1800	0.4072		
3/9/2019	94.6174	0.8891	0.2393	1.1375	3.2961	256.1712	19.4200	39.0800	51.1300	0.5334		
3/10/2019	94.8769	0.8616	0.2443	1.1140	3.4795	256.0822	15.8000	39.2000	51.2600	0.4613		
3/11/2019	95.0017	0.7774	0.2405	1.0291	3.2348	255.4677	14.0900	39.1500	51.2500	0.3712		
3/12/2019	94.9208	0.7654	0.2205	1.0078	3.2597	255.4257	23.8400	39.0900	51.1600	0.4343		
3/13/2019	95.0957	0.9340	0.2448	1.1951	3.1882	255.9380	24.4400	39.0600	51.1300	0.6325		
3/14/2019	95.0805	0.9118	0.2696	1.1944	3.0112	256.3445	26.4500	39.0200	51.0400	0.3442		
3/15/2019	95.1591	0.9247	0.2555	1.1852	3.1973	256.2181	28.0600	39.0700	51.1300	0.6145		
3/16/2019	95.1450	0.9315	0.2620	1.1954	3.1793	256.6776	26.3500	39.1000	51.1600	0.7046		
3/17/2019	95.0106	0.8917	0.2520	1.1515	3.3203	257.0120	28.2600	39.1400	51.1900	0.4523		
3/18/2019	95.1714	0.8855	0.2528	1.1539	3.3258	256.7229	28.2600	39.1200	51.1800	0.1369		
3/19/2019	94.9940	0.9140	0.2406	1.1724	3.0587	256.7075	26.8500	39.0500	51.1100	0.0000		
3/20/2019	94.9664	0.8463	0.2393	1.1202	3.1365	256.2550	26.0500	39.0600	51.1100	0.0000		
3/21/2019	94.7563	0.8562	0.2205	1.1220	2.9613	255.7090	19.7200	39.0600	51.1600	0.0468		
3/22/2019	95.2427	0.8781	0.2444	1.1409	3.0639	256.0202	23.9400	39.0500	51.1500	0.5153		
3/23/2019	95.0831	0.8876	0.2610	1.1560	3.0456	256.1005	21.2300	39.0000	51.0800	0.2991		
3/24/2019	95.0911	0.9111	0.2515	1.1711	3.2822	256.2987	16.4000	39.0900	51.1400	0.2721		
3/25/2019	94.4610	0.8727	0.2447	1.1248	3.3193	255.9239	19.8200	39.1300	51.2000	0.4973		
3/26/2019	94.7220	0.8875	0.2442	1.1692	3.5335	256.1147	20.7200	39.1700	51.1800	0.5784		
3/27/2019	94.8449	0.8658	0.2451	1.1257	3.4153	255.8135	24.3400	39.1100	51.1400	0.5874		
3/28/2019	94.8881	0.8997	0.2751	1.1800	3.1354	255.9210	24.9400	39.0600	51.1600	0.0000		
3/29/2019	94.6412	0.8899	0.2675	1.1643	3.4524	256.3916	24.6400	39.1600	51.2200	0.1549		
3/30/2019	94.7977	0.8828	0.2508	1.1694	3.4235	256.2843	22.2300	39.1400	51.1900	0.2631		
3/31/2019	94.6003	0.8184	0.2546	1.0834	3.4631	256.4294	25.2500	39.1900	51.2300	0.0198		

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Mínimo	94.4610	0.7654	0.2205	1.0078	2.6966	255.4257	14.0900	39.0000	51.0400	0.0000		
Promedio	95.0072	0.8649	0.2528	1.1340	3.1760	256.2350	23.6277	39.0897	51.1658	0.3472		
Máximo	95.4966	0.9340	0.2861	1.1954	3.5335	257.0120	28.2600	39.2000	51.2600	0.7046		
Desv. Est.	0.24767	0.04415	0.01477	0.04414	0.20474	0.35834	3.63350	0.05030	0.04745	0.20432		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.