


**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

<b>PERMISIONARIO:</b>	<b>NATGASMEX, S.A. DE C.V.</b>	
<b>PUNTO DE MEDICIÓN:</b>	<b>Tetla</b>	
<b>ZONA DE MEDICIÓN:</b>	<b>SUR</b>	

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.
11/1/2020	95.2613	0.7682	0.9120	1.6801	2.9170	247.4366	14.3300	38.7600	50.7900	0.3328		
11/2/2020	95.2659	0.7689	0.9010	1.6700	2.9146	246.9821	14.0400	38.7600	50.8100	0.2865		
11/3/2020	95.4289	0.6627	0.9520	1.6146	2.7850	246.9256	12.3100	38.7600	50.8600	0.2408		
11/4/2020	95.3445	0.7043	0.9441	1.6484	2.8212	246.7901	10.9100	38.7500	50.8300	0.2118		
11/5/2020	95.4239	0.7042	0.9923	1.6966	2.7150	247.3339	11.3100	38.7000	50.7900	0.2390		
11/6/2020	95.7594	0.5603	1.1268	1.6872	2.4480	244.8389	10.8300	38.6000	50.7500	0.2012		
11/7/2020	95.7700	0.6318	1.0232	1.6550	2.4626	244.7139	11.3900	38.6100	50.7600	0.1866		
11/8/2020	95.5020	0.6897	0.9668	1.6564	2.6863	245.7553	11.7800	38.7000	50.8000	0.1722		
11/9/2020	95.3056	0.7057	0.8846	1.5903	2.9513	246.1747	13.0000	38.7800	50.8800	0.1611		
11/10/2020	95.4835	0.7474	0.8122	1.5596	2.8189	247.9866	12.7000	38.7700	50.8800	0.2219		
11/11/2020	95.2122	0.7322	0.8744	1.6068	3.0225	247.7508	10.0200	38.8200	50.8600	0.2849		
11/12/2020	95.0430	0.7663	0.8184	1.5846	3.2266	246.5131	10.7100	38.8700	50.9200	0.2781		
11/13/2020	95.0638	0.7540	0.8335	1.5875	3.2078	247.5361	10.3200	38.8800	50.9200	0.2468		
11/14/2020	95.0733	0.6328	0.9310	1.5638	3.2337	244.8375	10.2600	38.8900	50.9800	0.2037		
11/15/2020	95.5347	0.6841	0.8467	1.5307	2.7977	245.4588	10.3600	38.7800	50.8900	0.1608		
11/16/2020	95.4014	0.7469	0.7765	1.5235	2.9420	246.9630	10.2500	38.8100	50.9100	0.1643		
11/17/2020	95.6471	0.6811	0.8282	1.5095	2.7082	245.7161	10.3000	38.7500	50.9000	0.1945		
11/18/2020	95.6825	0.6909	0.8389	1.5298	2.6681	244.7828	9.7200	38.7200	50.8700	0.2536		
11/19/2020	95.5278	0.7366	0.8138	1.5504	2.7744	246.8492	9.7100	38.7600	50.8700	0.2962		
11/20/2020	95.5287	0.7278	0.8087	1.5364	2.8142	246.1967	10.3800	38.7500	50.8800	0.3237		
11/21/2020	95.4736	0.7661	0.8118	1.5778	2.8408	246.4121	10.9300	38.7500	50.8500	0.3172		
11/22/2020	95.4475	0.7246	0.8575	1.5822	2.8576	246.1974	10.7600	38.7500	50.8600	0.2906		
11/23/2020	95.4821	0.7214	0.8333	1.5548	2.8281	248.1911	10.5300	38.7700	50.8800	0.2777		
11/24/2020	95.5965	0.7256	0.8889	1.6144	2.6503	250.2309	10.8600	38.6900	50.7900	0.2829		
11/25/2020	95.5992	0.7326	0.8574	1.5900	2.6981	249.0872	11.6800	38.7100	50.8300	0.3081		
11/26/2020	95.5938	0.8037	0.7273	1.5311	2.7453	248.6790	10.2600	38.7500	50.8800	0.3065		
11/27/2020	95.4936	0.8089	0.7162	1.5251	2.8644	249.5186	9.2700	38.7800	50.8800	0.3171		
11/28/2020	95.4860	0.8085	0.7537	1.5622	2.8307	249.5183	9.3800	38.7600	50.8700	0.2908		
11/29/2020	95.5210	0.8491	0.6998	1.5490	2.7738	249.4482	9.7700	38.7600	50.8600	0.2799		
11/30/2020	95.5602	0.7726	0.7738	1.5465	2.7705	248.6856	9.2900	38.7500	50.8600	0.2770		

\*/ 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>	95.0430	0.5603	0.6998	1.5095	2.4480	244.7139	9.2700	38.6000	50.7500	0.1608		
<b>Promedio</b>	95.4504	0.7270	0.8602	1.5871	2.8258	247.1170	10.9120	38.7563	50.8570	0.2536		
<b>Máximo</b>	95.7700	0.8491	1.1268	1.6966	3.2337	250.2309	14.3300	38.8900	50.9800	0.3328		
<b>Desv. Est.</b>	0.18744	0.05944	0.09417	0.05453	0.18285	1.55317	1.28879	0.06311	0.05046	0.05353		

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.
11/1/2020	95.3006	0.8037	0.9279	1.7187	2.9659	264.9552	16.5000	38.8200	50.8500	0.4343		
11/2/2020	95.3644	0.8042	0.9444	1.7283	2.9939	250.7915	15.5000	38.8400	50.8700	0.3712		
11/3/2020	95.7119	0.7782	0.9996	1.7190	2.9963	264.9993	31.0700	38.9100	50.9400	0.3622		
11/4/2020	95.6573	0.8035	1.0487	1.7611	3.1530	249.4322	13.7900	39.0800	50.9900	0.3171		
11/5/2020	95.8627	0.8573	1.1573	1.7611	3.0506	264.2636	16.9000	38.8800	50.8900	0.3351		
11/6/2020	95.9354	0.6346	1.2474	1.7575	2.6356	247.9800	12.2800	38.6700	50.8400	0.3081		
11/7/2020	95.8378	0.6813	1.1208	1.6878	2.6217	264.6182	12.9800	38.6700	50.8300	0.2721		
11/8/2020	95.7857	0.7212	1.0015	1.6903	2.7887	248.4521	31.7800	38.7500	50.8800	0.2721		
11/9/2020	95.6993	0.8189	1.0579	1.6566	3.3677	264.6393	17.3100	38.9200	50.9500	0.2811		
11/10/2020	95.7671	0.8342	0.9498	1.6380	3.1715	249.4017	18.2100	38.9300	51.0200	0.2901		
11/11/2020	95.4890	0.8064	0.9066	1.6470	3.2825	264.6341	11.9800	38.8900	50.9400	0.3802		
11/12/2020	95.1275	0.8246	0.8936	1.6422	3.3114	248.9669	37.3100	38.9000	50.9500	0.3982		
11/13/2020	95.2523	0.8609	0.9211	1.6385	3.4234	263.5848	12.7800	39.0900	51.0300	0.3622		
11/14/2020	95.2185	0.6899	1.1330	1.6094	3.4158	249.4667	12.3800	38.9800	51.0200	0.3081		
11/15/2020	95.8121	0.8599	0.8749	1.5940	3.3911	263.6193	12.7800	38.9700	51.0100	0.2540		
11/16/2020	95.8741	0.9578	0.8703	1.6189	3.2862	250.6995	11.5800	39.0100	51.0000	0.2270		
11/17/2020	95.9014	0.7766	0.9197	1.5743	3.0081	264.1498	12.1800	38.8500	50.9600	0.2631		
11/18/2020	96.0177	0.7943	0.9598	1.5821	2.9021	248.5728	11.6800	38.8100	50.9300	0.3261		
11/19/2020	95.6261	0.8117	0.8509	1.6239	2.8767	263.5901	10.8700	38.7900	50.9200	0.3802		
11/20/2020	95.6452	0.8248	0.8635	1.6058	2.9268	248.7430	12.1800	38.8100	50.9400	0.4072		
11/21/2020	95.6381	0.8166	0.8458	1.6369	3.0474	264.4357	12.4800	38.8100	50.8900	0.4072		
11/22/2020	95.5436	0.7746	0.8934	1.6334	2.9946	248.8704	13.2900	38.8000	50.8900	0.3622		
11/23/2020	95.6147	0.7893	0.9415	1.6418	2.9994	263.7214	12.3800	38.8700	50.9400	0.3892		
11/24/2020	95.7922	0.8202	1.0026	1.7266	2.9542	252.5383	13.0800	38.8700	50.9500	0.3892		
11/25/2020	95.8325	0.8287	0.9403	1.6505	2.9174	263.7880	16.9000	38.7900	50.8800	0.4252		
11/26/2020	95.7639	0.8838	0.8033	1.6008	2.8313	251.2058	13.6900	38.7900	50.9000	0.4072		
11/27/2020	95.5322	0.8860	0.7811	1.6038	2.9082	263.7997	12.0800	38.8000	50.9100	0.4523		
11/28/2020	95.5806	0.8798	0.7807	1.6009	2.9059	252.9958	11.6800	38.8000	50.8900	0.4252		
11/29/2020	95.5781	0.8869	0.7539	1.5843	2.8079	262.7870	12.1800	38.8000	50.8800	0.3712		
11/30/2020	95.8023	0.8851	0.8836	1.6484	2.8910	251.0216	11.0700	38.8000	50.9100	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	95.1275	0.6346	0.7539	1.5743	2.6217	247.9800	10.8700	38.6700	50.8300	0.2270		
Promedio	95.6521	0.8132	0.9425	1.6527	3.0275	257.0241	15.3623	38.8567	50.9267	0.3523		
Máximo	96.0177	0.9578	1.2474	1.7611	3.4234	264.9993	37.3100	39.0900	51.0300	0.4523		
Desv. Est.	0.22353	0.06745	0.11659	0.05616	0.21888	7.29237	6.48054	0.10011	0.05479	0.06057		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Registros Mínimos diarios)

<b>PERMISIONARIO:</b>	<b>NATGASMEX, S.A. DE C.V.</b>	
<b>PUNTO DE MEDICIÓN:</b>	<b>Tetla</b>	
<b>ZONA DE MEDICIÓN:</b>	<b>SUR</b>	

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.
11/1/2020	95.1634	0.7418	0.8756	1.6500	2.8788	245.2630	12.6800	38.7400	50.7700	0.2360		
11/2/2020	95.1654	0.7447	0.8608	1.6124	2.8592	245.2024	12.8800	38.7400	50.7700	0.2090		
11/3/2020	95.1039	0.6147	0.8812	1.5294	2.5387	244.2493	8.8600	38.6700	50.7800	0.1459		
11/4/2020	94.6406	0.6296	0.8993	1.5520	2.5799	244.7440	9.1700	38.6600	50.7200	0.1009		
11/5/2020	95.0374	0.5592	0.8298	1.6361	2.2936	244.2493	8.7600	38.5300	50.6900	0.1369		
11/6/2020	95.6323	0.4833	1.0555	1.6166	2.2382	242.3861	9.6700	38.5200	50.7000	0.1279		
11/7/2020	95.5899	0.5284	0.9800	1.6251	2.3908	242.3911	10.0700	38.5800	50.7300	0.0828		
11/8/2020	95.3892	0.6279	0.9390	1.5791	2.4322	243.3202	9.8700	38.5900	50.7300	0.1009		
11/9/2020	94.9432	0.5683	0.7658	1.5466	2.5561	243.5173	3.3400	38.6800	50.8100	0.0828		
11/10/2020	95.0991	0.6583	0.6199	1.4101	2.5581	246.0989	7.7600	38.6900	50.7800	0.1549		
11/11/2020	94.9880	0.6746	0.8195	1.5718	2.7837	244.1726	8.4600	38.7400	50.8200	0.1639		
11/12/2020	94.9590	0.6979	0.7707	1.5421	3.1647	244.2519	8.4600	38.8300	50.8500	0.1639		
11/13/2020	94.7018	0.6584	0.7085	1.5246	3.0355	244.6005	8.0600	38.8200	50.8600	0.1009		
11/14/2020	94.8611	0.4764	0.8507	1.5368	3.0715	241.2116	8.1600	38.8200	50.9200	0.0919		
11/15/2020	94.8955	0.6256	0.6800	1.4887	2.5601	243.0339	8.7600	38.7000	50.8500	0.0648		
11/16/2020	94.9106	0.6170	0.6335	1.4629	2.5310	244.9525	9.2700	38.7100	50.8600	0.0919		
11/17/2020	95.3466	0.6317	0.7300	1.4477	2.4424	243.1375	9.0600	38.6600	50.8300	0.1369		
11/18/2020	95.4064	0.5514	0.7359	1.4815	2.3033	241.4291	8.5600	38.6000	50.7900	0.1639		
11/19/2020	95.3857	0.7034	0.7384	1.4765	2.6982	245.1277	8.2600	38.7200	50.8100	0.2090		
11/20/2020	95.3724	0.6871	0.7494	1.4825	2.6790	244.6073	8.8600	38.7100	50.8100	0.2631		
11/21/2020	95.2675	0.7195	0.7711	1.5212	2.6905	244.1693	8.9600	38.7200	50.8000	0.2000		
11/22/2020	95.3314	0.6818	0.8005	1.5475	2.8033	244.1537	8.7600	38.7200	50.8000	0.2090		
11/23/2020	95.1846	0.6296	0.7772	1.5128	2.6948	245.5974	8.5600	38.6900	50.8300	0.1369		
11/24/2020	95.3140	0.6494	0.7707	1.5002	2.4513	248.2497	8.5600	38.6100	50.7100	0.1730		
11/25/2020	95.4019	0.6926	0.7457	1.5189	2.4335	245.9968	8.5600	38.6100	50.7400	0.1820		
11/26/2020	95.4219	0.7219	0.6824	1.4692	2.6579	246.5786	7.6600	38.7200	50.8200	0.1820		
11/27/2020	95.4269	0.7712	0.6674	1.4997	2.8180	247.3181	7.0500	38.7500	50.8200	0.1549		
11/28/2020	95.4280	0.7708	0.6812	1.5086	2.7606	247.2493	3.0300	38.7500	50.8200	0.1459		
11/29/2020	95.4688	0.8145	0.6815	1.5100	2.7614	247.0801	8.5600	38.7500	50.8200	0.1820		
11/30/2020	95.4348	0.7076	0.6688	1.5029	2.5202	247.0463	8.0600	38.6500	50.7700	0.1910		

\*/ 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>	94.6406	0.4764	0.6199	1.4101	2.2382	241.2116	3.0300	38.5200	50.6900	0.0648		
<b>Promedio</b>	95.2090	0.6546	0.7790	1.5288	2.6396	244.7129	8.5577	38.6893	50.7937	0.1528		
<b>Máximo</b>	95.6323	0.8145	1.0555	1.6500	3.1647	248.2497	12.8800	38.8300	50.9200	0.2631		
<b>Desv. Est.</b>	0.25773	0.08272	0.10434	0.05778	0.22892	1.75643	1.90082	0.07825	0.05353	0.04917		

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