

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.
01/07/2019	94.6738	0.7366	0.2287	0.9653	3.8944	252.5190	25.3700	39.6000	51.6200	0.0172	<10.8	0.00
02/07/2019	94.7245	0.7141	0.2430	0.9571	3.8020	252.6227	25.9700	39.5600	51.6100	0.0148		
03/07/2019	94.5186	0.7041	0.2651	0.9691	3.7614	253.3014	26.8500	39.7400	51.7100	0.0139		
04/07/2019	94.9330	0.7056	0.2460	0.9517	3.5333	255.3691	28.0200	39.5600	51.6100	0.0156		
05/07/2019	94.8918	0.6826	0.2377	0.9202	3.5830	255.6740	29.2800	39.6000	51.6500	0.0285		
06/07/2019	94.5879	0.7147	0.2611	0.9758	3.8368	252.8578	26.7400	39.6500	51.6700	0.0241		
07/07/2019	94.1074	0.7003	0.2458	0.9461	4.2195	253.2487	26.9600	39.8800	51.7900	0.0330		
08/07/2019	93.9244	0.6913	0.2570	0.9484	4.3595	253.3087	26.3600	39.9300	51.8300	0.0180		
09/07/2019	93.8524	0.7056	0.2561	0.9618	4.3913	253.8518	26.6700	39.9500	51.8200	0.0195		
10/07/2019	93.9417	0.7098	0.2666	0.9765	4.3550	253.7290	26.7000	39.8700	51.7900	0.0176		
11/07/2019	94.0286	0.7272	0.2759	1.0030	4.2712	253.9917	26.7800	39.8200	51.7400	0.0189		
12/07/2019	93.9714	0.7384	0.2764	1.0149	4.2802	254.0677	27.3200	39.8500	51.7500	0.0187		
13/07/2019	94.0315	0.7367	0.2460	0.9827	4.2249	253.5934	27.1200	39.8600	51.7700	0.0175		
14/07/2019	94.1999	0.7494	0.2598	1.0092	4.1619	253.6284	27.2500	39.7300	51.6700	0.0218		
15/07/2019	94.6648	0.7119	0.2607	0.9726	3.8113	255.3185	29.6900	39.6200	51.6300	0.0305		
16/07/2019	94.7783	0.6841	0.2594	0.9435	3.8105	256.2405	33.6300	39.5500	51.6200	0.0311		
17/07/2019	94.0343	0.6809	0.2439	0.9248	4.1347	257.0193	35.6800	39.9900	51.8700	0.2443		
18/07/2019	93.0189	0.6530	0.2307	0.8837	4.7513	257.8957	35.0300	40.5100	52.1800	1.1448		
19/07/2019	93.3907	0.6815	0.2538	0.9353	4.8056	257.8754	35.2300	40.1800	51.9600	1.6587		
20/07/2019	93.3737	0.7181	0.2533	0.9714	4.7763	257.8962	34.7400	40.1600	51.9200	1.4956		
21/07/2019	93.2447	0.6844	0.2516	0.9360	4.8501	257.9401	34.4800	40.2500	52.0100	0.6830		
22/07/2019	93.1511	0.6840	0.2493	0.9334	4.8743	258.0337	34.4500	40.3200	52.0400	0.4602		
23/07/2019	93.2973	0.6595	0.2422	0.9017	4.9110	257.9978	34.2500	40.2100	52.0000	0.3317		
24/07/2019	93.2183	0.6644	0.2272	0.8916	4.9290	257.8362	34.0400	40.2700	52.0500	0.7661		
25/07/2019	93.2664	0.6794	0.2398	0.9193	4.9377	258.0772	34.2700	40.2000	52.0000	0.6795		
26/07/2019	93.2068	0.6825	0.2369	0.9193	4.9956	257.9691	33.9400	40.2200	52.0100	0.6171		
27/07/2019	93.2616	0.6677	0.2322	0.9000	4.9306	258.0045	33.9500	40.2400	52.0300	0.2209		
28/07/2019	94.0470	0.7241	0.2730	0.9971	4.3356	255.3151	33.8000	39.8000	51.7200	0.0882		
29/07/2019	93.6216	0.6941	0.2535	0.9477	4.6110	256.6308	33.6700	40.0500	51.8900	0.1075		
30/07/2019	93.1054	0.6782	0.2411	0.9194	5.0784	258.0613	34.2600	40.2300	52.0300	0.2165		
31/07/2019	93.1092	0.6819	0.2302	0.9120	5.0415	258.0167	33.3500	40.2800	52.0400	0.2860		

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

Mínimo	93.0189	0.6530	0.2272	0.8837	3.5333	252.5190	25.3700	39.5500	51.6100	0.0139		
Promedio	93.8767	0.6983	0.2498	0.9481	4.3954	255.7384	30.8339	39.9574	51.8397	0.3013		
Máximo	94.9330	0.7494	0.2764	1.0149	5.0784	258.0772	35.6800	40.5100	52.1800	1.6587		
Desv. Est.	0.61902	0.02480	0.01379	0.03464	0.48025	2.09567	3.74407	0.27653	0.16788	0.44595		

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.
01/07/2019	94.7152	0.7609	0.2427	0.9874	3.9581	253.2538	49.8700	39.6300	51.6700	0.0919		
02/07/2019	94.8593	0.7550	0.2617	0.9899	3.9472	253.7967	28.0600	39.6200	51.6500	0.0919		
03/07/2019	94.8371	0.7347	0.2851	1.0109	4.0581	254.4928	51.1700	40.1100	51.9600	0.0919		
04/07/2019	95.0873	0.7747	0.2765	1.0498	3.6345	256.9079	30.8700	39.6500	51.7100	0.0828		
05/07/2019	95.0668	0.7719	0.2788	1.0463	3.8417	259.1170	35.6000	39.8000	51.7600	0.1459		
06/07/2019	94.7998	0.7848	0.2835	1.0245	4.0998	253.7648	31.3800	40.0700	51.9300	0.1099		
07/07/2019	94.5527	0.7428	0.2794	1.0123	4.6046	254.8632	29.5700	40.2400	52.0300	0.1099		
08/07/2019	94.1555	0.7183	0.2681	0.9853	4.5581	254.1446	30.0700	40.0700	51.9200	0.1009		
09/07/2019	94.0401	0.7577	0.2638	1.0121	4.4627	255.1989	30.0700	39.9800	51.8600	0.1009		
10/07/2019	94.0704	0.7358	0.2786	1.0121	4.4626	255.1891	31.7800	39.9800	51.8600	0.0919		
11/07/2019	94.1185	0.7619	0.2865	1.0478	4.3704	254.8658	42.7300	39.8700	51.7700	0.1099		
12/07/2019	94.0759	0.7622	0.2898	1.0386	4.3554	255.3512	42.9300	39.9100	51.7900	0.1099		
13/07/2019	94.1027	0.7764	0.2808	1.0435	4.2728	254.7183	31.6800	39.9500	51.8400	0.0919		
14/07/2019	94.5635	0.7881	0.2882	1.0757	4.3280	255.0741	50.4700	39.9300	51.8300	0.0919		
15/07/2019	94.8512	0.7789	0.2845	1.0586	4.2619	256.6704	55.0900	39.8300	51.7600	0.1459		
16/07/2019	94.8657	0.7131	0.2707	0.9808	3.8880	258.0536	45.2400	39.6000	51.6700	0.1099		
17/07/2019	94.8110	0.7263	0.2622	0.9778	4.5987	258.0917	40.9200	40.4700	52.1700	0.8848		
18/07/2019	93.4371	0.7043	0.2514	0.9497	5.0811	259.0746	41.3300	40.7200	52.3000	1.4254		
19/07/2019	93.6173	0.7208	0.2684	0.9845	5.0374	259.6899	40.5200	40.7800	52.3600	2.2904		
20/07/2019	93.4720	0.7480	0.2649	1.0081	4.8930	259.4170	50.2700	40.3400	52.0400	1.9120		
21/07/2019	93.6042	0.7191	0.2669	0.9822	5.0777	259.2333	38.7100	40.7500	52.3400	1.2362		
22/07/2019	93.6015	0.7386	0.2660	0.9976	5.0745	259.6175	41.3300	40.7400	52.3200	0.6145		
23/07/2019	93.4761	0.7087	0.2587	0.9612	4.9757	258.7962	40.8200	40.2500	52.0400	0.6235		
24/07/2019	93.3121	0.6847	0.2426	0.9154	5.0174	259.1871	39.2100	40.3300	52.0900	1.1911		
25/07/2019	93.3132	0.6883	0.2455	0.9318	4.9684	259.7973	50.6700	40.2200	52.0200	0.8848		
26/07/2019	93.3063	0.6955	0.2443	0.9389	5.1148	258.9590	38.6100	40.3100	52.0800	0.9749		
27/07/2019	93.4415	0.7227	0.2587	0.9781	5.0067	259.7179	39.1100	40.3000	52.0700	0.4162		
28/07/2019	94.5680	0.7699	0.3200	1.0820	4.8962	259.6888	44.6400	40.5100	52.1900	0.2721		
29/07/2019	94.4925	0.7610	0.3171	1.0781	4.9979	258.3927	40.5200	40.4500	52.1500	0.2270		
30/07/2019	93.2828	0.6968	0.2523	0.9441	5.2212	259.9219	58.5100	40.3000	52.0800	0.3982		
31/07/2019	93.1886	0.7025	0.2380	0.9321	5.1061	260.4155	39.7200	40.3300	52.0900	0.4162		

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Mínimo	93.1886	0.6847	0.2380	0.9154	3.6345	253.2538	28.0600	39.6000	51.6500	0.0828		
Promedio	94.1189	0.7389	0.2702	1.0012	4.5862	257.2730	40.6926	40.1626	51.9790	0.4982		
Máximo	95.0873	0.7881	0.3200	1.0820	5.2212	260.4155	58.5100	40.7800	52.3600	2.2904		
Desv. Est.	0.63498	0.03080	0.01971	0.04588	0.46795	2.35741	8.05123	0.34481	0.20761	0.58537		

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.
01/07/2019	94.5670	0.6924	0.2131	0.9231	3.8260	251.5583	23.0300	39.5600	51.5900	0.0000		
02/07/2019	94.5792	0.6713	0.2137	0.9183	3.7120	251.5710	24.1400	39.5100	51.5600	0.0000		
03/07/2019	93.9475	0.6623	0.2272	0.8998	3.5354	251.4264	25.3500	39.5300	51.5700	0.0000		
04/07/2019	94.7535	0.6587	0.2192	0.8795	3.4611	252.8438	24.7400	39.4300	51.5100	0.0000		
05/07/2019	94.4435	0.6401	0.2076	0.8571	3.4679	252.9351	25.4500	39.4400	51.5200	0.0000		
06/07/2019	94.0021	0.6705	0.2197	0.9083	3.6812	251.6026	23.5400	39.5100	51.5400	0.0000		
07/07/2019	93.4764	0.6596	0.1840	0.8741	3.9799	252.2561	24.7400	39.5900	51.6100	0.0000		
08/07/2019	93.7334	0.6573	0.2434	0.9098	4.1981	252.1012	23.5400	39.7900	51.7300	0.0000		
09/07/2019	93.8026	0.6715	0.2440	0.9258	4.2820	252.9320	24.6400	39.8800	51.7600	0.0000		
10/07/2019	93.8003	0.6824	0.2503	0.9438	4.2801	252.4023	15.9000	39.8000	51.7200	0.0000		
11/07/2019	93.9497	0.7088	0.2637	0.9748	4.1317	253.0325	16.8000	39.7800	51.6800	0.0000		
12/07/2019	93.8860	0.7168	0.2601	0.9772	4.1849	253.0383	16.4000	39.8000	51.7000	0.0000		
13/07/2019	93.9925	0.6854	0.2094	0.9204	4.1713	252.4665	16.0000	39.7800	51.6800	0.0000		
14/07/2019	93.9920	0.7141	0.2090	0.9265	3.9630	252.2327	25.1400	39.5700	51.5800	0.0000		
15/07/2019	94.0439	0.6800	0.2295	0.9219	3.5996	252.8428	26.9500	39.5300	51.5600	0.0000		
16/07/2019	94.6842	0.6527	0.2375	0.8914	3.7196	255.0159	27.4600	39.5000	51.5700	0.0000		
17/07/2019	93.1870	0.6455	0.2072	0.8634	3.7702	255.9348	28.8600	39.5300	51.5900	0.0000		
18/07/2019	92.5215	0.6154	0.2091	0.8264	4.4380	256.3271	31.8800	40.3100	52.0600	0.6235		
19/07/2019	92.5347	0.6196	0.2266	0.8540	4.6955	256.9572	31.7800	40.0400	51.8900	0.7767		
20/07/2019	93.0928	0.6913	0.2419	0.9445	4.6996	256.8946	25.2500	40.0800	51.8900	1.1281		
21/07/2019	92.5250	0.6242	0.2230	0.8589	4.7029	256.8363	28.0600	40.0400	51.8900	0.1730		
22/07/2019	92.5291	0.6268	0.2230	0.8640	4.7067	256.9769	24.7400	40.0500	51.8900	0.2270		
23/07/2019	93.2465	0.6484	0.2294	0.8796	4.7747	256.9593	27.3600	40.1100	51.9200	0.1730		
24/07/2019	93.1481	0.6469	0.2139	0.8717	4.8446	256.9579	26.5500	40.2000	51.9900	0.2360		
25/07/2019	93.2360	0.6678	0.2255	0.9021	4.8833	257.0898	29.0600	40.1700	51.9700	0.3351		
26/07/2019	93.1015	0.6562	0.2177	0.8743	4.8715	257.0055	30.5700	40.1800	51.9800	0.2000		
27/07/2019	93.1704	0.6495	0.2144	0.8757	4.7632	256.9067	27.5600	40.1100	51.9200	0.0198		
28/07/2019	92.9934	0.6508	0.2249	0.8819	3.9992	252.4882	27.3600	39.5000	51.5100	0.0000		
29/07/2019	93.1022	0.6549	0.2168	0.8821	4.0852	253.7704	30.3700	39.5400	51.5400	0.0108		
30/07/2019	92.9748	0.6450	0.2170	0.8733	4.8824	256.8242	28.3600	40.1700	51.9600	0.0919		
31/07/2019	93.0166	0.6445	0.2197	0.8733	4.9779	256.7076	29.9700	40.2400	52.0000	0.1549		

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Mínimo	92.5215	0.6154	0.1840	0.8264	3.4611	251.4264	15.9000	39.4300	51.5100	0.0000		
Promedio	93.5495	0.6616	0.2239	0.8960	4.2351	254.3514	25.5339	39.8152	51.7381	0.1339		
Máximo	94.7535	0.7168	0.2637	0.9772	4.9779	257.0898	31.8800	40.3100	52.0600	1.1281		
Desv. Est.	0.66853	0.02591	0.01670	0.03544	0.48985	2.22330	4.34223	0.29074	0.18258	0.26213		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.