

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.
01/07/2017	96.2597	0.6720	0.2643	0.9363	2.4861	254.4767	25.0800	39.0400	51.3400	0.0579	<10.8	0.00
02/07/2017	96.2544	0.7732	0.2693	1.0426	2.4178	254.4447	23.8900	38.9800	51.2500	0.0579		
03/07/2017	95.9821	0.7503	0.2970	1.0473	2.6713	254.4493	24.2000	39.0600	51.2700	0.0579		
04/07/2017	96.1755	0.7321	0.2743	1.0066	2.5241	254.1631	24.0900	39.0100	51.2600	0.0579		
05/07/2017	96.0097	0.7057	0.2607	0.9665	2.7387	253.9066	23.7700	39.1000	51.3400	0.0579		
06/07/2017	95.8393	0.6362	0.2612	0.8973	2.9740	253.8685	22.7000	39.2100	51.4600	0.1680		
07/07/2017	95.8639	0.5845	0.2752	0.8598	2.9499	253.8477	23.5000	39.2300	51.4900	0.1620		
08/07/2017	96.0749	0.5725	0.2600	0.8326	2.7909	253.5145	23.8800	39.1900	51.5000	0.1049		
09/07/2017	96.0156	0.5908	0.2554	0.8463	2.8230	254.0980	23.2800	39.1900	51.5000	0.0310		
10/07/2017	96.0739	0.6201	0.2419	0.8619	2.7707	253.9025	24.1500	39.1600	51.4500	0.0310		
11/07/2017	95.9848	0.6378	0.2337	0.8715	2.8331	253.4323	24.1700	39.1700	51.4400	0.0310		
12/07/2017	95.9146	0.6267	0.2463	0.8730	2.8863	252.3911	23.3400	39.1800	51.4700	0.0310		
13/07/2017	96.2313	0.6277	0.2483	0.8760	2.5753	254.4531	21.6200	39.1100	51.4000	0.0310		
14/07/2017	96.2381	0.6085	0.2445	0.8530	2.6238	256.0401	24.1300	39.1300	51.4400	0.0310		
15/07/2017	95.5702	0.6822	0.2339	0.9160	3.2125	255.9416	27.2000	39.2800	51.4800	0.0310		
16/07/2017	95.1544	0.7397	0.2310	0.9707	3.5530	254.6142	27.6500	39.3400	51.4800	0.0318		
17/07/2017	95.1091	0.7704	0.2279	0.9983	3.5923	254.5179	25.1500	39.3300	51.4400	0.0423		
18/07/2017	95.1374	0.7892	0.2599	1.0492	3.5087	254.3368	23.9300	39.2900	51.4000	0.1053		
19/07/2017	95.2609	0.7641	0.2229	0.9870	3.4552	254.7029	23.0700	39.3200	51.4400	0.2627		
20/07/2017	95.2479	0.7245	0.2234	0.9480	3.4905	254.5958	24.3600	39.3400	51.4800	0.0757		
21/07/2017	95.2642	0.6901	0.2248	0.9148	3.4831	255.2149	23.0500	39.3600	51.5100	0.0442		
22/07/2017	95.3734	0.6873	0.2247	0.9120	3.4151	256.4805	22.6500	39.3500	51.5000	0.1678		
23/07/2017	95.2756	0.7192	0.2272	0.9463	3.4879	254.4814	23.1400	39.3200	51.5000	0.2255		
24/07/2017	95.2242	0.7632	0.2258	0.9890	3.5169	253.3622	22.7300	39.3000	51.4400	0.1210		
25/07/2017	95.0472	0.7223	0.2207	0.9430	3.6623	252.9729	20.7400	39.3800	51.5100	0.3936		
26/07/2017	95.1417	0.6996	0.2324	0.9320	3.6327	253.5209	21.6800	39.3900	51.5200	0.4100		
27/07/2017	95.1507	0.7145	0.2343	0.9487	3.5797	253.6598	22.6300	39.3600	51.5000	0.4847		
28/07/2017	94.7542	0.7145	0.2658	0.9804	3.8487	253.5411	22.2200	39.4900	51.5500	0.7108		
29/07/2017	95.0742	0.7218	0.2538	0.9756	3.6385	252.9492	21.3100	39.3700	51.4900	0.5486		
30/07/2017	94.9483	0.6759	0.2651	0.9409	3.7800	252.6864	21.5100	39.4200	51.5500	0.4857		
31/07/2017	95.2168	0.6584	0.2500	0.9083	3.5366	253.0578	21.9200	39.3600	51.5400	0.4212		

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

Mínimo	94.7542	0.5725	0.2207	0.8326	2.4178	252.3911	20.7400	38.9800	51.2500	0.0310		
Promedio	95.5764	0.6895	0.2470	0.9365	3.1761	254.1169	23.4432	39.2503	51.4497	0.1765		
Máximo	96.2597	0.7892	0.2970	1.0492	3.8487	256.4805	27.6500	39.4900	51.5500	0.7108		
Desv. Est.	0.47884	0.06027	0.01950	0.06037	0.44932	0.94490	1.52851	0.13126	0.08110	0.19015		

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.
01/07/2017	96.3984	0.7462	0.2828	1.0111	2.7976	256.0184	50.8700	39.1700	51.4100	0.0648		
02/07/2017	96.4209	0.8272	0.2776	1.1040	2.6402	255.5189	24.9400	39.1400	51.3600	0.0648		
03/07/2017	96.2106	0.8230	0.3469	1.1217	2.9075	255.6457	25.2500	39.1400	51.3400	0.0648		
04/07/2017	96.3900	0.7785	0.2905	1.0593	2.6799	255.3901	24.8400	39.0700	51.3100	0.0558		
05/07/2017	96.2201	0.7774	0.2828	1.0466	3.0729	255.1295	25.3500	39.2500	51.4800	0.1459		
06/07/2017	96.0175	0.6798	0.2740	0.9444	3.1767	255.1931	23.4400	39.2900	51.5100	0.2450		
07/07/2017	96.1053	0.7529	0.3437	1.0841	3.3966	255.2139	28.0600	39.3800	51.5800	0.2450		
08/07/2017	96.3126	0.6102	0.2762	0.8642	2.8868	255.1011	24.9400	39.2600	51.5300	0.2090		
09/07/2017	96.0881	0.6091	0.2738	0.8818	2.8889	255.1033	23.9400	39.2300	51.5200	0.1369		
10/07/2017	96.2145	0.6700	0.2742	0.9058	2.9646	254.8758	25.0400	39.2300	51.5000	0.0648		
11/07/2017	96.1872	0.6707	0.2548	0.9244	2.9896	255.1862	25.3500	39.2500	51.5200	0.0919		
12/07/2017	96.1517	0.6766	0.2621	0.9341	3.0016	253.8951	24.7400	39.2300	51.5000	0.0558		
13/07/2017	96.3329	0.6573	0.2607	0.9085	2.7186	256.6674	22.6300	39.1300	51.4400	0.0468		
14/07/2017	96.4634	0.6800	0.2637	0.9347	2.7689	257.6938	26.2500	39.2600	51.5400	0.0648		
15/07/2017	96.3138	0.7777	0.2582	1.0130	3.6497	257.1710	28.2600	39.3700	51.5900	0.0648		
16/07/2017	95.5300	0.7825	0.2479	1.0266	3.6892	255.6546	28.7600	39.3800	51.5900	0.1099		
17/07/2017	95.2998	0.8127	0.2461	1.0434	3.7995	255.5595	30.6700	39.4300	51.5500	0.1279		
18/07/2017	95.3583	0.8525	0.2993	1.1425	3.7610	255.3331	25.3500	39.3900	51.4700	0.2360		
19/07/2017	95.4583	0.8027	0.2483	1.0373	3.6000	257.0018	24.4400	39.3500	51.4900	0.4072		
20/07/2017	95.4586	0.7779	0.2430	1.0068	3.6781	257.6482	26.1500	39.5500	51.6000	0.2721		
21/07/2017	95.3476	0.7069	0.2387	0.9350	3.5521	256.7623	24.6400	39.4000	51.5600	0.1549		
22/07/2017	95.4670	0.7116	0.2402	0.9510	3.5227	258.3131	23.7400	39.4100	51.5500	0.2811		
23/07/2017	95.3815	0.7544	0.2425	0.9897	3.5963	256.3665	24.1400	39.3600	51.5400	0.2991		
24/07/2017	95.3569	0.8068	0.2442	1.0257	3.6257	254.7020	24.4400	39.3500	51.5000	0.2901		
25/07/2017	95.2031	0.7857	0.2447	1.0019	3.7413	254.1422	22.0300	39.4500	51.5800	0.5063		
26/07/2017	95.3413	0.7250	0.2496	0.9649	3.7978	254.5427	26.1500	39.4200	51.5500	0.5063		
27/07/2017	95.3777	0.7568	0.2594	0.9904	3.7246	254.8575	24.1400	39.4600	51.5700	0.6325		
28/07/2017	95.0374	0.7718	0.2856	1.0139	4.0993	254.8340	23.7400	39.6300	51.6600	0.8668		
29/07/2017	95.2766	0.8041	0.2857	1.0553	3.7838	254.1267	22.7300	39.4300	51.5700	0.7136		
30/07/2017	95.0108	0.7059	0.2764	0.9651	3.8262	254.3372	23.7400	39.4600	51.5800	0.5784		
31/07/2017	95.6249	0.6958	0.2756	0.9455	3.8043	254.7014	23.7400	39.4600	51.6000	0.5514		

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Mínimo	95.0108	0.6091	0.2387	0.8642	2.6402	253.8951	22.0300	39.0700	51.3100	0.0468		
Promedio	95.7857	0.7416	0.2693	0.9946	3.3594	255.5705	25.8871	39.3332	51.5190	0.2630		
Máximo	96.4634	0.8525	0.3469	1.1425	4.0993	258.3131	50.8700	39.6300	51.6600	0.8668		
Desv. Est.	0.48452	0.06409	0.02641	0.06960	0.43793	1.12727	4.99204	0.13090	0.07960	0.22460		

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.
01/07/2017	95.9167	0.6184	0.2377	0.8593	2.3832	252.9178	21.4300	39.0000	51.2800	0.0828		
02/07/2017	95.9685	0.6524	0.2444	0.9002	2.2940	253.1438	22.9300	38.9500	51.1900	0.0828		
03/07/2017	95.7549	0.7069	0.2523	0.9893	2.4324	252.8021	23.1300	38.9700	51.2000	0.0828		
04/07/2017	96.0083	0.6814	0.2521	0.9487	2.3894	252.6144	23.3400	38.9800	51.2400	0.0828		
05/07/2017	95.6296	0.6422	0.2292	0.8780	2.5157	252.3059	21.8300	39.0100	51.2500	0.0828		
06/07/2017	95.5970	0.5987	0.2407	0.8570	2.8085	252.4704	21.3300	39.1500	51.4100	0.0828		
07/07/2017	95.3155	0.5457	0.2496	0.8096	2.7822	251.9231	22.0300	39.1500	51.3100	0.0738		
08/07/2017	95.9046	0.5041	0.2419	0.7572	2.6279	251.6185	23.0300	39.1300	51.4700	0.0108		
09/07/2017	95.9374	0.5754	0.2395	0.8169	2.7759	253.0265	22.7300	39.1700	51.4600	0.0108		
10/07/2017	95.8361	0.5746	0.2008	0.8246	2.6550	252.6820	22.6300	39.1200	51.4000	0.0108		
11/07/2017	95.8064	0.5887	0.2073	0.8003	2.6860	251.9073	23.2400	39.1200	51.4000	0.0108		
12/07/2017	95.7478	0.5946	0.2236	0.8280	2.6953	250.5991	21.8300	39.1300	51.4200	0.0108		
13/07/2017	96.0715	0.6127	0.2290	0.8535	2.5046	251.5867	20.6200	39.0800	51.3800	0.0108		
14/07/2017	96.0996	0.5369	0.2187	0.7622	2.4172	253.2065	21.2300	39.0700	51.3700	0.0108		
15/07/2017	95.0577	0.5889	0.1945	0.8208	2.5579	254.3982	25.6500	39.1000	51.4000	0.0108		
16/07/2017	95.0230	0.6157	0.1967	0.8137	3.3449	253.3326	26.2500	39.3200	51.4300	0.0108		
17/07/2017	94.9534	0.7074	0.2100	0.9283	3.4339	253.2785	22.3300	39.2900	51.4000	0.0108		
18/07/2017	94.7866	0.7283	0.2123	0.9553	3.3757	253.2727	22.5300	39.2600	51.3400	0.0198		
19/07/2017	95.0923	0.7263	0.1968	0.9530	3.2604	252.5214	21.4300	39.2700	51.4000	0.1189		
20/07/2017	95.0465	0.6684	0.2026	0.8861	3.3446	251.4100	14.6900	39.3000	51.4400	0.1189		
21/07/2017	95.2161	0.6622	0.2089	0.8844	3.4453	253.4407	21.5300	39.3300	51.5000	0.1189		
22/07/2017	95.2830	0.6601	0.2084	0.8774	3.3108	254.6406	21.1200	39.3100	51.4800	0.0558		
23/07/2017	95.1451	0.6608	0.2120	0.8779	3.4080	252.4936	22.2300	39.2900	51.4400	0.1459		
24/07/2017	95.0484	0.7106	0.2023	0.9166	3.3806	251.9539	21.2300	39.2800	51.4100	0.1459		
25/07/2017	94.9927	0.6911	0.2045	0.9065	3.5515	251.5722	20.0200	39.3300	51.4500	0.1910		
26/07/2017	94.9398	0.6713	0.2139	0.8912	3.4829	251.7164	20.3200	39.3300	51.4900	0.2991		
27/07/2017	94.9008	0.6441	0.2104	0.8669	3.4546	252.0509	21.0200	39.3100	51.4500	0.3532		
28/07/2017	94.4298	0.6806	0.2334	0.9392	3.6359	252.1147	20.8200	39.3500	51.4500	0.5514		
29/07/2017	94.9138	0.6630	0.2264	0.9262	3.4821	250.7415	20.0200	39.3000	51.4000	0.4072		
30/07/2017	94.8798	0.6629	0.2450	0.9295	3.7184	251.3634	20.2200	39.4000	51.5200	0.3892		
31/07/2017	94.9036	0.6306	0.2249	0.8692	3.1611	250.9116	20.7200	39.2700	51.4800	0.1910		

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Mínimo	94.4298	0.5041	0.1945	0.7572	2.2940	250.5991	14.6900	38.9500	51.1900	0.0108		
Promedio	95.3615	0.6389	0.2216	0.8751	3.0102	252.3876	21.7245	39.1958	51.3955	0.1221		
Máximo	96.0996	0.7283	0.2523	0.9893	3.7184	254.6406	26.2500	39.4000	51.5200	0.5514		
Desv. Est.	0.47298	0.05682	0.01812	0.05769	0.45946	0.97030	1.94459	0.13127	0.08660	0.13936		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.