


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	Bióxido de Carbono	Nitrógeno	Total Inertes	Etano	Temperatura de Rocío	Humedad	Poder Calorífico	Índice Wobbe	Acido Sulfhídrico	Azufre total*	Oxígeno*
	(% vol)	(% vol)	(% vol)	(% vol)	(% vol)	(K)	(mg/m ³)	(MJ/m ³)	(MJ/m ³)	(mg/m ³)	(mg/m ³)	(% 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.
01/04/2019	95.0065	0.8108	0.2861	1.0969	3.4251	258.0190	30.7700	39.3700	51.4000	0.1903	<10.8	0.00
02/04/2019	94.9258	0.8156	0.2868	1.1023	3.5031	258.1503	30.8300	39.4100	51.4200	0.1765		
03/04/2019	94.6293	0.9085	0.2592	1.1676	3.5786	258.3767	32.1400	39.5000	51.4300	0.2761		
04/04/2019	94.6389	0.9381	0.2720	1.2101	3.4535	258.7401	33.4000	39.5300	51.4100	0.5400		
05/04/2019	94.6787	0.8793	0.2841	1.1635	3.4762	258.8151	34.7200	39.5300	51.4500	0.3244		
06/04/2019	95.0663	0.8500	0.2838	1.1338	3.2603	258.7277	35.1900	39.3700	51.3800	0.1529		
07/04/2019	95.0985	0.8494	0.2870	1.1364	3.2519	258.7511	35.5600	39.3500	51.3600	0.1087		
08/04/2019	95.0425	0.8975	0.3049	1.2024	3.2594	259.0061	35.0000	39.3100	51.3100	0.0787		
09/04/2019	95.0499	0.8814	0.2970	1.1785	3.2838	259.1077	34.6300	39.3200	51.3400	0.0675		
10/04/2019	94.9467	0.8680	0.2913	1.1593	3.3840	259.1854	37.2800	39.3700	51.3700	0.0610		
11/04/2019	94.8032	0.8626	0.2653	1.1281	3.6796	258.5961	40.9300	39.3700	51.3800	0.0583		
12/04/2019	94.6810	0.8225	0.2672	1.0897	3.8483	258.3839	40.7500	39.4200	51.4600	0.0462		
13/04/2019	94.6604	0.8646	0.2897	1.1543	3.9343	258.5084	36.4600	39.3300	51.3700	0.0488		
14/04/2019	94.9568	0.8492	0.2890	1.1381	3.6914	259.0527	34.8500	39.2600	51.3400	0.0578		
15/04/2019	94.7654	0.9026	0.2949	1.1975	3.6995	259.2498	34.9000	39.3100	51.3200	0.1906		
16/04/2019	94.7633	0.8952	0.3063	1.2015	3.6134	259.1970	34.6400	39.3500	51.3500	0.2355		
17/04/2019	94.8159	0.8902	0.2897	1.1799	3.7196	259.0197	33.8200	39.2900	51.3200	0.0927		
18/04/2019	94.7162	0.8602	0.2897	1.1500	3.8528	258.8301	34.0600	39.3300	51.3600	0.0776		
19/04/2019	94.7614	0.8638	0.2890	1.1526	3.7613	259.0127	33.4200	39.3400	51.3600	0.0573		
20/04/2019	94.8980	0.8984	0.2964	1.1948	3.6809	258.9753	33.9400	39.2200	51.2800	0.1071		
21/04/2019	95.0852	0.9328	0.2995	1.2323	3.4832	258.5434	35.0000	39.1300	51.2000	0.3320		
22/04/2019	94.7189	0.8799	0.2836	1.1634	3.7883	257.9789	34.7600	39.3200	51.3400	0.4652		
23/04/2019	94.5582	0.7008	0.2445	0.9453	3.8360	258.7614	33.3000	39.6400	51.6700	1.0941		
24/04/2019	93.4793	0.5457	0.2158	0.7616	4.0647	258.4010	31.1300	40.6000	52.3200	1.6394		
25/04/2019	93.0016	0.5381	0.1719	0.7101	4.1109	258.2339	31.0900	41.0200	52.5900	1.9281		
26/04/2019	92.9785	0.5116	0.1485	0.6601	3.9891	258.5012	30.4300	41.1700	52.6900	1.3538		
27/04/2019	92.9718	0.4991	0.1620	0.6611	3.9170	258.7771	28.1200	41.2100	52.7100	0.7983		
28/04/2019	95.0534	0.8829	0.2349	1.1177	3.0730	255.3305	27.5800	39.5000	51.4600	0.8506		
29/04/2019	95.1898	0.9754	0.2408	1.2162	3.1618	255.1328	28.2900	39.2400	51.2500	1.2413		
30/04/2019	93.8764	0.9036	0.2719	1.1756	3.8520	256.5403	30.8500	39.9900	51.7000	1.4851		

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

Mínimo	92.9718	0.4991	0.1485	0.6601	3.0730	255.1328	27.5800	39.1300	51.2000	0.0462		
Promedio	94.5939	0.8259	0.2668	1.0927	3.6211	258.3968	33.5947	39.6033	51.5447	0.4712		
Máximo	95.1898	0.9754	0.3063	1.2323	4.1109	259.2498	40.9300	41.2100	52.7100	1.9281		
Dev. Est.	0.64569	0.12977	0.04184	0.16663	0.27786	1.00660	3.14965	0.58447	0.42780	0.55493		

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.
01/04/2019	95.1330	0.8436	0.2999	1.1260	3.5609	259.2440	36.4000	39.4200	51.4600	0.2901		
02/04/2019	95.0548	0.8650	0.3003	1.1530	3.6434	259.8692	36.3000	39.4700	51.4600	0.3802		
03/04/2019	95.1000	0.9870	0.2881	1.2347	3.7933	260.5814	58.7100	39.6100	51.4800	0.5874		
04/04/2019	94.7387	0.9706	0.2906	1.2436	3.5671	259.6619	37.4100	39.5800	51.4600	0.7226		
05/04/2019	95.1218	0.9546	0.2992	1.2487	3.8209	259.7540	39.3200	39.8000	51.6500	0.5784		
06/04/2019	95.1177	0.9263	0.2930	1.2191	3.3007	261.6993	41.7300	39.3900	51.4100	0.3261		
07/04/2019	95.2536	0.9478	0.3179	1.2417	3.3067	260.4056	42.1300	39.4000	51.4400	0.2721		
08/04/2019	95.1951	0.9268	0.3196	1.2254	3.3494	260.8461	58.4100	39.3500	51.3400	0.2360		
09/04/2019	95.1627	0.9173	0.3092	1.2100	3.3724	261.2562	43.5400	39.4100	51.4100	0.1910		
10/04/2019	95.1126	0.9211	0.3052	1.2098	3.5606	261.5184	44.9400	39.4700	51.4700	0.1820		
11/04/2019	95.1388	0.8971	0.2962	1.1625	3.9171	261.1290	49.0600	39.4600	51.4300	0.1910		
12/04/2019	94.8913	0.8848	0.2853	1.1540	4.0463	261.0475	51.6800	39.5500	51.5300	0.1549		
13/04/2019	94.7894	0.9295	0.3112	1.2202	4.0761	260.8174	49.3700	39.5000	51.5300	0.1730		
14/04/2019	95.1200	0.9042	0.3100	1.2070	3.8693	261.1880	43.8400	39.3000	51.3500	0.1459		
15/04/2019	95.1140	0.9691	0.3191	1.2604	4.0795	260.9713	45.3500	39.4000	51.3500	0.3351		
16/04/2019	94.9915	0.9675	0.3210	1.2575	3.8902	260.9473	40.2200	39.4200	51.3900	0.5514		
17/04/2019	95.0885	0.9263	0.3006	1.2233	4.0626	261.3814	42.8300	39.3800	51.3500	0.2540		
18/04/2019	94.9126	0.9111	0.3103	1.2039	4.0139	261.1467	41.7300	39.4700	51.4900	0.2000		
19/04/2019	95.1137	0.9584	0.3174	1.2503	4.0322	261.0168	39.0100	39.4700	51.4900	0.1639		
20/04/2019	95.3508	0.9670	0.3205	1.2619	4.0946	261.4226	39.8200	39.3400	51.3600	0.3712		
21/04/2019	95.2535	0.9596	0.3149	1.2570	3.5730	261.1242	42.2300	39.1800	51.2300	0.5964		
22/04/2019	95.1000	0.9389	0.3121	1.2367	3.9676	261.1118	55.0900	39.4100	51.4000	0.7947		
23/04/2019	94.7740	0.8872	0.2862	1.1720	4.2195	261.2784	42.4300	39.8200	51.8400	1.4434		
24/04/2019	94.4621	0.6117	0.2701	0.8785	4.3368	264.4337	49.0600	41.4800	52.9300	29.6912		
25/04/2019	93.0602	0.5518	0.1823	0.7297	4.2126	260.6578	34.0900	41.0900	52.6300	2.2904		
26/04/2019	93.0528	0.5369	0.1730	0.7048	4.1074	260.4698	50.1700	41.2800	52.7700	2.1102		
27/04/2019	93.7655	0.6963	0.2257	0.9220	4.1917	260.6170	35.5000	41.4800	52.8700	1.0920		
28/04/2019	95.6537	1.0503	0.2652	1.2511	3.8084	258.0717	30.3700	40.5800	52.2100	1.1371		
29/04/2019	95.7330	1.2319	0.2889	1.4386	3.4933	257.5372	32.6800	39.3800	51.4700	1.4705		
30/04/2019	95.1806	1.0012	0.3218	1.2704	4.3206	259.2846	36.5000	40.4900	52.0600	2.0291		

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Mínimo	93.0528	0.5369	0.1730	0.7048	3.3007	257.5372	30.3700	39.1800	51.2300	0.1459		
Promedio	94.9179	0.9014	0.2918	1.1725	3.8529	260.6830	42.9973	39.7793	51.6753	1.6320		
Máximo	95.7330	1.2319	0.3218	1.4386	4.3368	264.4337	58.7100	41.4800	52.9300	29.6912		
Desv. Est.	0.61058	0.14012	0.03712	0.15846	0.31141	1.20991	7.18556	0.69088	0.49433	5.33605		

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 Rocío (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.
01/04/2019	94.8984	0.7843	0.2663	1.0738	3.3266	257.0754	26.2500	39.3000	51.3700	0.0648		
02/04/2019	94.7338	0.7912	0.2721	1.0738	3.3349	257.2847	22.9300	39.3500	51.3800	0.0018		
03/04/2019	94.3054	0.8458	0.2313	1.1025	3.2667	257.4944	26.9500	39.3400	51.3700	0.0018		
04/04/2019	94.4799	0.9117	0.2474	1.1740	3.3611	257.7995	26.8500	39.4800	51.3800	0.4162		
05/04/2019	94.1745	0.8267	0.2624	1.1057	3.2040	257.8553	26.4500	39.3000	51.2700	0.1189		
06/04/2019	95.0528	0.8299	0.2724	1.1027	3.2084	257.8427	28.5600	39.3100	51.2900	0.0198		
07/04/2019	95.0343	0.7991	0.2738	1.0757	3.1651	258.0603	28.4600	39.2500	51.2800	0.0018		
08/04/2019	94.9522	0.8700	0.2878	1.1716	3.1608	257.7820	28.2600	39.2500	51.2700	0.0000		
09/04/2019	94.9530	0.8371	0.2773	1.1245	3.1679	257.9835	26.3500	39.2900	51.2900	0.0000		
10/04/2019	94.7427	0.7963	0.2681	1.0838	3.1794	257.9687	30.4700	39.2700	51.2800	0.0000		
11/04/2019	94.5673	0.8376	0.2344	1.0917	3.2480	257.4942	36.5000	39.2900	51.3200	0.0000		
12/04/2019	94.4552	0.7756	0.2448	1.0332	3.6249	257.3084	29.4700	39.3400	51.3500	0.0000		
13/04/2019	94.4972	0.7686	0.2567	1.0383	3.7828	257.4325	29.0600	39.2800	51.2800	0.0000		
14/04/2019	94.6976	0.8197	0.2692	1.0993	3.5133	257.9090	27.6600	39.2300	51.2700	0.0000		
15/04/2019	94.4336	0.8493	0.2768	1.1393	3.4248	258.1378	23.9400	39.2100	51.2700	0.0378		
16/04/2019	94.5227	0.8568	0.2790	1.1638	3.4521	258.1836	30.1700	39.2700	51.2800	0.0018		
17/04/2019	94.4498	0.8305	0.2701	1.1070	3.4526	258.0495	30.0700	39.2100	51.2700	0.0000		
18/04/2019	94.5458	0.7906	0.2596	1.0502	3.6490	257.4525	26.7500	39.2400	51.2800	0.0000		
19/04/2019	94.4882	0.7823	0.2571	1.0407	3.3986	257.7275	30.3700	39.1900	51.2400	0.0000		
20/04/2019	94.4789	0.8460	0.2721	1.1280	3.2054	257.4092	25.8500	39.1000	51.1700	0.0000		
21/04/2019	94.9663	0.9040	0.2836	1.2062	3.3233	257.1150	25.8500	39.0800	51.1400	0.1099		
22/04/2019	94.5468	0.8503	0.2615	1.1281	3.4762	255.5155	27.8600	39.1300	51.1900	0.2180		
23/04/2019	94.2659	0.6092	0.2114	0.8312	3.6099	256.9614	27.0500	39.3700	51.3600	0.6685		
24/04/2019	92.5031	0.3994	0.1514	0.5522	3.8492	256.9097	25.8500	39.7900	51.8000	0.0000		
25/04/2019	92.8864	0.5109	0.1574	0.6818	4.0547	257.2858	28.4600	40.9900	52.5500	1.5606		
26/04/2019	92.8616	0.4743	0.1226	0.6085	3.8421	257.6514	21.1200	41.0500	52.6000	0.7406		
27/04/2019	92.4352	0.4541	0.1324	0.6012	3.4756	256.1639	15.6000	40.4000	52.0900	0.3712		
28/04/2019	93.6031	0.6455	0.1866	0.8787	2.7427	253.8070	18.4100	39.1200	51.1700	0.5424		
29/04/2019	94.8895	0.7620	0.1953	0.9600	2.6042	253.8640	23.7400	39.0200	50.9500	0.7947		
30/04/2019	93.1702	0.7972	0.2334	1.0424	3.2305	254.4454	25.7500	39.1900	51.2100	1.0830		

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Mínimo	92.4352	0.3994	0.1226	0.5522	2.6042	253.8070	15.6000	39.0200	50.9500	0.0000		
Promedio	94.2864	0.7619	0.2405	1.0157	3.3778	257.1323	26.7020	39.4213	51.3990	0.2251		
Máximo	95.0528	0.9117	0.2878	1.2062	4.0547	258.1836	36.5000	41.0500	52.6000	1.5606		
Desv. Est.	0.75754	0.13602	0.04690	0.18027	0.30084	1.19722	3.85982	0.50016	0.37481	0.38951		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.