

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.
2/1/2019	95.1472	0.9216	0.2625	1.1840	3.2695	259.9221	27.2400	39.2400	51.2700	0.4007		
2/2/2019	94.6624	0.9066	0.2635	1.1701	3.7001	259.7811	26.9700	39.4300	51.3900	0.3212		
2/3/2019	95.0279	0.9451	0.2620	1.2069	3.4800	260.1533	26.8000	39.2300	51.2600	0.1155		
2/4/2019	95.2738	0.9406	0.2504	1.1911	3.3040	259.7266	27.2700	39.1300	51.2000	0.0600		
2/5/2019	95.3714	0.9682	0.2475	1.2157	3.2101	260.3488	27.8700	39.0700	51.1400	0.0437		
2/6/2019	95.1045	0.9099	0.2562	1.1662	3.4484	259.7828	27.5400	39.2000	51.2800	0.0196		
2/7/2019	94.9585	0.8800	0.2651	1.1451	3.5636	259.9976	28.0200	39.2800	51.3400	0.0424		
2/8/2019	95.0827	0.8695	0.2907	1.1602	3.3863	259.5802	26.6100	39.2700	51.3100	0.0329		
2/9/2019	95.4792	0.8759	0.3156	1.1915	3.0114	260.2211	26.8100	39.1200	51.2300	0.0373		
2/10/2019	95.5584	0.8651	0.2744	1.1396	2.9859	259.8276	27.2100	39.1300	51.2400	0.0968		
2/11/2019	95.5530	0.8697	0.2598	1.1294	2.9947	260.1443	30.9000	39.1300	51.2500	0.2550		
2/12/2019	96.0131	0.8293	0.2594	1.0886	2.5845	259.3765	29.1300	39.0100	51.2100	0.3567		
2/13/2019	96.2344	0.8289	0.2673	1.0963	2.4067	260.0790	29.5000	38.9300	51.1500	0.3582		
2/14/2019	96.2367	0.8427	0.2646	1.1074	2.3899	259.9865	29.9600	38.9200	51.1400	0.2817		
2/15/2019	96.2367	0.8427	0.2646	1.1074	2.3899	259.9865	29.4200	38.9200	51.1400	0.3642		
2/16/2019	96.2367	0.8427	0.2646	1.1074	2.3899	259.9865	28.8500	38.9200	51.1400	0.4800		
2/17/2019	95.4652	0.8720	0.2682	1.1402	3.0899	258.0405	28.9800	39.1300	51.2400	0.0576		
2/18/2019	95.4940	0.8828	0.2514	1.1341	3.1243	258.1331	28.9800	39.1428	51.2758	0.0814		
2/19/2019	95.1700	0.8591	0.2792	1.1383	3.3465	258.9230	29.4300	39.2400	51.3100	0.1625		
2/20/2019	95.1943	0.8461	0.2763	1.1224	3.2935	256.9110	30.4500	39.2600	51.3400	0.3643		
2/21/2019	95.3142	0.8264	0.2644	1.0907	3.2134	256.7314	30.5000	39.2400	51.3500	0.3356		
2/22/2019	95.2505	0.8425	0.2730	1.1155	3.2569	257.8965	29.4000	39.2200	51.3200	0.3707		
2/23/2019	95.3868	0.8948	0.2414	1.1362	3.1698	257.8286	29.7200	39.1600	51.2600	0.7715		
2/24/2019	95.4938	0.8752	0.2368	1.1121	3.0802	257.2474	28.7400	39.1400	51.2700	0.7639		
2/25/2019	95.1171	0.9174	0.2473	1.1646	3.4307	257.1022	28.7400	39.2200	51.2600	0.9406		
2/26/2019	95.3503	0.8810	0.2628	1.1438	3.1911	257.7972	28.0800	39.1700	51.2600	0.9611		
2/27/2019	95.3863	0.8575	0.2774	1.1349	3.1689	257.5953	27.4000	39.1600	51.2600	0.7932		
2/28/2019	95.4126	0.8423	0.2994	1.1416	3.1138	257.4142	26.9900	39.1500	51.2700	0.6927		

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

Mínimo	94.6624	0.8264	0.2368	1.0886	2.3899	256.7314	26.6100	38.9200	51.1400	0.0196		
Promedio	95.4361	0.8763	0.2659	1.1422	3.1069	258.9472	28.4825	39.1487	51.2538	0.3415		
Máximo	96.2367	0.9682	0.3156	1.2157	3.7001	260.3488	30.9000	39.4300	51.3900	0.9611		
Desv. Est.	0.41125	0.03749	0.01673	0.03441	0.36308	1.23381	1.26827	0.12188	0.06773	0.29251		

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.
2/1/2019	95.3969	0.9656	0.2761	1.2266	3.4871	261.7508	52.2800	39.3200	51.3600	0.5334		
2/2/2019	95.1755	0.9727	0.2904	1.2397	4.5079	261.5479	30.6700	39.8500	51.6400	0.5424		
2/3/2019	95.2503	0.9739	0.2764	1.2346	3.6296	261.7694	35.5000	39.3500	51.3400	0.4343		
2/4/2019	95.4858	0.9755	0.2645	1.2345	3.5843	261.4911	44.6400	39.2500	51.2900	0.1549		
2/5/2019	95.5619	0.9895	0.2626	1.2367	3.3890	261.9005	44.6400	39.1300	51.2200	0.1549		
2/6/2019	95.3056	0.9707	0.2699	1.2289	3.6651	269.5205	35.9000	39.3300	51.3700	0.1099		
2/7/2019	95.0384	0.9444	0.2786	1.2127	3.6357	261.4368	41.9300	39.3500	51.3900	0.1549		
2/8/2019	96.8484	0.9265	0.3132	1.2392	3.6670	266.2726	29.3700	39.3500	51.4900	0.1189		
2/9/2019	95.8824	0.9688	0.3519	1.2818	3.2146	262.2098	29.0600	39.2400	51.3800	0.1820		
2/10/2019	95.8001	0.9623	0.3509	1.2324	3.2089	268.8512	31.0700	39.1800	51.3600	0.1910		
2/11/2019	95.9109	0.9482	0.2813	1.2054	3.3688	261.7375	36.4000	39.1900	51.3100	0.4523		
2/12/2019	96.2237	0.8847	0.2836	1.1503	2.7744	269.5305	34.0900	39.1000	51.2900	0.5153		
2/13/2019	96.3803	0.8698	0.2980	1.1287	2.6695	261.0928	31.5800	39.0400	51.2800	0.5604		
2/14/2019	96.2367	0.8427	0.2646	1.1074	2.3899	259.9865	35.8000	38.9200	51.1400	0.4162		
2/15/2019	96.2367	0.8427	0.2646	1.1074	2.3899	259.9865	35.5000	38.9200	51.1400	0.6775		
2/16/2019	96.2367	0.8427	0.2646	1.1074	2.3899	259.9865	31.1700	38.9200	51.1400	0.7496		
2/17/2019	96.2367	0.9260	0.2775	1.1895	3.3871	261.7010	32.1800	39.2200	51.3400	0.4523		
2/18/2019	95.8876	0.9618	0.2746	1.2364	3.5656	260.6043	32.1800	39.2165	51.2678	0.1997		
2/19/2019	95.6468	0.9296	0.3032	1.1989	3.8527	262.3946	32.2800	39.4200	51.4100	1.1100		
2/20/2019	95.3923	0.9000	0.2881	1.1789	3.6336	272.0706	35.5000	39.3600	51.3600	0.5244		
2/21/2019	95.5679	0.8558	0.2737	1.1259	3.3297	259.5090	36.8000	39.3100	51.3800	0.5424		
2/22/2019	95.5601	0.8746	0.2906	1.1617	3.5199	260.4188	35.6000	39.3300	51.3900	1.9840		
2/23/2019	95.5717	0.9349	0.2835	1.1847	3.5144	260.2988	35.5000	39.2800	51.3400	0.9749		
2/24/2019	95.7083	0.9599	0.2541	1.1975	3.2220	259.5968	31.7800	39.2400	51.3600	0.9208		
2/25/2019	95.5200	0.9864	0.2700	1.2323	3.8943	259.0627	32.1800	39.3300	51.3100	1.1821		
2/26/2019	95.5434	0.9355	0.2818	1.1994	3.5518	260.3633	31.4800	39.2900	51.3500	1.2272		
2/27/2019	95.5458	0.8859	0.2953	1.1706	3.3658	260.3407	38.7100	39.2300	51.3300	1.0560		
2/28/2019	95.6591	0.9414	0.3298	1.2413	3.4336	260.2923	30.2700	39.3000	51.3700	1.0289		

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

Mínimo	95.0384	0.8427	0.2541	1.1074	2.3899	259.0627	29.0600	38.9200	51.1400	0.1099		
Promedio	95.7432	0.9276	0.2862	1.1961	3.3658	262.3473	35.1450	39.2488	51.3338	0.6125		
Máximo	96.8484	0.9895	0.3519	1.2818	4.5079	272.0706	52.2800	39.8500	51.6400	1.9840		
Desv. Est.	0.41898	0.04732	0.02461	0.04787	0.47784	3.48036	5.29998	0.18079	0.10150	0.44162		

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.
2/1/2019	94.9207	0.8473	0.2442	1.1139	3.0252	258.3511	24.1400	39.1800	51.2300	0.2901		
2/2/2019	93.6173	0.8544	0.2314	1.1242	3.2581	257.6507	20.7200	39.1900	51.2200	0.1820		
2/3/2019	94.8162	0.9032	0.2486	1.1709	3.2641	258.8732	22.9300	39.1500	51.1900	0.0000		
2/4/2019	94.9454	0.9079	0.2366	1.1548	3.1308	258.2138	23.8400	39.0400	51.1500	0.0000		
2/5/2019	95.1857	0.9249	0.2330	1.1702	3.0441	258.1667	23.9400	39.0200	51.1100	0.0000		
2/6/2019	94.8724	0.8503	0.2406	1.1068	3.2924	257.7698	23.0300	39.1100	51.1800	0.0000		
2/7/2019	94.8652	0.8372	0.2509	1.1071	3.4892	258.2639	25.2500	39.2400	51.2600	0.0000		
2/8/2019	94.7617	0.5204	0.2036	0.7296	2.0082	257.7332	17.5100	39.0700	51.1900	0.0000		
2/9/2019	95.1845	0.7147	0.2668	0.9815	2.7071	258.1574	15.6000	39.0200	51.0900	0.0000		
2/10/2019	95.2237	0.7553	0.2395	0.9948	2.8452	257.8296	24.3400	39.0900	51.1700	0.0000		
2/11/2019	95.1495	0.7920	0.2288	1.0496	2.6570	257.9029	26.0500	39.0300	51.1800	0.1009		
2/12/2019	95.7941	0.7714	0.2376	1.0202	2.3895	257.3800	22.6300	38.9200	51.1200	0.2180		
2/13/2019	95.9736	0.7508	0.2399	1.0250	2.2726	258.1392	27.0500	38.8700	51.1000	0.1459		
2/14/2019	96.2367	0.8427	0.2646	1.1074	2.3899	259.9865	25.9500	38.9200	51.1400	0.1549		
2/15/2019	96.2367	0.8427	0.2646	1.1074	2.3899	259.9865	25.6500	38.9200	51.1400	0.1639		
2/16/2019	96.2367	0.8427	0.2646	1.1074	2.3899	259.9865	22.6300	38.9200	51.1400	0.2360		
2/17/2019	95.1536	0.8059	0.2511	1.0703	2.3899	254.4979	25.7500	38.9200	51.1400	0.0000		
2/18/2019	95.0206	0.8269	0.2293	1.0561	2.7486	254.9664	25.7500	39.0297	51.2167	0.0025		
2/19/2019	94.6070	0.8001	0.2463	1.0761	2.9793	255.6177	25.5500	39.0600	51.2000	0.0378		
2/20/2019	94.7688	0.8107	0.2585	1.0869	3.1255	255.4564	23.6400	39.2000	51.2900	0.2540		
2/21/2019	95.1498	0.8041	0.2461	1.0585	3.0046	255.0368	26.1500	39.1700	51.3000	0.1279		
2/22/2019	94.9764	0.8041	0.2464	1.0631	3.0125	256.6125	26.3500	39.1300	51.2400	0.2090		
2/23/2019	95.0101	0.8367	0.2247	1.1101	3.0049	256.3140	27.2600	39.1100	51.2100	0.5424		
2/24/2019	95.3589	0.8133	0.2202	1.0364	2.9071	256.0858	25.2500	39.0400	51.1700	0.5424		
2/25/2019	94.5973	0.8422	0.2278	1.0756	3.0790	256.0172	25.8500	39.1300	51.2100	0.7046		
2/26/2019	95.0340	0.8387	0.2407	1.0918	3.0129	256.4415	20.4200	39.0900	51.1900	0.6685		
2/27/2019	95.1897	0.8227	0.2540	1.1012	3.0517	256.0890	14.4900	39.1200	51.2400	0.4162		
2/28/2019	95.0774	0.8058	0.2654	1.0735	2.8495	255.9670	23.8400	39.0000	51.1100	0.3982		

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

Mínimo	93.6173	0.5204	0.2036	0.7296	2.0082	254.4979	14.4900	38.8700	51.0900	0.0000		
Promedio	95.1416	0.8132	0.2431	1.0704	2.8471	257.2676	23.6271	39.0603	51.1831	0.1927		
Máximo	96.2367	0.9249	0.2668	1.1709	3.4892	259.9865	27.2600	39.2400	51.3000	0.7046		
Desv. Est.	0.55717	0.07319	0.01538	0.08129	0.36250	1.53396	3.24801	0.09950	0.05550	0.21540		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.