

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

<b>PERMISIONARIO:</b>	NATGASMEX, S.A. DE C.V.	
<b>PUNTO DE MEDICIÓN:</b>	Tetla	
<b>ZONA DE MEDICIÓN:</b>	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.	36.8 MÍN.	47.3 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
7/1/2020	95.3890	0.9049	0.5162	1.4211	3.0389	247.8113	12.9800	38.9000	50.9600	0.6351	<10.8	0.00
7/2/2020	95.4263	0.8312	0.6781	1.5094	2.8962	248.0521	14.3200	38.8400	50.9000	0.6452		
7/3/2020	95.3344	0.8550	0.6481	1.5032	2.9972	249.2106	13.4800	38.8600	50.9200	0.6247		
7/4/2020	94.8831	0.8618	0.6386	1.5004	3.4024	250.3509	12.1400	39.0200	51.0100	0.6434		
7/5/2020	95.0106	0.8069	0.7214	1.5282	3.2752	249.0631	10.7500	38.9300	50.9700	0.6181		
7/6/2020	94.8198	0.8515	0.6598	1.5113	3.4866	250.1310	10.5700	39.0100	51.0100	0.6938		
7/7/2020	95.1432	0.8304	0.6777	1.5081	3.1854	249.6383	10.5900	38.9100	50.9700	0.6669		
7/8/2020	95.1165	0.8107	0.7193	1.5298	3.1933	248.3566	12.0900	38.9100	50.9500	0.6261		
7/9/2020	95.0276	0.8476	0.6914	1.5390	3.2625	248.7309	12.2500	38.9300	50.9500	0.2480		
7/10/2020	95.0285	0.8825	0.6389	1.5215	3.2755	249.9929	12.3200	38.9500	50.9600	0.0836		
7/11/2020	95.1534	0.8314	0.6535	1.4849	3.1957	249.6204	12.9800	38.9300	50.9900	0.0493		
7/12/2020	95.2359	0.8297	0.6290	1.4587	3.1686	249.7745	13.6800	38.9200	51.0000	0.0340		
7/13/2020	95.3690	0.8408	0.6707	1.5114	2.9646	250.0538	13.8200	38.8700	50.9200	0.5128		
7/14/2020	95.4817	0.7565	0.7433	1.4999	2.8449	249.5287	16.7500	38.8300	50.9100	0.4592		
7/15/2020	95.4797	0.7750	0.7124	1.4874	2.8272	249.2561	20.2600	38.8400	50.9400	0.4012		
7/16/2020	95.4515	0.7724	0.7396	1.5120	2.8416	251.3498	19.9900	38.8500	50.9100	0.4691		
7/17/2020	95.1967	0.7777	0.7587	1.5364	3.0837	249.8169	19.2200	38.8900	50.9600	0.5077		
7/18/2020	95.3101	0.7521	0.7888	1.5409	2.9497	250.3389	17.9800	38.8700	50.9400	0.4834		
7/19/2020	95.2220	0.7601	0.7807	1.5407	3.0005	250.0299	17.4900	38.8800	50.9500	0.4639		
7/20/2020	94.9229	0.7888	0.8009	1.5895	3.2726	250.0643	16.4000	38.9400	50.9500	0.4609		
7/21/2020	95.2632	0.8076	0.7285	1.5361	3.0004	251.1483	16.8900	38.8800	50.9400	0.4535		
7/22/2020	94.9916	0.8646	0.6517	1.5163	3.2801	251.1047	15.7000	38.9700	50.9900	0.4732		
7/23/2020	94.8122	0.8339	0.6669	1.5006	3.4567	250.2859	15.2300	39.0400	51.0300	0.5133		
7/24/2020	95.0000	0.7969	0.7290	1.5258	3.2886	249.1432	15.1700	38.9600	50.9900	0.5381		
7/25/2020	95.1850	0.7695	0.7548	1.5243	3.1421	248.4134	15.3200	38.8800	50.9600	0.5184		
7/26/2020	95.3689	0.7846	0.7402	1.5248	2.9186	250.1547	13.4900	38.8600	50.9200	0.5418		
7/27/2020	95.2682	0.7269	0.8147	1.5416	3.0148	249.5983	12.2800	38.8700	50.9300	0.5246		
7/28/2020	95.2279	0.7387	0.8011	1.5399	3.0423	249.0560	12.4800	38.8800	50.9500	0.4976		
7/29/2020	95.4567	0.7404	0.8096	1.5500	2.8136	249.2751	15.0000	38.8000	50.8900	0.5222		
7/30/2020	94.7565	0.7623	0.7707	1.5330	3.3738	252.0255	21.1100	39.0800	51.0500	0.6129		
7/31/2020	95.1543	0.6924	0.8831	1.5756	3.0231	250.4689	20.1800	38.9200	50.9800	0.6196		

\*/ 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>	94.7565	0.6924	0.5162	1.4211	2.8136	247.8113	10.5700	38.8000	50.8900	0.0340		
<b>Promedio</b>	95.1770	0.8027	0.7167	1.5194	3.1134	249.7369	14.9326	38.9103	50.9581	0.4884		
<b>Máximo</b>	95.4817	0.9049	0.8831	1.5895	3.4866	252.0255	21.1100	39.0800	51.0500	0.6938		
<b>Desv. Est.</b>	0.20958	0.04998	0.07352	0.03141	0.19230	0.95338	3.04069	0.06421	0.03816	0.17071		

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.
7/1/2020	95.6436	0.9911	0.6922	1.4918	3.4446	249.5170	14.1900	39.0200	51.0600	0.7406		
7/2/2020	95.6843	0.8951	0.7174	1.5756	3.0189	249.8380	320.5100	38.8700	50.9500	0.7857		
7/3/2020	95.4731	0.9169	0.7044	1.5486	3.0900	250.7795	15.0900	38.9000	50.9700	0.7857		
7/4/2020	95.3405	0.9182	0.6946	1.5459	4.5990	251.9770	14.0900	39.4800	51.3000	0.7586		
7/5/2020	95.2064	0.8677	0.7742	1.5828	3.9361	251.2289	12.2800	39.2400	51.1500	0.7676		
7/6/2020	95.1602	0.9431	0.7372	1.5807	4.1618	251.8363	16.3000	39.2100	51.1300	0.8127		
7/7/2020	95.3042	0.9126	0.7446	1.5978	3.4402	251.9223	14.5900	38.9700	51.0200	0.8037		
7/8/2020	95.2237	0.9084	0.7882	1.6051	3.4552	250.0494	35.9000	38.9800	50.9900	0.7586		
7/9/2020	95.2284	0.9463	0.7550	1.5988	3.4931	252.4367	48.0600	39.0000	51.0100	5.3359		
7/10/2020	95.1821	0.9567	0.6881	1.5741	3.4158	253.9245	33.7900	39.0000	51.0100	0.2000		
7/11/2020	95.2516	0.8828	0.7163	1.5528	3.3366	251.5425	38.3100	38.9700	51.0100	0.1189		
7/12/2020	95.2532	0.8494	0.6444	1.4749	3.1949	258.3063	20.1200	38.9300	51.0000	0.1099		
7/13/2020	95.5387	0.9352	0.7133	1.5796	3.2063	256.4847	318.9100	38.9400	51.0000	0.6685		
7/14/2020	95.5821	0.8068	0.7758	1.5442	2.9252	265.7124	19.7200	38.9000	50.9600	0.5964		
7/15/2020	95.6421	0.8748	0.7956	1.5286	2.9494	251.7684	47.2500	38.9100	50.9800	0.5153		
7/16/2020	95.5882	0.8490	0.8365	1.5670	3.1554	265.7454	38.9100	38.9200	50.9700	0.5784		
7/17/2020	95.4039	0.8312	0.8692	1.6182	3.3222	252.8727	42.0300	38.9800	50.9900	0.6145		
7/18/2020	95.4118	0.7792	0.8518	1.5927	3.0868	265.9970	33.3900	38.9100	50.9500	0.6235		
7/19/2020	95.4408	0.7904	0.8572	1.5845	3.1727	252.9027	19.0100	38.9300	50.9600	0.5424		
7/20/2020	95.3134	0.8396	1.0032	1.6511	3.6138	265.7804	17.9100	39.0700	51.0400	0.5604		
7/21/2020	95.4960	0.8640	0.8942	1.6214	3.3100	254.5704	18.5100	38.9800	50.9900	0.5514		
7/22/2020	95.2076	0.9528	0.7064	1.5902	3.3631	265.7883	16.9000	38.9900	51.0100	0.5514		
7/23/2020	95.1342	0.9458	0.8223	1.5953	4.3027	252.8216	36.2000	39.3000	51.2100	0.5964		
7/24/2020	95.1917	0.8522	0.7815	1.5804	3.7319	265.8427	25.8500	39.1400	51.1000	0.6775		
7/25/2020	95.4348	0.8612	0.8393	1.5942	3.3923	250.9634	40.1200	38.9800	51.0300	0.6055		
7/26/2020	95.5827	0.8493	0.8448	1.5826	3.2292	265.5455	41.0200	39.0200	51.0600	0.7136		
7/27/2020	95.5343	0.7956	0.9903	1.6253	3.3232	252.6317	17.6100	39.1000	51.0900	0.6325		
7/28/2020	95.4877	0.8466	0.9019	1.5967	3.6070	265.7024	18.0100	39.1000	51.1100	0.5964		
7/29/2020	95.6999	0.8781	0.8754	1.6370	3.0301	250.8448	41.6300	38.8700	50.9500	0.6145		
7/30/2020	95.5896	0.8413	0.8914	1.5925	4.2205	264.9429	24.9400	39.7400	51.4400	0.7767		
7/31/2020	95.2036	0.7335	0.9220	1.6220	3.1027	252.4988	47.7600	38.9500	50.9900	0.7496		

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<b>Mínimo</b>	95.1342	0.7335	0.6444	1.4749	2.9252	249.5170	12.2800	38.8700	50.9500	0.1099		
<b>Promedio</b>	95.4011	0.8747	0.8009	1.5817	3.4397	256.2185	46.7390	39.0419	51.0461	0.7659		
<b>Máximo</b>	95.6999	0.9911	1.0032	1.6511	4.5990	265.9970	320.5100	39.7400	51.4400	5.3359		
<b>Desv. Est.</b>	0.17753	0.05958	0.09152	0.03810	0.41624	6.38830	73.81238	0.18764	0.10880	0.86713		

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 <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.
7/1/2020	95.0434	0.7847	0.4214	1.3685	2.7243	245.7030	11.6800	38.7900	50.8900	0.5604		
7/2/2020	95.2928	0.7829	0.6148	1.4648	2.6596	246.4127	11.6800	38.7600	50.8400	0.0000		
7/3/2020	95.2168	0.8022	0.5970	1.4667	2.8965	248.3143	12.0800	38.8200	50.8600	0.4973		
7/4/2020	93.5350	0.8009	0.5887	1.4629	2.9684	248.8595	10.3700	38.8700	50.9100	0.5244		
7/5/2020	94.2672	0.7698	0.6271	1.4729	3.1103	246.3875	4.6400	38.8600	50.9000	0.4973		
7/6/2020	94.1152	0.7459	0.6102	1.4587	3.1801	248.1575	9.5700	38.9300	50.9400	0.5874		
7/7/2020	94.8269	0.7677	0.6075	1.4409	3.0103	248.1743	9.4700	38.8500	50.8900	0.5244		
7/8/2020	94.7941	0.7452	0.6430	1.4867	3.1085	247.1198	11.2800	38.8600	50.8700	0.5153		
7/9/2020	94.7414	0.7678	0.6190	1.4942	3.0459	247.0219	9.6700	38.8500	50.8700	0.0198		
7/10/2020	94.8701	0.8174	0.6030	1.4885	3.1391	248.0341	2.4300	38.8900	50.8900	0.0000		
7/11/2020	94.9754	0.7839	0.5990	1.4545	3.1157	247.8848	6.5500	38.9000	50.9300	0.0000		
7/12/2020	95.1701	0.8262	0.6111	1.4490	3.1276	248.0217	10.5700	38.9200	50.9800	0.0000		
7/13/2020	95.1479	0.7826	0.6182	1.4545	2.7260	247.1297	8.5600	38.7600	50.8200	0.0000		
7/14/2020	95.3383	0.7211	0.6977	1.4697	2.7539	246.1261	14.9900	38.8000	50.8900	0.3532		
7/15/2020	95.3658	0.7030	0.6402	1.4285	2.6936	246.8438	9.6700	38.8000	50.8900	0.3171		
7/16/2020	95.1180	0.7037	0.7092	1.4708	2.7424	248.5660	8.7600	38.8100	50.8700	0.3442		
7/17/2020	94.8871	0.7049	0.6951	1.4930	2.8942	247.5616	16.9000	38.8400	50.9100	0.3712		
7/18/2020	95.1455	0.7364	0.7692	1.5111	2.8595	247.8844	16.6000	38.8400	50.9000	0.3622		
7/19/2020	95.0801	0.7259	0.7618	1.5091	2.8295	248.0295	16.1000	38.8400	50.9200	0.3622		
7/20/2020	94.5954	0.6477	0.7547	1.5528	2.8570	247.6992	15.0900	38.7700	50.8500	0.3802		
7/21/2020	94.9011	0.7041	0.6540	1.4931	2.7841	248.5267	14.8900	38.8100	50.8700	0.3532		
7/22/2020	94.8880	0.8194	0.6234	1.4862	3.1132	249.0386	13.9900	38.9200	50.9100	0.3712		
7/23/2020	94.0179	0.7541	0.5425	1.4322	3.1595	248.4565	10.3700	38.9400	50.9500	0.4343		
7/24/2020	94.5257	0.7402	0.6623	1.4841	3.0961	246.6937	2.9300	38.9000	50.9300	0.3532		
7/25/2020	94.8630	0.6940	0.7185	1.4828	2.9291	246.6501	2.3300	38.8200	50.8900	0.4162		
7/26/2020	95.0430	0.7289	0.6810	1.4176	2.6705	246.5929	3.8400	38.7700	50.8700	0.2991		
7/27/2020	94.8273	0.6262	0.7243	1.4833	2.7473	246.7564	11.4800	38.7500	50.8600	0.3892		
7/28/2020	94.6669	0.6617	0.6986	1.4740	2.7958	247.2803	11.4800	38.7700	50.8600	0.3892		
7/29/2020	95.2430	0.6833	0.7164	1.5041	2.5099	247.6809	2.4300	38.6800	50.7500	0.4252		
7/30/2020	93.3421	0.6719	0.6773	1.4742	2.7152	248.0289	17.8100	38.7800	50.8800	0.4162		
7/31/2020	95.0636	0.6608	0.8462	1.5391	2.9551	248.9210	11.4800	38.8900	50.9200	0.5244		

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<b>Mínimo</b>	93.3421	0.6262	0.4214	1.3685	2.5099	245.7030	2.3300	38.6800	50.7500	0.0000		
<b>Promedio</b>	94.8035	0.7376	0.6559	1.4732	2.9006	247.5664	10.3126	38.8319	50.8874	0.3415		
<b>Máximo</b>	95.3658	0.8262	0.8462	1.5528	3.1801	249.0386	17.8100	38.9400	50.9800	0.5874		
<b>Desv. Est.</b>	0.49201	0.05389	0.07883	0.03512	0.18419	0.88539	4.47982	0.06221	0.04235	0.18370		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.