

**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.
01/03/2020	94.1870	0.7629	0.6852	1.4481	4.1432	247.5730	10.4500	39.2600	51.2100	0.5809		
02/03/2020	93.8375	0.7801	0.6977	1.4778	4.4613	247.3833	10.7000	39.3400	51.2300	0.7296		
03/03/2020	94.3610	0.8373	0.6353	1.4725	3.9661	248.3662	11.3600	39.1900	51.1400	0.7644		
04/03/2020	94.5427	0.9007	0.5106	1.4113	3.8182	248.8587	11.7400	39.1800	51.1300	0.3871		
05/03/2020	94.5906	0.8386	0.5761	1.4147	3.7900	249.3327	12.7600	39.1600	51.1300	0.3742		
06/03/2020	94.6907	0.8062	0.6072	1.4134	3.6861	248.0222	13.4500	39.1300	51.1300	0.3455		
07/03/2020	94.6489	0.7184	0.7236	1.4420	3.7123	246.6653	13.7300	39.1200	51.1300	0.8835		
08/03/2020	94.5065	0.7236	0.7279	1.4515	3.8483	246.3726	12.7700	39.1400	51.1500	0.5615		
09/03/2020	94.7910	0.7529	0.6974	1.4502	3.5634	246.6959	12.4900	39.0500	51.0900	0.2711		
10/03/2020	94.8685	0.8074	0.6405	1.4478	3.5167	246.8914	10.8200	39.0400	51.0600	0.2152		
11/03/2020	94.7273	0.8585	0.5929	1.4515	3.6134	248.1443	10.9200	39.0900	51.0800	0.4785		
12/03/2020	94.4666	0.7520	0.7046	1.4566	3.7509	250.2150	12.8300	39.2000	51.1800	0.5325		
13/03/2020	94.6868	0.7588	0.7236	1.4825	3.6169	248.4006	13.3200	39.0900	51.0900	0.5304		
14/03/2020	94.6731	0.7462	0.7612	1.5075	3.6139	247.8082	13.5500	39.0700	51.0800	0.5879		
15/03/2020	94.6690	0.7447	0.7877	1.5322	3.6106	246.7569	14.3300	39.0400	51.0400	0.6425		
16/03/2020	94.7500	0.7906	0.7169	1.5074	3.5329	247.7111	12.2500	39.0500	51.0300	0.6028		
17/03/2020	94.6248	0.7498	0.7756	1.5254	3.6503	247.7188	13.0000	39.0700	51.0700	0.6295		
18/03/2020	94.5073	0.8228	0.6667	1.4895	3.8243	247.3771	13.8800	39.1100	51.1000	0.7082		
19/03/2020	94.5278	0.8195	0.6357	1.4552	3.8382	246.9586	13.5000	39.1500	51.1200	0.7214		
20/03/2020	94.5109	0.8051	0.6391	1.4440	3.8141	249.1432	13.4200	39.1700	51.1400	0.6830		
21/03/2020	94.6498	0.7834	0.6535	1.4368	3.7178	249.3694	15.4800	39.1400	51.1300	0.6455		
22/03/2020	94.4615	0.7520	0.7040	1.4560	3.8835	249.2985	17.9600	39.1700	51.1400	0.5648		
23/03/2020	94.4138	0.7472	0.7390	1.4861	3.9048	248.4638	17.3100	39.1600	51.1300	0.5406		
24/03/2020	94.4566	0.7997	0.6714	1.4711	3.8717	248.3433	15.7100	39.1500	51.1300	0.6019		
25/03/2020	94.5576	0.7933	0.6866	1.4799	3.7521	248.1870	15.6400	39.1200	51.1000	0.6129		
26/03/2020	94.5615	0.7908	0.6976	1.4884	3.7425	248.5913	15.6600	39.1100	51.1000	0.6737		
27/03/2020	94.3168	0.7545	0.7288	1.4833	3.9692	248.4227	16.1800	39.2000	51.1400	0.7003		
28/03/2020	94.2713	0.7614	0.7093	1.4707	4.0396	248.5364	16.4700	39.2200	51.1800	0.6909		
29/03/2020	94.2646	0.7550	0.7021	1.4571	4.0501	248.1725	17.3900	39.2300	51.1800	0.7018		
30/03/2020	94.1666	0.7741	0.6966	1.4707	4.1328	249.0474	17.9700	39.2600	51.1900	0.6569		
31/03/2020	94.3029	0.7788	0.6471	1.4259	4.0044	249.4637	18.7100	39.2500	51.2200	0.6088		

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

Mínimo	93.8375	0.7184	0.5106	1.4113	3.5167	246.3726	10.4500	39.0400	51.0300	0.2152		
Promedio	94.5029	0.7828	0.6820	1.4647	3.8206	248.1384	14.0565	39.1503	51.1281	0.5880		
Máximo	94.8685	0.9007	0.7877	1.5322	4.4613	250.2150	18.7100	39.3400	51.2300	0.8835		
Desv. Est.	0.21617	0.04063	0.05942	0.03022	0.20841	0.95921	2.34570	0.07301	0.04963	0.14648		

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.
01/03/2020	94.3766	0.8148	0.7127	1.5075	4.3113	249.3298	11.9800	39.3800	51.2800	0.8217		
02/03/2020	94.1854	0.8985	0.7432	1.5469	4.8064	248.9999	12.0800	39.4400	51.2900	1.8399		
03/03/2020	94.5865	0.9349	0.7041	1.5210	4.3343	250.2314	12.4800	39.2900	51.2100	2.2634		
04/03/2020	94.6976	1.0401	0.6276	1.4923	3.9578	250.4734	13.1900	39.2300	51.1900	0.5063		
05/03/2020	94.7507	0.9286	0.6313	1.5154	3.9945	250.5511	13.5900	39.2300	51.1900	0.5153		
06/03/2020	94.8940	0.8548	0.6656	1.4575	4.0694	249.6963	35.9000	39.2500	51.2000	0.6956		
07/03/2020	94.7484	0.7614	0.7779	1.4703	3.8267	248.5187	15.5000	39.1400	51.1500	1.6326		
08/03/2020	94.8276	0.8099	0.7800	1.5009	4.2827	247.7745	38.0100	39.2600	51.2200	1.8038		
09/03/2020	94.9590	0.8154	0.7622	1.5133	3.8732	247.6475	13.5900	39.1300	51.1400	0.4072		
10/03/2020	95.1013	0.9058	0.7624	1.5287	3.9282	249.0439	12.5800	39.1400	51.1200	0.2901		
11/03/2020	95.0797	1.1268	0.6764	1.5624	4.4102	250.4917	12.5800	39.5000	51.3400	0.6505		
12/03/2020	94.8989	0.8394	0.7626	1.5419	4.2424	253.4701	14.9900	39.5600	51.4000	0.6865		
13/03/2020	94.8247	0.8591	0.7689	1.5395	3.8331	249.7064	15.6000	39.2000	51.1600	0.6865		
14/03/2020	94.8216	0.8484	0.8277	1.5748	3.7162	249.0757	15.4000	39.1000	51.1100	0.7226		
15/03/2020	94.8560	0.8045	1.0022	1.5905	4.0985	247.9575	16.7000	39.1800	51.1600	1.5155		
16/03/2020	95.0206	0.8699	0.7735	1.5528	3.6340	249.1556	13.9900	39.1400	51.1100	0.6956		
17/03/2020	94.8412	0.8095	0.9080	1.6457	3.8131	249.2193	14.9900	39.1200	51.1100	0.8037		
18/03/2020	94.6124	0.9588	0.8062	1.5715	3.9662	248.3176	15.8000	39.2000	51.1400	0.8307		
19/03/2020	94.5918	0.8773	0.6931	1.5281	3.9670	248.5210	15.4000	39.2000	51.1500	0.8848		
20/03/2020	94.8100	0.9187	0.7719	1.5400	4.3530	252.4584	14.6900	39.3500	51.2700	0.8037		
21/03/2020	94.7637	0.9104	0.7053	1.5069	4.0043	251.0501	17.1000	39.2100	51.1700	0.7947		
22/03/2020	94.7422	0.8844	0.8013	1.5285	4.4008	251.0169	19.9200	39.3400	51.2700	0.7586		
23/03/2020	94.5469	0.8499	0.8611	1.5395	4.0086	250.1259	19.5200	39.2000	51.1700	0.7406		
24/03/2020	94.6731	0.9213	0.7506	1.5567	4.0588	249.4794	18.0100	39.2100	51.1800	0.8217		
25/03/2020	94.6584	0.8521	0.7307	1.5274	3.8979	249.4779	40.0200	39.1700	51.1400	0.8127		
26/03/2020	94.6932	0.8520	0.7536	1.5287	4.1200	250.0480	17.3100	39.2400	51.1800	0.9298		
27/03/2020	94.4754	0.7922	0.7980	1.5366	4.2816	250.2901	17.3100	39.2800	51.2100	0.8668		
28/03/2020	94.4098	0.8006	0.7819	1.5154	4.1608	249.3525	18.5100	39.2700	51.2200	0.8397		
29/03/2020	94.3595	0.7967	0.7383	1.5075	4.1881	249.1751	18.8100	39.2900	51.2200	0.8668		
30/03/2020	94.4411	0.8384	0.7529	1.5709	4.6863	249.9633	19.6200	39.4200	51.3000	0.8668		
31/03/2020	94.4258	0.8383	0.6977	1.4655	4.1286	251.2206	20.1200	39.3600	51.2800	0.7496		

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Mínimo	94.1854	0.7614	0.6276	1.4575	3.6340	247.6475	11.9800	39.1000	51.1100	0.2901		
Promedio	94.6991	0.8714	0.7590	1.5318	4.1082	249.7368	17.9126	39.2590	51.2026	0.9066		
Máximo	95.1013	1.1268	1.0022	1.6457	4.8064	253.4701	40.0200	39.5600	51.4000	2.2634		
Desv. Est.	0.22259	0.07523	0.07544	0.03785	0.26406	1.27441	7.12041	0.11376	0.07165	0.43932		

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.
01/03/2020	93.8925	0.7342	0.6325	1.3994	4.0079	245.6497	8.4600	39.2100	51.1400	0.3261		
02/03/2020	93.4711	0.7285	0.6128	1.4474	4.1514	245.9115	9.0600	39.2300	51.1400	0.4613		
03/03/2020	94.0192	0.7676	0.5765	1.4184	3.7828	246.5576	10.1700	39.1200	51.0600	0.2180		
04/03/2020	94.3699	0.8183	0.4270	1.3511	3.6772	247.3428	9.8700	39.1200	51.0500	0.1910		
05/03/2020	94.3725	0.7669	0.4973	1.3732	3.6156	248.1501	11.0700	39.1000	51.0600	0.2180		
06/03/2020	94.3157	0.7541	0.5635	1.3863	3.5174	246.7859	9.1700	39.0600	51.0700	0.1730		
07/03/2020	94.5291	0.6714	0.6656	1.4141	3.6201	245.1387	11.5800	39.0800	51.1000	0.4793		
08/03/2020	94.0486	0.6863	0.6806	1.4210	3.5380	245.2832	5.5500	39.0600	51.0700	0.1369		
09/03/2020	94.5046	0.6957	0.6400	1.4181	3.4003	245.4829	10.8700	39.0100	51.0300	0.1189		
10/03/2020	94.4098	0.7317	0.4956	1.4011	3.2902	245.5241	9.0600	38.9800	51.0100	0.1459		
11/03/2020	93.7140	0.7538	0.3663	1.3843	3.3150	246.7570	9.2700	38.9700	50.9500	0.1549		
12/03/2020	93.7611	0.6976	0.6251	1.3512	3.4467	247.7560	10.6700	39.0300	51.0200	0.3712		
13/03/2020	94.4613	0.7153	0.6502	1.4373	3.4792	247.3238	11.1800	39.0100	51.0100	0.3622		
14/03/2020	94.5681	0.7053	0.7166	1.4605	3.4177	246.2733	11.9800	39.0000	50.9800	0.4523		
15/03/2020	94.1744	0.5685	0.7456	1.4855	3.4025	245.3470	11.7800	38.9800	50.9800	0.3982		
16/03/2020	94.6063	0.7365	0.6354	1.4570	3.2410	246.1011	10.7700	38.9600	50.9800	0.4793		
17/03/2020	94.4879	0.7132	0.7347	1.4838	3.4802	246.3007	11.3800	38.9900	50.9700	0.4793		
18/03/2020	94.3855	0.7545	0.5277	1.4219	3.6878	246.2335	11.9800	39.0600	51.0300	0.5604		
19/03/2020	94.3952	0.7813	0.5822	1.4234	3.7619	245.8973	12.0800	39.1200	51.0600	0.5694		
20/03/2020	94.0005	0.7214	0.4142	1.2882	3.5332	245.8105	12.1800	39.0900	51.0700	0.5424		
21/03/2020	94.2860	0.7202	0.5832	1.4043	3.5762	248.1496	14.0900	39.0900	51.0800	0.5063		
22/03/2020	93.9193	0.6673	0.6161	1.4090	3.5935	247.7296	15.8000	39.1100	51.0800	0.3171		
23/03/2020	94.2945	0.6768	0.6546	1.4263	3.7085	247.2768	15.0900	39.1100	51.0900	0.3532		
24/03/2020	94.2034	0.7226	0.5770	1.4062	3.6944	246.7661	13.8900	39.0900	51.0600	0.3622		
25/03/2020	94.4432	0.7514	0.6661	1.4434	3.6818	245.1150	13.2900	39.0800	51.0400	0.3892		
26/03/2020	94.1783	0.7208	0.6627	1.4586	3.6308	247.3844	14.0900	39.0700	51.0500	0.3532		
27/03/2020	94.0446	0.7180	0.6849	1.4520	3.8398	247.2802	14.6900	39.1500	51.1200	0.4433		
28/03/2020	94.1587	0.7171	0.6622	1.4244	3.8732	247.5645	14.8900	39.1600	51.1100	0.5424		
29/03/2020	94.1342	0.7150	0.6708	1.4288	3.9501	247.0379	16.3000	39.1900	51.1200	0.4973		
30/03/2020	93.6450	0.7077	0.6285	1.3977	3.8743	248.0831	16.3000	39.2100	51.1000	0.3802		
31/03/2020	94.1534	0.7571	0.6233	1.3928	3.9130	248.1843	17.4100	39.2100	51.1800	0.4523		

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Mínimo	93.4711	0.5685	0.3663	1.2882	3.2410	245.1150	5.5500	38.9600	50.9500	0.1189		
Promedio	94.1919	0.7218	0.6071	1.4151	3.6355	246.6516	12.0635	39.0855	51.0584	0.3689		
Máximo	94.6063	0.8183	0.7456	1.4855	4.1514	248.1843	17.4100	39.2300	51.1800	0.5694		
Desv. Est.	0.28782	0.04359	0.09077	0.04039	0.21969	0.98302	2.71530	0.07693	0.05490	0.13795		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.**