

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.
01/08/2017	95.4361	0.6547	0.2500	0.9047	3.3302	253.0766	23.0600	39.3100	51.5100	0.5628		
02/08/2017	95.4599	0.6603	0.2481	0.9084	3.3537	252.7603	23.8100	39.2900	51.4900	0.5749		
03/08/2017	95.4194	0.6364	0.2451	0.8815	3.4081	251.7154	22.4600	39.3200	51.5300	0.4565		
04/08/2017	95.3790	0.6280	0.2380	0.8660	3.4476	250.8119	21.9700	39.3400	51.5500	0.4623		
05/08/2017	95.4143	0.6588	0.2357	0.8945	3.3848	250.2328	20.8300	39.3000	51.5200	0.4582		
06/08/2017	95.4454	0.6838	0.2396	0.9234	3.3534	251.0167	20.9600	39.2800	51.4800	0.4705		
07/08/2017	95.3337	0.6988	0.2468	0.9455	3.4314	251.7295	22.8000	39.3000	51.4800	0.6113		
08/08/2017	95.4390	0.6728	0.2429	0.9156	3.3673	251.0156	22.1500	39.2800	51.5000	0.5590		
09/08/2017	95.2198	0.6608	0.2727	0.9335	3.4960	251.3626	21.2200	39.3700	51.5200	0.4956		
10/08/2017	94.9788	0.6756	0.2478	0.9234	3.5583	251.9876	21.1700	39.5100	51.6200	0.4833		
11/08/2017	94.8753	0.6984	0.2487	0.9471	3.6620	249.5646	19.4300	39.5200	51.6100	0.4492		
12/08/2017	94.7891	0.6990	0.2880	0.9869	3.7078	250.5099	17.6500	39.5100	51.5600	0.5625		
13/08/2017	94.7611	0.6941	0.2790	0.9732	3.7287	252.4849	21.1400	39.5300	51.5900	0.6956		
14/08/2017	94.8693	0.6608	0.2604	0.9212	3.6530	252.2384	21.8900	39.5300	51.6300	0.5909		
15/08/2017	94.5810	0.6518	0.2483	0.9001	3.9554	252.8532	21.3700	39.6500	51.7200	0.5906		
16/08/2017	94.5083	0.6558	0.2589	0.9147	3.9970	252.9489	21.1400	39.6600	51.7100	0.5283		
17/08/2017	94.9215	0.6458	0.2655	0.9113	3.6248	252.9099	21.9100	39.5300	51.6300	0.5346		
18/08/2017	94.7626	0.6456	0.2545	0.9000	3.7029	254.3389	23.1600	39.6200	51.7100	0.5723		
19/08/2017	94.6684	0.6695	0.2703	0.9397	3.8020	253.7657	23.1400	39.6200	51.6500	0.5996		
20/08/2017	94.7011	0.6612	0.2689	0.9301	3.7785	253.7119	22.2200	39.6100	51.6800	0.6104		
21/08/2017	94.7207	0.6654	0.2768	0.9422	3.7316	253.5915	21.9300	39.6000	51.6400	0.5795		
22/08/2017	94.9577	0.6848	0.2390	0.9237	3.5710	253.9005	21.8700	39.5300	51.6200	0.4913		
23/08/2017	95.0048	0.6516	0.2355	0.8870	3.5023	254.4364	22.1900	39.5800	51.6600	0.3504		
24/08/2017	94.9449	0.6516	0.2489	0.9005	3.5530	254.0297	23.4300	39.5700	51.6500	0.3316		
25/08/2017	94.7997	0.6123	0.2795	0.8919	3.6775	253.4541	23.7100	39.6100	51.7000	0.4515		
26/08/2017	94.9477	0.6170	0.2584	0.8753	3.5514	254.4036	24.3500	39.5900	51.6900	0.4735		
27/08/2017	96.1244	0.5072	0.2262	0.7334	2.6053	258.3488	24.4400	39.3200	51.6300	0.6664		
28/08/2017	97.1254	0.4355	0.1928	0.6283	1.8198	263.8268	27.4400	39.0700	51.5400	2.4868		
29/08/2017	94.7745	0.5510	0.2892	0.8402	3.6737	258.7363	25.7100	39.7000	51.7800	0.8332		
30/08/2017	93.7175	0.5664	0.2186	0.7851	4.3585	255.4267	33.0100	40.1800	52.0800	0.3864		
31/08/2017	93.7308	0.6997	0.2734	0.9730	4.3927	253.1720	26.6700	39.9700	51.8400	0.3195		

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

Mínimo	93.7175	0.4355	0.1928	0.6283	1.8198	249.5646	17.6500	39.0700	51.4800	0.3195		
Promedio	95.0262	0.6437	0.2531	0.8968	3.5542	253.3665	22.8461	39.5097	51.6297	0.5883		
Máximo	97.1254	0.6997	0.2892	0.9869	4.3927	263.8268	33.0100	40.1800	52.0800	2.4868		
Desv. Est.	0.61779	0.05816	0.02095	0.07097	0.45237	2.80515	2.70700	0.21636	0.12308	0.36842		

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.
01/08/2017	95.6343	0.6933	0.2852	0.9527	3.5221	255.1071	25.7500	39.4300	51.6000	0.7316		
02/08/2017	95.6444	0.7007	0.2671	0.9585	3.5300	255.3956	26.9500	39.3600	51.5400	0.6685		
03/08/2017	95.6026	0.6722	0.2822	0.9225	3.7370	253.0659	25.1400	39.4800	51.6400	0.5694		
04/08/2017	95.5329	0.6703	0.2786	0.9117	3.6817	252.9547	23.8400	39.4500	51.6300	0.5964		
05/08/2017	95.5957	0.7118	0.2506	0.9528	3.5116	251.8780	22.2300	39.3600	51.5700	0.5694		
06/08/2017	95.5453	0.7473	0.2613	0.9885	3.5040	252.4443	23.4400	39.3700	51.5500	0.5784		
07/08/2017	95.5389	0.7447	0.2797	1.0204	3.6113	252.8742	25.5500	39.5100	51.6200	0.7496		
08/08/2017	95.5671	0.7203	0.2734	0.9589	3.5593	252.4244	23.6400	39.3400	51.5700	0.6775		
09/08/2017	95.4763	0.7127	0.2999	0.9779	3.6233	252.5035	23.1300	39.4900	51.5900	0.5874		
10/08/2017	95.0697	0.7097	0.2741	0.9788	3.6790	253.0739	24.4400	39.5400	51.6500	0.6415		
11/08/2017	94.9507	0.7239	0.2717	0.9868	3.7572	252.0822	22.0300	39.6300	51.6700	0.5334		
12/08/2017	94.9365	0.7363	0.3160	1.0292	3.8247	252.7785	19.1100	39.6100	51.6600	0.6956		
13/08/2017	94.9903	0.7457	0.3078	1.0171	3.9393	254.0069	24.9400	39.6300	51.6800	0.8668		
14/08/2017	94.9750	0.6851	0.2745	0.9569	3.8461	253.7569	23.1300	39.6000	51.6800	0.6956		
15/08/2017	94.7666	0.6677	0.2652	0.9218	4.1426	254.0455	23.4400	39.7100	51.7400	0.6865		
16/08/2017	94.6929	0.6904	0.2765	0.9491	4.1299	253.9452	22.1300	39.8300	51.8000	0.7496		
17/08/2017	95.0524	0.6893	0.2822	0.9648	3.9323	254.6182	23.4400	39.6200	51.7000	0.6505		
18/08/2017	94.8748	0.6753	0.2634	0.9346	3.8040	255.6149	41.0200	39.6800	51.7200	0.6685		
19/08/2017	94.8063	0.7013	0.2900	0.9703	4.0387	254.6602	24.9400	39.6900	51.7300	0.7316		
20/08/2017	94.8094	0.7033	0.2863	0.9864	3.8575	255.1658	23.6400	39.6900	51.7400	0.7316		
21/08/2017	94.9309	0.7129	0.3017	0.9863	3.8984	254.9963	47.0500	39.7100	51.7400	0.6956		
22/08/2017	95.0267	0.7297	0.2675	0.9674	3.6632	255.0066	24.4400	39.5900	51.6600	0.6865		
23/08/2017	95.0768	0.6666	0.2462	0.9077	3.5807	255.5065	23.2400	39.6300	51.7100	0.4613		
24/08/2017	95.0330	0.6768	0.2707	0.9288	3.6417	255.3546	25.1400	39.6400	51.7100	0.4162		
25/08/2017	94.9951	0.6731	0.2981	0.9462	3.7584	254.9758	25.6500	39.6500	51.7400	0.5784		
26/08/2017	95.0096	0.6582	0.2932	0.9327	3.6825	256.5753	26.0500	39.6500	51.7600	0.6235		
27/08/2017	98.9791	0.6883	0.2919	0.9661	3.7745	266.3464	26.9500	39.6900	51.7800	2.4886		
28/08/2017	98.4134	0.5236	0.2329	0.7526	2.5511	268.0922	31.4800	39.2700	51.6300	3.6240		
29/08/2017	96.8496	0.6765	0.3412	0.9498	4.1938	266.4388	50.5700	39.8700	51.9000	3.3626		
30/08/2017	94.6728	0.6892	0.2783	0.9569	4.7400	263.4467	55.4000	40.5000	52.3200	0.5874		
31/08/2017	94.2408	0.9064	0.3786	1.1925	4.7134	254.9713	41.4300	40.4600	52.3000	0.5063		

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

Mínimo	94.2408	0.5236	0.2329	0.7526	2.5511	251.8780	19.1100	39.2700	51.5400	0.4162		
Promedio	95.3964	0.7001	0.2834	0.9622	3.7880	255.6163	28.0429	39.6348	51.7203	0.8842		
Máximo	98.9791	0.9064	0.3786	1.1925	4.7400	268.0922	55.4000	40.5000	52.3200	3.6240		
Desv. Est.	0.99897	0.05553	0.02741	0.06410	0.38089	4.31109	9.01527	0.26688	0.17613	0.77759		

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.
01/08/2017	95.1807	0.6103	0.2257	0.8735	3.1644	250.4751	20.8200	39.2400	51.4500	0.4072		
02/08/2017	95.2413	0.6267	0.2295	0.8614	3.1839	249.8761	22.2300	39.2600	51.4500	0.4523		
03/08/2017	95.0073	0.5848	0.2189	0.8444	3.2620	249.7966	20.7200	39.2700	51.4800	0.3351		
04/08/2017	95.0796	0.5846	0.2054	0.8007	3.3126	248.1795	20.8200	39.2800	51.4900	0.3532		
05/08/2017	95.2682	0.6098	0.2177	0.8457	3.2280	248.4486	19.4200	39.2700	51.4500	0.3171		
06/08/2017	95.2484	0.6414	0.2243	0.8846	3.2582	247.8874	19.9200	39.2300	51.4000	0.3802		
07/08/2017	95.0546	0.6170	0.2178	0.8539	3.2553	250.4297	20.9200	39.2200	51.4000	0.4703		
08/08/2017	95.2296	0.6000	0.2231	0.8331	3.2647	248.8764	20.5200	39.2400	51.4300	0.4252		
09/08/2017	94.9470	0.6255	0.2517	0.8893	3.3362	249.7652	20.5200	39.2700	51.4500	0.3802		
10/08/2017	94.8156	0.6422	0.2176	0.8862	3.4943	250.5273	20.3200	39.4700	51.5700	0.3622		
11/08/2017	94.7527	0.6664	0.2215	0.9057	3.5851	247.3292	16.3000	39.5000	51.5600	0.3261		
12/08/2017	94.6543	0.6550	0.2596	0.9203	3.5833	247.4674	16.1000	39.4500	51.5200	0.4072		
13/08/2017	94.5338	0.6431	0.2558	0.9085	3.5428	250.4953	18.3100	39.4200	51.5000	0.5244		
14/08/2017	94.6581	0.6306	0.2386	0.8910	3.5794	250.4715	20.7200	39.5100	51.6000	0.4793		
15/08/2017	94.3531	0.6370	0.2333	0.8735	3.7893	251.4399	20.1200	39.5900	51.6700	0.4523		
16/08/2017	94.3440	0.6375	0.2261	0.8867	3.8280	251.8618	20.3200	39.6000	51.6600	0.3892		
17/08/2017	94.5928	0.6117	0.2455	0.8828	3.5062	250.5600	20.7200	39.4900	51.5900	0.3982		
18/08/2017	94.6263	0.6068	0.2438	0.8642	3.6140	252.4990	21.3300	39.5800	51.6500	0.4433		
19/08/2017	94.3855	0.6368	0.2494	0.8890	3.6897	252.3672	21.4300	39.5500	51.6100	0.4613		
20/08/2017	94.5885	0.6213	0.2478	0.8787	3.6608	252.1384	10.3700	39.5400	51.5900	0.5063		
21/08/2017	94.5107	0.6245	0.2536	0.8861	3.5708	251.8591	20.7200	39.5200	51.6100	0.3712		
22/08/2017	94.7825	0.6529	0.2200	0.8874	3.4785	252.4835	20.6200	39.5000	51.5700	0.3351		
23/08/2017	94.8804	0.6372	0.2222	0.8601	3.4232	252.6069	20.6200	39.5200	51.6200	0.2540		
24/08/2017	94.8028	0.6284	0.2310	0.8724	3.4935	252.1466	22.0300	39.5100	51.6100	0.2450		
25/08/2017	94.7300	0.5661	0.2596	0.8490	3.5471	252.0058	22.8300	39.5100	51.6000	0.2991		
26/08/2017	94.8149	0.5687	0.2390	0.8174	3.4805	252.3177	22.8300	39.5300	51.6200	0.3712		
27/08/2017	94.6478	0.2967	0.1196	0.4188	0.3622	254.1808	18.7100	38.5900	51.4200	0.2811		
28/08/2017	96.2117	0.2836	0.1272	0.4121	0.8027	261.1482	24.7400	38.7900	51.4600	1.7318		
29/08/2017	94.1497	0.3780	0.1902	0.5682	2.0394	255.6614	24.0400	39.2100	51.6300	0.2180		
30/08/2017	93.1876	0.4427	0.1634	0.6143	3.6771	252.0079	25.1400	39.6600	51.6800	0.2180		
31/08/2017	93.2005	0.4645	0.2063	0.6837	4.0366	251.5948	22.5300	39.6500	51.5300	0.2090		

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

Mínimo	93.1876	0.2836	0.1196	0.4121	0.3622	247.3292	10.3700	38.5900	51.4000	0.2090		
Promedio	94.7252	0.5817	0.2221	0.8175	3.2597	251.2550	20.5400	39.3861	51.5442	0.4130		
Máximo	96.2117	0.6664	0.2596	0.9203	4.0366	261.1482	25.1400	39.6600	51.6800	1.7318		
Desv. Est.	0.56224	0.10043	0.03350	0.13393	0.78877	2.64904	2.73123	0.23481	0.08663	0.25933		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.