


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.
01/10/2018	95.4150	0.7927	0.2543	1.0468	3.0322	258.9661	33.5000	39.2800	51.3900	0.1652	<10.8	0.00
02/10/2018	95.2733	0.7686	0.2655	1.0342	3.1873	259.0904	32.6300	39.3100	51.4200	0.0837		
03/10/2018	95.3063	0.7956	0.2600	1.0558	3.1171	258.5529	31.7600	39.3000	51.3900	0.0798		
04/10/2018	95.2915	0.7904	0.2603	1.0507	3.1134	258.6189	31.5900	39.3000	51.4000	0.0162		
05/10/2018	95.0840	0.7566	0.2535	1.0102	3.2822	258.8586	31.7300	39.4200	51.4900	0.0003		
06/10/2018	95.1806	0.7430	0.2488	0.9918	3.2266	258.4503	31.4500	39.4200	51.5100	0.0000		
07/10/2018	95.1999	0.7191	0.2478	0.9670	3.2387	258.0058	31.0100	39.4500	51.5200	0.0000		
08/10/2018	95.2225	0.7336	0.2461	0.9796	3.2074	257.7722	30.9400	39.4000	51.5100	0.0000		
09/10/2018	95.1617	0.7817	0.2474	1.0291	3.1852	256.9741	31.9600	39.3800	51.4800	0.0000		
10/10/2018	95.1760	0.8072	0.2480	1.0552	3.1753	256.5158	31.6200	39.3500	51.4300	0.0000		
11/10/2018	95.2708	0.7878	0.2604	1.0482	3.1497	258.3704	32.5100	39.3200	51.4100	0.0000		
12/10/2018	95.2347	0.7593	0.2672	1.0264	3.1849	258.1952	31.4600	39.3400	51.4400	0.0000		
13/10/2018	95.2542	0.7578	0.2701	1.0279	3.2002	256.8754	31.5400	39.3200	51.4400	0.0000		
14/10/2018	95.2152	0.7137	0.2568	0.9704	3.2461	256.5654	31.0800	39.4200	51.5100	0.0000		
15/10/2018	95.1714	0.7153	0.2571	0.9724	3.2822	256.7185	30.5200	39.4200	51.5100	0.0000		
16/10/2018	95.0913	0.7286	0.2609	0.9896	3.3310	256.4687	29.6600	39.4200	51.5100	0.0000		
17/10/2018	95.1015	0.7352	0.2532	0.9884	3.2958	257.4476	29.4300	39.4400	51.5100	0.0000		
18/10/2018	95.5061	0.8242	0.2660	1.0902	2.9676	257.4931	29.3600	39.2000	51.3200	0.0077		
19/10/2018	95.0294	0.7982	0.2606	1.0588	3.2579	260.1494	29.1600	39.4400	51.4700	0.0000		
20/10/2018	94.9763	0.8710	0.2783	1.1493	3.4537	261.3816	29.9200	39.3100	51.3300	0.0000		
21/10/2018	95.1688	0.9036	0.2877	1.1913	3.3307	261.5846	30.9000	39.1900	51.2600	0.0002		
22/10/2018	94.7361	0.9027	0.2833	1.1860	3.7960	261.2002	32.5100	39.3200	51.3300	4.1246		
23/10/2018	94.6693	0.7920	0.2442	1.0362	3.7575	262.7246	33.6100	39.5200	51.5400	4.1246		
24/10/2018	94.7376	0.8850	0.2694	1.1545	3.7180	261.5786	33.8700	39.3700	51.3700	4.1246		
25/10/2018	94.2867	0.8812	0.2529	1.1343	4.0796	260.8427	34.7500	39.5700	51.4900	1.2610		
26/10/2018	94.2752	0.8601	0.2468	1.1069	4.0034	259.5952	37.4200	39.6000	51.5300	1.1093		
27/10/2018	94.7003	0.8598	0.2370	1.0968	3.6154	260.0083	35.3300	39.4700	51.4600	1.3887		
28/10/2018	94.9926	0.8351	0.2404	1.0755	3.4658	260.3430	30.1800	39.3800	51.4200	0.8532		
29/10/2018	95.0440	0.8753	0.2459	1.1211	3.3999	259.8507	28.1700	39.3200	51.3500	0.3624		
30/10/2018	95.1287	0.9570	0.2593	1.2163	3.3064	259.6689	28.0600	39.1800	51.2300	0.2162		
31/10/2018	94.8125	0.9242	0.2340	1.1583	3.5267	259.5990	28.6100	39.3600	51.3500	0.2423		

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

Mínimo	94.2752	0.7137	0.2340	0.9670	2.9676	256.4687	28.0600	39.1800	51.2300	0.0000		
Promedio	95.0553	0.8082	0.2569	1.0651	3.3592	258.9828	31.4916	39.3716	51.4297	0.5858		
Máximo	95.5061	0.9570	0.2877	1.2163	4.0796	262.7246	37.4200	39.6000	51.5400	4.1246		
Desv. Est.	0.28961	0.06782	0.01268	0.07073	0.27073	1.71614	2.10801	0.09815	0.08228	1.24034		

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.
01/10/2018	95.5758	0.8238	0.2682	1.0695	3.1915	261.8712	35.6000	39.3300	51.4300	0.3081		
02/10/2018	95.4082	0.8058	0.2757	1.0673	3.2438	261.6906	35.5000	40.0200	51.8300	0.2180		
03/10/2018	95.4707	0.8191	0.2788	1.0810	3.3586	261.1657	33.8900	39.3700	51.4500	0.1910		
04/10/2018	95.4324	0.8164	0.2712	1.0732	3.2060	261.7256	34.3900	39.3400	51.4500	0.1730		
05/10/2018	95.3436	0.8142	0.2679	1.0698	3.3845	261.7424	43.9400	39.4800	51.5400	0.0378		
06/10/2018	95.3398	0.8112	0.2640	1.0672	3.3311	261.7244	34.2900	39.4700	51.5600	0.0000		
07/10/2018	95.2472	0.7412	0.2610	0.9915	3.3069	261.2502	46.8500	39.4600	51.5500	0.0000		
08/10/2018	95.2884	0.7531	0.2571	0.9989	3.2870	260.3768	32.8800	39.4500	51.5400	0.0000		
09/10/2018	95.2547	0.8071	0.2600	1.0533	3.2541	260.7347	33.2900	39.4200	51.5200	0.0018		
10/10/2018	95.3120	0.8504	0.2653	1.1151	3.2983	259.3165	33.8900	39.4400	51.5000	0.0000		
11/10/2018	95.3315	0.8496	0.2722	1.1030	3.2500	260.9650	34.7900	39.4000	51.4900	0.0000		
12/10/2018	95.3590	0.7971	0.2811	1.0749	3.3160	260.9029	33.7900	39.4500	51.5300	0.0000		
13/10/2018	95.3625	0.8115	0.2846	1.0938	3.2783	259.6020	33.8900	39.4000	51.5100	0.0000		
14/10/2018	95.2570	0.7713	0.2778	1.0491	3.2689	259.2141	56.4000	39.4400	51.5600	0.0000		
15/10/2018	95.2206	0.7548	0.2730	1.0278	3.3623	259.8587	52.1800	39.4600	51.5600	0.0018		
16/10/2018	95.1571	0.7400	0.2693	1.0056	3.4135	259.6764	55.9000	39.4700	51.5500	0.0018		
17/10/2018	95.1934	0.7516	0.2656	1.0057	3.3571	259.0599	55.6000	39.4800	51.5400	0.0000		
18/10/2018	95.8094	0.8745	0.2909	1.1307	3.3103	260.2847	51.3800	39.4500	51.5300	19.2661		
19/10/2018	95.7913	0.8770	0.2912	1.1598	3.6734	262.2436	37.1000	39.8700	51.7700	0.0000		
20/10/2018	95.2767	0.9288	0.2929	1.2066	3.7140	263.7837	31.8800	39.5900	51.5300	0.0000		
21/10/2018	95.3627	0.9553	0.3158	1.2332	3.7650	263.3444	32.5800	39.3000	51.3300	0.0378		
22/10/2018	94.8770	0.9461	0.3008	1.2284	3.9236	264.1936	41.2200	39.3500	51.3400	14.8510		
23/10/2018	95.3805	0.9128	0.2851	1.1962	4.1851	264.5346	44.9400	39.7700	51.7000	14.8510		
24/10/2018	95.1117	0.9621	0.2977	1.2326	4.1312	266.0912	36.0000	39.4900	51.4900	14.8510		
25/10/2018	94.5850	0.9879	0.2942	1.2614	4.2303	264.3865	37.5100	39.7200	51.6500	1.6326		
26/10/2018	94.6071	0.8979	0.2638	1.1570	4.2019	263.1189	39.9200	39.6900	51.6200	1.3984		
27/10/2018	95.1050	0.9254	0.2527	1.1509	3.9745	262.3544	39.8200	39.6000	51.5300	1.6957		
28/10/2018	95.1159	0.8742	0.2487	1.1186	3.5568	262.6183	39.6200	39.4200	51.4900	1.2812		
29/10/2018	95.1831	0.9588	0.2636	1.2130	3.6139	262.3317	30.5700	39.4200	51.4500	0.8848		
30/10/2018	95.3237	0.9829	0.2754	1.2420	3.4101	262.3289	30.0700	39.2400	51.2700	0.3261		
31/10/2018	95.0790	0.9741	0.2591	1.2174	3.6531	262.8180	30.3700	39.4800	51.4200	0.3712		

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Mínimo	94.5850	0.7400	0.2487	0.9915	3.1915	259.0599	30.0700	39.2400	51.2700	0.0000		
Promedio	95.2633	0.8573	0.2750	1.1192	3.5307	261.7842	39.0339	39.4926	51.5235	2.3348		
Máximo	95.8094	0.9879	0.3158	1.2614	4.2303	266.0912	56.4000	40.0200	51.8300	19.2661		
Desv. Est.	0.25834	0.07897	0.01549	0.08170	0.32852	1.73497	7.98238	0.16761	0.11441	5.39821		

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.
01/10/2018	95.2649	0.7614	0.2362	1.0170	2.8651	256.8634	26.3500	39.2200	51.3500	0.0108		
02/10/2018	94.9395	0.7513	0.2510	1.0074	3.0274	257.3627	23.8400	39.2700	51.3700	0.0018		
03/10/2018	95.0907	0.7673	0.2382	1.0295	2.9606	256.4998	14.3900	39.2500	51.3600	0.0000		
04/10/2018	95.2350	0.7602	0.2422	1.0121	2.9845	256.8628	25.7500	39.2600	51.3600	0.0000		
05/10/2018	94.9850	0.7386	0.2431	0.9910	3.0811	255.7330	19.3200	39.2900	51.3800	0.0000		
06/10/2018	95.0304	0.7083	0.2352	0.9529	3.0869	256.4532	25.6500	39.2900	51.3800	0.0000		
07/10/2018	95.0945	0.7077	0.2358	0.9453	3.1760	254.6557	26.3500	39.4100	51.5000	0.0000		
08/10/2018	95.1278	0.7171	0.2353	0.9560	3.1340	255.7807	26.0500	39.3700	51.4700	0.0000		
09/10/2018	95.0911	0.7281	0.2345	0.9751	3.1305	253.6882	25.7500	39.3600	51.4300	0.0000		
10/10/2018	95.0388	0.7695	0.2359	1.0111	3.0819	253.1375	25.5500	39.2800	51.3500	0.0000		
11/10/2018	95.1564	0.7455	0.2449	0.9969	3.0915	256.1829	26.2500	39.2800	51.3500	0.0000		
12/10/2018	95.0922	0.7239	0.2480	0.9771	3.0926	255.7695	25.5500	39.2600	51.3600	0.0000		
13/10/2018	95.1565	0.7164	0.2570	0.9743	3.0875	254.9287	25.3500	39.2400	51.3400	0.0000		
14/10/2018	95.1438	0.6878	0.2468	0.9376	3.2097	254.4745	26.0500	39.3100	51.4100	0.0000		
15/10/2018	95.0518	0.6906	0.2472	0.9395	3.2154	254.2279	25.7500	39.3500	51.4500	0.0000		
16/10/2018	94.9933	0.7181	0.2514	0.9718	3.2765	253.7948	21.4300	39.4100	51.5000	0.0000		
17/10/2018	95.0294	0.7186	0.2371	0.9665	3.2280	255.4207	26.1500	39.4000	51.4900	0.0000		
18/10/2018	95.0851	0.7292	0.2446	0.9830	2.7099	255.7215	18.5100	39.0500	51.2000	0.0000		
19/10/2018	94.2737	0.7259	0.2277	0.9642	2.7362	257.6993	17.9100	39.0600	51.1900	0.0000		
20/10/2018	94.4901	0.8264	0.2549	1.0964	3.2563	259.4263	26.3500	39.2000	51.2400	0.0000		
21/10/2018	94.7121	0.8209	0.2684	1.1282	3.1900	259.9991	29.6700	39.1600	51.2100	0.0000		
22/10/2018	94.5655	0.8866	0.2690	1.1630	3.6383	258.7924	23.3400	39.2800	51.2800	0.0198		
23/10/2018	94.0723	0.6726	0.2129	0.8908	3.1876	260.6127	26.7500	39.3000	51.3100	0.0000		
24/10/2018	94.2537	0.8179	0.2351	1.0575	3.3098	258.9949	25.0400	39.2400	51.2400	0.0000		
25/10/2018	94.0434	0.7882	0.2236	1.0206	3.8733	258.5048	28.6600	39.3500	51.2900	0.7947		
26/10/2018	94.1081	0.8005	0.2320	1.0457	3.7600	210.0031	25.3500	39.4600	51.4300	0.3982		
27/10/2018	94.3006	0.8031	0.2150	1.0297	3.3369	258.2898	27.5600	39.3300	51.3700	1.0199		
28/10/2018	94.9220	0.7797	0.2200	1.0134	3.3267	258.8596	26.7500	39.3100	51.3500	0.5784		
29/10/2018	94.8108	0.8190	0.2242	1.0671	3.3055	257.5514	26.4500	39.1800	51.2200	0.0108		
30/10/2018	95.0099	0.9093	0.2457	1.1679	3.1470	257.4256	26.2500	39.1200	51.1700	0.0288		
31/10/2018	94.6432	0.8900	0.2140	1.1226	3.3637	257.3182	26.9500	39.2100	51.2500	0.1099		

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Mínimo	94.0434	0.6726	0.2129	0.8908	2.7099	210.0031	14.3900	39.0500	51.1700	0.0000		
Promedio	94.8326	0.7639	0.2389	1.0133	3.1894	255.1947	24.8732	39.2742	51.3419	0.0959		
Máximo	95.2649	0.9093	0.2690	1.1679	3.8733	260.6127	29.6700	39.4600	51.5000	1.0199		
Desv. Est.	0.37594	0.06055	0.01409	0.06707	0.24773	8.60502	3.27842	0.09660	0.09446	0.25121		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

