


INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)

PERMISIONARIO:	TRACTEBEL GNP, S.A. de C.V.	
PUNTO DE MEDICIÓN:	Nuevo Madero	
ZONA DE MEDICIÓN:	RESTO DEL PAÍS	

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)
	84.0 MÍN.	3.0 MÁX.	4.0 MÁX.	4.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	37.3 MÍN.	48.2 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/03/2017	95.7273	0.8199	0.3131	1.1331	2.9133	255.0489	19.7300	38.3100	50.2600	1.1262		
02/03/2017	95.7207	0.8218	0.3225	1.1442	2.9102	254.7076	18.9800	38.3100	50.2600	1.0374		
03/03/2017	95.8223	0.8168	0.3093	1.1260	2.8134	254.8257	18.9400	38.2900	50.2600	0.9571		
04/03/2017	95.7224	0.8300	0.2879	1.1179	2.9215	254.4972	18.9100	38.3200	50.2700	1.0730		
05/03/2017	95.7402	0.8325	0.2973	1.1298	2.8966	254.8421	18.4100	38.3200	50.2600	1.1118		
06/03/2017	95.8113	0.8377	0.2871	1.1248	2.8311	255.8093	18.5000	38.3000	50.2600	1.0398		
07/03/2017	95.6976	0.8435	0.2862	1.1297	2.9258	255.8671	19.7600	38.3200	50.2600	1.1023		
08/03/2017	95.6335	0.8578	0.2875	1.1454	2.9998	254.8122	18.7300	38.3200	50.2600	1.2255		
09/03/2017	95.6165	0.8479	0.2948	1.1427	3.0363	254.2902	18.2100	38.3300	50.2600	1.2355		
10/03/2017	95.5782	0.8249	0.2946	1.1194	3.0938	253.4798	19.3200	38.3500	50.2900	1.2676		
11/03/2017	95.6340	0.8412	0.2915	1.1327	3.0183	253.5179	19.5700	38.3300	50.2700	1.3907		
12/03/2017	95.6516	0.8414	0.2971	1.1385	2.9813	254.9928	18.7100	38.3300	50.2600	1.2800		
13/03/2017	95.6835	0.8241	0.2853	1.1094	2.9865	254.0694	18.5300	38.3300	50.2900	1.2690		
14/03/2017	95.7078	0.8145	0.2906	1.1051	2.9851	253.9112	18.7100	38.3300	50.2900	1.3271		
15/03/2017	95.7480	0.8157	0.2693	1.0850	2.9557	253.1857	18.4900	38.3200	50.2900	1.3845		
16/03/2017	95.8069	0.8302	0.2529	1.0831	2.9044	253.6856	20.6000	38.3200	50.2800	1.4931		
17/03/2017	95.7474	0.8174	0.2820	1.0994	2.9364	254.1123	18.6400	38.3300	50.2800	1.4518		
18/03/2017	95.6376	0.8369	0.2992	1.1362	3.0010	253.9281	19.6400	38.3300	50.2700	1.4166		
19/03/2017	95.4013	0.8939	0.2817	1.1757	3.1993	253.7394	19.3900	38.3800	50.2700	1.7394		
20/03/2017	95.6287	0.8813	0.2497	1.1309	2.9936	256.2611	19.7000	38.3500	50.2800	1.4951		
21/03/2017	95.7115	0.8652	0.2461	1.1113	2.9303	255.3333	18.9800	38.3200	50.2600	1.3266		
22/03/2017	95.7732	0.8647	0.2461	1.1108	2.8992	255.4095	19.5900	38.3100	50.2600	1.3744		
23/03/2017	95.7348	0.8222	0.3126	1.1348	2.8955	253.6480	18.6600	38.3100	50.2500	1.2210		
24/03/2017	95.7289	0.8041	0.3097	1.1139	2.9128	253.0028	19.2600	38.3200	50.2900	1.2443		
25/03/2017	95.7168	0.8104	0.2981	1.1085	2.9283	254.0527	19.8700	38.3300	50.2900	1.3133		
26/03/2017	95.7629	0.8343	0.2748	1.1091	2.8993	254.9249	20.0000	38.3200	50.2800	1.2976		
27/03/2017	95.6595	0.8310	0.2769	1.1079	3.0123	254.3843	19.7200	38.3400	50.2900	1.3355		
28/03/2017	95.6836	0.8332	0.2777	1.1110	2.9777	254.2423	18.6900	38.3300	50.2800	1.2844		
29/03/2017	95.5120	0.8644	0.2954	1.1597	3.1185	254.1204	18.7900	38.3600	50.2600	1.4116		
30/03/2017	95.3155	0.8428	0.3222	1.1651	3.2837	253.3074	19.5200	38.4000	50.2900	1.6332		
31/03/2017	95.5614	0.8088	0.3133	1.1221	3.0452	254.4805	19.9400	38.3800	50.3100	1.3743		

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

Mínimo	95.3155	0.8041	0.2461	1.0831	2.8134	253.0028	18.2100	38.2900	50.2500	0.9571		
Promedio	95.6734	0.8358	0.2888	1.1246	2.9744	254.4029	19.1771	38.3303	50.2735	1.2981		
Máximo	95.8223	0.8939	0.3225	1.1757	3.2837	256.2611	20.6000	38.4000	50.3100	1.7394		
Desv. Est.	0.11140	0.02137	0.02062	0.02110	0.09885	0.81332	0.58778	0.02359	0.01473	0.17223		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros Máximos diarios)

PERMISIONARIO: TRACTEBEL GNP, S.A. de C.V.
 PUNTO DE MEDICIÓN: Nuevo Madero
 ZONA DE MEDICIÓN: RESTO DEL PAÍS



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)
	84.0 MÍN.	3.0 MÁX.	4.0 MÁX.	4.0 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.
01/03/2017	95.8059	0.8462	0.3297	1.1677	3.0076	256.4476	21.1200	38.3300	50.2900	1.2812		
02/03/2017	95.8440	0.8437	0.3358	1.1648	3.0077	256.5658	20.5200	38.3500	50.2900	1.2182		
03/03/2017	96.0578	0.8824	0.3334	1.1724	3.0416	256.2209	23.9400	38.3400	50.3000	1.4614		
04/03/2017	95.8727	0.9268	0.3077	1.2138	3.1026	256.8849	23.8400	38.4400	50.3300	1.1911		
05/03/2017	95.8968	0.8677	0.3151	1.1594	3.0526	257.0822	19.3200	38.3500	50.3000	1.2452		
06/03/2017	96.0637	0.8776	0.3013	1.1667	3.0902	257.1982	19.9200	38.3600	50.2900	1.2452		
07/03/2017	95.9119	0.9171	0.3010	1.2060	3.1641	256.7007	42.0300	38.3800	50.3000	1.3533		
08/03/2017	95.7089	0.9003	0.3136	1.2017	3.1007	256.1230	42.9300	38.3500	50.3000	1.3623		
09/03/2017	95.7342	0.8893	0.3136	1.1818	3.1660	255.6211	19.7200	38.3700	50.2900	1.4434		
10/03/2017	95.7670	0.8650	0.3211	1.1479	3.2312	254.4387	21.4300	38.4000	50.3300	1.4164		
11/03/2017	95.7955	0.8851	0.3113	1.1837	3.2161	254.5652	44.7400	38.3800	50.3200	1.5425		
12/03/2017	95.7590	0.8856	0.3115	1.1850	3.0714	256.3178	44.6400	38.3700	50.3200	1.5245		
13/03/2017	95.7761	0.8875	0.3023	1.1841	3.1412	255.1389	19.6200	38.3600	50.3200	1.4074		
14/03/2017	95.7858	0.8907	0.3068	1.1724	3.0591	255.4596	19.6200	38.4000	50.3400	1.5065		
15/03/2017	95.8651	0.8683	0.2946	1.1341	3.0731	254.3347	19.4200	38.3600	50.3400	1.7408		
16/03/2017	95.9097	0.8658	0.2735	1.1160	3.0564	254.7149	38.7100	38.3600	50.3300	1.6777		
17/03/2017	95.9201	0.8617	0.3160	1.1445	3.0530	255.5339	20.1200	38.3800	50.3400	1.6687		
18/03/2017	95.7779	0.9054	0.3197	1.2015	3.1646	255.4670	20.6200	38.3600	50.3200	1.6236		
19/03/2017	95.6723	0.9775	0.3106	1.2527	3.4998	257.5602	20.3200	38.5500	50.4000	2.1462		
20/03/2017	95.8257	0.9288	0.2670	1.1787	3.1970	259.3547	39.4200	38.5000	50.4000	1.7047		
21/03/2017	95.7894	0.9118	0.2604	1.1572	3.2772	256.4923	20.2200	38.4500	50.3600	1.9390		
22/03/2017	95.7732	0.8647	0.2461	1.1108	2.8992	255.4095	35.1900	38.3100	50.2600	1.6236		
23/03/2017	95.8194	0.8665	0.4957	1.2815	2.9818	259.8117	20.2200	38.3400	50.3000	1.4254		
24/03/2017	95.8644	0.8395	0.3289	1.1557	3.0251	254.3940	24.0400	38.3500	50.3500	1.4164		
25/03/2017	95.9097	0.8584	0.3281	1.1571	3.0778	255.7545	44.9400	38.4000	50.3300	1.5065		
26/03/2017	95.9321	0.9017	0.2999	1.1778	3.1406	256.4635	23.8400	38.3700	50.3100	1.6056		
27/03/2017	95.7934	0.9231	0.2871	1.2010	3.3235	255.5788	44.8400	38.4000	50.3300	1.5786		
28/03/2017	95.9080	0.9101	0.3004	1.1981	3.6426	256.1977	20.3200	38.4500	50.3200	2.1012		
29/03/2017	95.7462	0.9283	0.3086	1.2224	3.4671	255.5138	20.3200	38.4300	50.3000	1.9120		
30/03/2017	95.6545	0.9133	0.3604	1.2129	3.7392	255.2721	44.5400	38.5400	50.3800	2.0832		
31/03/2017	95.7430	0.8880	0.3491	1.2042	3.2927	256.6329	44.5400	38.4800	50.4000	1.6146		


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Mínimo	95.6545	0.8395	0.2461	1.1108	2.8992	254.3347	19.3200	38.3100	50.2600	1.1911		
Promedio	95.8285	0.8896	0.3145	1.1811	3.1730	256.1049	28.5487	38.3939	50.3255	1.5667		
Máximo	96.0637	0.9775	0.4957	1.2815	3.7392	259.8117	44.9400	38.5500	50.4000	2.1462		
Desv. Est.	0.09629	0.03042	0.04140	0.03588	0.19127	1.26321	10.69748	0.05970	0.03453	0.25776		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros Mínimos diarios)

PERMISIONARIO:	TRACTEBEL GNP, S.A. de C.V.	
PUNTO DE MEDICIÓN:	Nuevo Madero	
ZONA DE MEDICIÓN:	RESTO DEL PAÍS	

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)
	84.0 MÍN.	3.0 MÁX.	4.0 MÁX.	4.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	37.3 MÍN.	48.2 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/03/2017	95.6174	0.7886	0.2995	1.0995	2.8491	253.9246	17.2100	38.3000	50.2400	0.9839		
02/03/2017	95.6173	0.7622	0.3146	1.0946	2.8153	253.6800	13.7900	38.3000	50.2400	0.8487		
03/03/2017	95.5731	0.7561	0.2819	1.0644	2.5678	253.5260	17.7100	38.2400	50.2100	0.7496		
04/03/2017	95.4443	0.7625	0.2700	1.0555	2.8301	253.2603	17.2100	38.3000	50.2000	0.8668		
05/03/2017	95.6104	0.7951	0.2825	1.0955	2.7389	252.5272	16.7000	38.2800	50.2300	0.9298		
06/03/2017	95.5238	0.7988	0.2721	1.0929	2.5832	254.4027	17.1000	38.2400	50.2200	0.6865		
07/03/2017	95.3930	0.7914	0.2738	1.0876	2.7118	254.8600	17.9100	38.2800	50.2200	0.8668		
08/03/2017	95.4727	0.7959	0.2732	1.0921	2.9403	253.5750	16.6000	38.3100	50.2200	1.0470		
09/03/2017	95.4524	0.8158	0.2785	1.1116	2.9346	253.1987	16.5000	38.3000	50.2400	1.0470		
10/03/2017	95.4511	0.7875	0.2718	1.0946	2.9242	252.4396	11.4800	38.3100	50.2600	1.1100		
11/03/2017	95.3973	0.8057	0.2777	1.0867	2.9057	252.2643	18.1100	38.3100	50.2400	1.1641		
12/03/2017	95.5190	0.7903	0.2825	1.0794	2.8660	253.3491	16.5000	38.3000	50.2400	1.0920		
13/03/2017	95.4573	0.7817	0.2759	1.0671	2.9155	253.0809	16.8000	38.3100	50.2500	1.1371		
14/03/2017	95.5781	0.7680	0.2816	1.0639	2.9140	252.8711	17.4100	38.3100	50.2300	1.1190		
15/03/2017	95.5934	0.7722	0.2452	1.0373	2.8531	252.0684	17.1000	38.2900	50.2600	1.1911		
16/03/2017	95.6807	0.7979	0.2361	1.0487	2.8079	252.2911	16.8000	38.2800	50.2500	1.2632		
17/03/2017	95.6127	0.7735	0.2492	1.0383	2.8209	252.2929	17.1000	38.2900	50.2400	1.2362		
18/03/2017	95.4281	0.7927	0.2839	1.0863	2.9036	252.6218	11.9800	38.3000	50.2200	1.1821		
19/03/2017	95.0175	0.8162	0.2653	1.0828	2.9702	252.3747	18.3100	38.3100	50.2200	1.3353		
20/03/2017	95.3639	0.8125	0.2267	1.0673	2.8230	253.4889	17.8100	38.2800	50.2100	1.2001		
21/03/2017	95.3461	0.8382	0.2358	1.0832	2.8942	252.8900	17.5100	38.3100	50.2400	0.8668		
22/03/2017	95.7732	0.8647	0.2461	1.1108	2.8992	255.4095	9.7700	38.3100	50.2600	1.1911		
23/03/2017	95.5772	0.7793	0.2461	1.1097	2.8133	251.7212	17.3100	38.2600	50.1800	1.0470		
24/03/2017	95.5964	0.7525	0.2802	1.0355	2.8377	252.1024	17.5100	38.2900	50.2400	1.0560		
25/03/2017	95.5012	0.7811	0.2762	1.0711	2.7686	252.3741	10.2700	38.3000	50.2500	1.1100		
26/03/2017	95.4578	0.8053	0.2602	1.0712	2.7620	253.5671	10.1700	38.2900	50.2400	1.1100		
27/03/2017	95.2587	0.7932	0.2631	1.0708	2.8870	253.5725	9.1700	38.3100	50.2600	1.1190		
28/03/2017	95.0303	0.7808	0.2599	1.0548	2.8214	250.4873	17.2100	38.3100	50.2300	1.0199		
29/03/2017	95.1285	0.8036	0.2790	1.0872	2.9178	252.4853	17.4100	38.2900	50.2200	1.0199		
30/03/2017	94.8346	0.7887	0.2966	1.1300	2.9732	251.6969	11.2800	38.3200	50.2500	1.2452		
31/03/2017	95.2635	0.7543	0.2420	1.0474	2.9063	252.3977	9.3700	38.3100	50.2400	1.1461		

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Mínimo	94.8346	0.7525	0.2267	1.0355	2.5678	250.4873	9.1700	38.2400	50.1800	0.6865		
Promedio	95.4378	0.7905	0.2686	1.0780	2.8437	252.9291	15.3906	38.2948	50.2339	1.0641		
Máximo	95.7732	0.8647	0.3146	1.1300	2.9732	255.4095	18.3100	38.3200	50.2600	1.3353		
Desv. Est.	0.20864	0.02410	0.02012	0.02357	0.09683	0.98505	3.10389	0.01964	0.01874	0.15378		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE