


INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL (Valores promedio diarios)											
PERMISIONARIO:	TRACTEBEL GNP, S.A. de C.V.										 Energía de México
PUNTO DE MEDICIÓN:	Nuevo Madero										
ZONA DE MEDICIÓN:	RESTO DEL PAIS										

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.
01/01/2015	92.4421	1.2632	0.3818	1.6450	5.2123	258.9783	31.8500	39.1200	50.3900	1.2754	< 10.8	0.00
02/01/2015	92.6309	1.0781	0.3428	1.4209	5.3492	253.5233	24.1700	39.1700	50.5600	1.0802		
03/01/2015	92.4053	0.9878	0.3988	1.3864	5.4082	257.7296	28.2400	39.3300	50.6900	1.0091		
04/01/2015	92.7782	1.0449	0.3493	1.3942	5.3651	251.9653	24.4700	39.0700	50.5300	1.0196		
05/01/2015	92.8158	1.1522	0.3261	1.4783	5.3022	250.4699	21.8300	38.9900	50.4200	1.2349		
06/01/2015	92.9221	1.1234	0.2941	1.4176	5.3203	249.2679	20.8400	38.9700	50.4400	1.1830		
07/01/2015	93.3300	1.0777	0.2634	1.3410	4.9920	256.4028	20.8500	38.9100	50.4600	1.0078		
08/01/2015	93.2121	1.1082	0.2653	1.3736	5.0489	258.2095	20.9000	38.9200	50.4400	0.9366		
09/01/2015	93.2743	1.1173	0.2756	1.3931	4.9907	258.3877	19.4100	38.8900	50.4100	0.9336		
10/01/2015	93.4307	1.1954	0.2752	1.4703	4.7410	253.7387	20.8900	38.7900	50.3000	1.4124		
11/01/2015	93.1437	1.0723	0.2669	1.3393	5.0711	257.5633	20.9100	39.0000	50.5100	0.9089		
12/01/2015	92.7933	1.0990	0.2362	1.3351	5.3083	257.5593	19.7500	39.1400	50.5800	1.0326		
13/01/2015	92.8387	1.0736	0.2199	1.2934	5.2933	255.4485	18.9400	39.1600	50.6100	1.0806		
14/01/2015	92.8057	1.1589	0.2499	1.4087	5.1956	258.2204	19.8400	39.1100	50.5200	1.3436		
15/01/2015	92.9612	1.1420	0.2418	1.3839	5.0599	258.1615	20.4100	39.0700	50.5100	1.0189		
16/01/2015	92.9335	1.1492	0.2491	1.3985	5.0675	257.9802	21.2200	39.0800	50.5100	1.0408		
17/01/2015	92.8117	1.0585	0.2472	1.3058	5.2747	255.6133	13.3100	39.1700	50.6100	0.5141		
18/01/2015	92.8730	1.1557	0.2575	1.4133	5.1563	255.4370	20.6100	39.0700	50.4900	1.1635		
19/01/2015	92.7925	1.2233	0.2709	1.4941	5.1984	249.1408	18.9000	39.0100	50.4000	1.3794		
20/01/2015	92.7654	1.2118	0.2482	1.4601	5.1416	253.9809	22.5100	39.1000	50.4700	1.1343		
21/01/2015	92.7234	1.1666	0.2489	1.4156	5.1471	258.8887	27.9700	39.1900	50.5600	1.2052		
22/01/2015	92.4488	1.1639	0.2446	1.4084	5.4114	254.3095	28.7400	39.2500	50.6000	1.2761		
23/01/2015	92.7378	1.2475	0.2553	1.5027	5.1261	257.6492	22.6700	39.0800	50.4300	1.3053		
24/01/2015	92.9718	1.2241	0.2373	1.4611	4.8423	259.7673	22.1300	39.0700	50.4600	1.2873		
25/01/2015	92.8740	1.1378	0.2435	1.3815	5.0418	259.0001	22.2200	39.1600	50.5600	1.1486		
26/01/2015	92.7916	1.1694	0.2538	1.4234	5.0798	257.4853	21.9600	39.1300	50.5200	1.3040		
27/01/2015	92.7137	1.1438	0.2445	1.3882	5.1826	258.0434	23.1800	39.1900	50.5700	1.3069		
28/01/2015	92.7589	1.1582	0.2488	1.4068	5.1191	257.4061	24.0400	39.1800	50.5500	1.3180		
29/01/2015	92.7499	1.1914	0.2799	1.4712	5.0451	261.4164	22.6800	39.1500	50.5000	1.2783		
30/01/2015	92.4681	1.1237	0.2842	1.4081	5.3119	267.1799	25.2600	39.3200	50.6300	1.0377		
31/01/2015	92.4140	1.0934	0.2796	1.3730	5.3816	265.4977	24.4700	39.3500	50.6900	1.0476		

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

Mínimo	92.4053	0.9878	0.2199	1.2934	4.7410	249.1408	13.3100	38.7900	50.3000	0.5141		
Promedio	92.8262	1.1391	0.2736	1.4127	5.1673	256.9168	22.4248	39.1013	50.5135	1.1363		
Máximo	93.4307	1.2632	0.3988	1.6450	5.4114	267.1799	31.8500	39.3500	50.6900	1.4124		
Desv. Est.	0.25752	0.06229	0.04298	0.06682	0.16199	3.91698	3.50279	0.12800	0.08890	0.18440		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ DE ACUERDO AL LABORATORIO ACREDITADO QUE REALIZÓ LOS ANÁLISIS DEL GAS NATURAL, EL NIVEL DE OXÍGENO ES INFERIOR AL MÍNIMO DETECTABLE POR SUS EQUIPOS (0.01% MOL)

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.
01/01/2015	92.5355	1.3983	0.4039	1.7686	5.3140	261.3496	35.3000	39.2000	50.5400	1.4885		
02/01/2015	92.7585	1.4055	0.3748	1.7727	5.5312	256.9169	50.1700	39.3200	50.8100	1.4705		
03/01/2015	92.7234	1.1888	0.5941	1.5467	5.6374	267.2665	38.7100	39.9700	51.1200	1.2902		
04/01/2015	93.0088	1.1731	0.4152	1.5504	5.4449	257.4644	29.9700	39.2600	50.6200	1.2362		
05/01/2015	92.9290	1.2683	0.3386	1.5943	5.3798	252.5759	47.2500	39.0500	50.5300	1.4254		
06/01/2015	93.0169	1.2716	0.3230	1.5615	5.3891	253.1106	21.7300	39.0400	50.5000	1.3804		
07/01/2015	93.6277	1.2294	0.2868	1.4942	5.2823	258.8239	31.0700	38.9900	50.5400	1.2632		
08/01/2015	93.4316	1.2294	0.2743	1.4942	5.2298	260.0237	21.8300	38.9800	50.5300	1.0650		
09/01/2015	93.4366	1.2029	0.3206	1.4817	5.1981	260.7924	90.1700	38.9700	50.4800	1.1641		
10/01/2015	93.8063	1.4317	0.3224	1.6847	5.2554	256.4027	22.0300	39.0000	50.5100	2.1462		
11/01/2015	93.4903	1.1499	0.2917	1.4069	5.3554	259.2627	22.5300	39.1600	50.6500	1.3353		
12/01/2015	93.0756	1.2602	0.2565	1.4674	5.5868	260.4127	21.2300	39.2700	50.6900	1.3804		
13/01/2015	93.0115	1.2180	0.2472	1.4122	5.4586	259.5295	22.6300	39.3200	50.7500	1.3443		
14/01/2015	92.9490	1.2615	0.2689	1.5152	5.3102	260.9826	21.7300	39.3100	50.6700	1.5065		
15/01/2015	93.1802	1.2517	0.2546	1.5004	5.2484	260.4734	20.9200	39.1500	50.6200	1.4614		
16/01/2015	93.4690	1.3965	0.2605	1.6348	5.3338	260.2269	22.0300	39.1600	50.6100	1.9931		
17/01/2015	92.9495	1.1494	0.2527	1.3993	5.4343	258.2181	86.4500	39.2800	50.7600	1.1190		
18/01/2015	93.0674	1.2774	0.2794	1.5404	5.4556	257.9919	23.7400	39.2500	50.7000	1.5606		
19/01/2015	92.9862	1.3236	0.2906	1.5925	5.2801	254.2341	20.7200	39.0900	50.4900	1.6056		
20/01/2015	93.0466	1.3270	0.2607	1.5763	5.4044	261.2641	26.3500	39.2100	50.6100	1.4705		
21/01/2015	92.8488	1.2350	0.2532	1.4781	5.4993	264.2677	31.2800	39.3300	50.6700	2.5697		
22/01/2015	92.7775	1.2929	0.2526	1.5317	5.5898	260.0609	38.2100	39.3900	50.7100	1.4344		
23/01/2015	92.9977	1.3829	0.2799	1.6369	5.4099	262.3618	50.2700	39.2200	50.5700	1.4614		
24/01/2015	93.3688	1.4821	0.2513	1.7143	5.1800	262.6128	42.7300	39.2700	50.6600	2.1102		
25/01/2015	92.9928	1.2457	0.2571	1.4982	5.1767	260.9676	41.6300	39.2900	50.7300	1.3533		
26/01/2015	92.9545	1.2450	0.2709	1.4949	5.4590	258.8414	24.7400	39.2500	50.6000	1.4614		
27/01/2015	92.9562	1.2252	0.2857	1.4727	5.3547	259.8193	36.8000	39.3100	50.6400	1.5966		
28/01/2015	93.0865	1.2962	0.2637	1.5441	5.3592	260.3445	49.0600	39.3100	50.6900	1.7408		
29/01/2015	92.8872	1.4064	0.3250	1.6421	5.5201	265.9280	47.1500	39.3600	50.6600	1.4885		
30/01/2015	92.8239	1.2563	0.3206	1.5605	5.8632	270.1902	50.8700	39.5700	50.8000	1.5245		
31/01/2015	92.7518	1.2191	0.2896	1.4967	5.5854	270.9093	49.3700	39.4700	50.7700	1.2092		

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Mínimo	92.5355	1.1494	0.2472	1.3993	5.1767	252.5759	20.7200	38.9700	50.4800	1.0650		
Promedio	93.0628	1.2807	0.3021	1.5505	5.4041	260.4396	36.7313	39.2500	50.6526	1.5050		
Máximo	93.8063	1.4821	0.5941	1.7727	5.8632	270.9093	90.1700	39.9700	51.1200	2.5697		
Desv. Est.	0.28815	0.08570	0.06976	0.09560	0.15239	4.15281	17.57828	0.19610	0.12723	0.32034		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ**

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.
01/01/2015	92.2901	1.1180	0.3680	1.4898	5.1301	256.8024	27.0500	39.0300	50.2500	1.0289		
02/01/2015	92.3754	0.8473	0.3134	1.1743	5.1119	250.9042	21.3300	39.0300	50.2500	0.7947		
03/01/2015	91.3783	0.7381	0.3331	1.2249	5.2721	252.5339	21.6300	39.0900	50.4300	0.6775		
04/01/2015	92.4204	0.9606	0.3321	1.2937	5.2848	249.0781	21.0200	39.0100	50.4400	0.7586		
05/01/2015	92.7263	1.0308	0.3170	1.3656	5.2349	247.9373	19.6200	38.9200	50.3000	1.0019		
06/01/2015	92.8058	1.0681	0.2787	1.3470	5.2650	247.1549	18.9100	38.8900	50.3000	0.9208		
07/01/2015	92.9839	0.9893	0.2528	1.2554	4.7496	249.0493	19.8200	38.8500	50.3100	0.8307		
08/01/2015	92.9687	1.0211	0.2562	1.2883	4.8205	256.2732	19.2200	38.8400	50.3100	0.7496		
09/01/2015	93.0655	1.0560	0.2586	1.3266	4.8394	255.2106	19.3200	38.8400	50.3300	0.6505		
10/01/2015	93.0277	1.0416	0.2530	1.3183	4.2800	252.3446	19.4200	38.6000	50.0400	0.8217		
11/01/2015	92.7366	0.9650	0.2449	1.2438	4.8223	255.5452	19.3200	38.9100	50.4100	0.5604		
12/01/2015	92.4992	1.0137	0.1945	1.2585	5.1613	254.7192	9.6700	38.9700	50.3900	0.7136		
13/01/2015	92.5281	0.9723	0.1896	1.1708	5.1514	252.2767	15.2000	39.0100	50.4400	0.8307		
14/01/2015	92.4989	1.0709	0.2203	1.3020	5.1018	256.0194	18.4100	39.0100	50.3900	1.0380		
15/01/2015	92.7193	1.0442	0.2347	1.2829	4.7288	255.9716	19.2200	39.0100	50.4000	0.8127		
16/01/2015	92.7024	1.0477	0.2346	1.2921	4.2588	256.6826	11.9800	38.7800	50.1700	0.7857		
17/01/2015	92.6405	0.9560	0.2341	1.1901	5.1189	253.5572	14.7450	39.0800	50.5100	0.7902		
18/01/2015	92.6346	1.0099	0.2282	1.2482	4.9401	252.9261	17.5100	38.9700	50.3500	0.7947		
19/01/2015	92.6159	1.1479	0.2563	1.4144	5.0584	245.2101	17.1000	38.9400	50.3000	1.1190		
20/01/2015	92.5961	1.0971	0.2264	1.3458	4.8365	246.9898	19.5200	38.9600	50.3500	-----		
21/01/2015	92.3326	1.1121	0.2393	1.3625	5.0392	252.7453	24.4400	39.1000	50.4800	-----		
22/01/2015	92.2192	1.0881	0.2316	1.3297	4.9609	251.1439	17.5100	39.0900	50.4200	1.0289		
23/01/2015	92.4264	1.1536	0.2464	1.4004	4.8072	253.2205	12.5800	38.9400	50.2700	1.0199		
24/01/2015	92.6629	1.0810	0.2306	1.3181	4.3192	257.6794	20.2200	38.8400	50.1700	0.8758		
25/01/2015	92.6413	1.0096	0.2294	1.2390	4.9296	257.9199	15.2000	39.0500	50.4200	0.8758		
26/01/2015	92.4431	1.0976	0.2443	1.3662	4.9600	255.9393	13.7900	39.0600	50.4400	1.0560		
27/01/2015	92.3736	1.0510	0.2385	1.2921	4.9919	257.0506	20.0200	39.1100	50.4900	1.0470		
28/01/2015	92.5329	1.0177	0.2395	1.2694	4.8146	255.1683	15.5000	39.0200	50.3700	1.0199		
29/01/2015	92.2547	1.0856	0.2286	1.3778	4.9096	259.2115	19.0100	39.0300	50.3100	0.9929		
30/01/2015	91.6685	0.9816	0.2651	1.2549	4.8803	264.3088	17.0000	39.1000	50.4400	0.8307		
31/01/2015	92.1426	1.0072	0.2667	1.2874	5.2249	259.5818	15.2000	39.2400	50.5500	0.8217		

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Mínimo	91.3783	0.7381	0.1896	1.1708	4.2588	245.2101	9.6700	38.6000	50.0400	0.5604		
Promedio	92.5133	1.0284	0.2544	1.3010	4.9356	253.9082	18.0802	38.9781	50.3558	0.8706		
Máximo	93.0655	1.1536	0.3680	1.4898	5.2848	264.3088	27.0500	39.2400	50.5500	1.1190		
Desv. Est.	0.35498	0.08344	0.04015	0.07108	0.27081	4.19563	3.55761	0.12273	0.10945	0.14099		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ**