


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.
01/01/2020	93.5993	0.9376	0.6356	1.5731	4.5874	245.4854	13.3200	38.6500	50.2300	1.2582	<10.8	0.00
02/01/2020	93.8431	1.0238	0.5786	1.6023	4.3149	246.0268	16.2300	38.5700	50.1500	1.5315		
03/01/2020	94.2377	0.8929	0.6502	1.5432	3.9782	244.3030	17.1000	38.4900	50.1700	1.3595		
04/01/2020	93.9524	0.8364	0.6728	1.5093	4.2953	243.3346	17.4300	38.5900	50.2500	1.3456		
05/01/2020	94.0637	0.8647	0.6250	1.4897	4.2391	242.3914	16.6300	38.5500	50.2300	1.2496		
06/01/2020	94.2699	0.8738	0.6121	1.4859	4.0379	241.9629	17.0100	38.5000	50.2000	1.1822		
07/01/2020	94.2100	0.8996	0.6131	1.5128	4.0671	241.7556	17.2300	38.5100	50.1800	1.2451		
08/01/2020	93.5293	0.8343	0.7085	1.5428	4.4828	243.8593	17.5500	38.7700	50.3400	1.3636		
09/01/2020	94.2564	0.8550	0.7171	1.5720	3.9458	242.0026	17.8900	38.4400	50.1300	1.1506		
10/01/2020	94.6008	0.8610	0.7041	1.5652	3.5995	241.3242	17.2900	38.3500	50.0900	1.1674		
11/01/2020	94.4278	0.8713	0.7239	1.5954	3.7451	240.8003	15.4000	38.3800	50.0800	1.0052		
12/01/2020	94.5489	0.8754	0.6550	1.5305	3.7085	241.5574	16.2500	38.3800	50.1000	1.2117		
13/01/2020	94.5597	0.9151	0.6395	1.5546	3.6732	241.4166	17.2200	38.3500	50.0800	1.3282		
14/01/2020	94.4212	0.9016	0.6961	1.5977	3.7932	239.8370	17.0600	38.3600	50.0600	1.3429		
15/01/2020	94.4583	0.9207	0.6631	1.5837	3.7650	239.5858	17.1500	38.3600	50.0700	1.1759		
16/01/2020	94.3478	0.9182	0.6460	1.5642	3.8750	240.0275	17.7500	38.4100	50.1100	1.1476		
17/01/2020	94.5127	0.8555	0.6665	1.5220	3.7565	240.4269	18.1700	38.4000	50.1300	1.1354		
18/01/2020	94.6304	0.8587	0.6749	1.5336	3.6209	239.7155	18.2300	38.3400	50.0900	1.0476		
19/01/2020	94.7098	0.8504	0.6409	1.4913	3.5664	240.8745	18.1600	38.3600	50.1200	1.0106		
20/01/2020	94.6585	0.7999	0.6488	1.4487	3.6539	241.2449	17.5100	38.4100	50.1800	0.9751		
21/01/2020	94.4956	0.7990	0.7092	1.5081	3.7659	241.4938	17.6800	38.4100	50.1500	0.9732		
22/01/2020	94.5604	0.7901	0.7115	1.5016	3.7087	240.3970	17.0100	38.3900	50.1500	0.9996		
23/01/2020	94.6242	0.8430	0.6745	1.5175	3.6697	239.5127	17.2100	38.3600	50.1100	1.0441		
24/01/2020	94.5696	0.9125	0.6502	1.5627	3.6786	239.0098	14.5200	38.3400	50.0600	0.8077		
25/01/2020	94.5165	0.9049	0.6479	1.5528	3.7555	238.8736	17.4600	38.3600	50.0800	1.0808		
26/01/2020	94.4959	0.9261	0.6189	1.5450	3.7691	239.2355	17.5500	38.3700	50.0900	1.1168		
27/01/2020	94.4246	0.9520	0.5797	1.5317	3.8617	239.2534	17.3300	38.4000	50.1000	1.1653		
28/01/2020	94.3756	0.9191	0.6301	1.5493	3.8437	238.9495	17.5000	38.4200	50.1100	1.1720		
29/01/2020	94.4194	0.8985	0.6535	1.5519	3.7290	239.7179	17.8300	38.4400	50.1300	1.0611		
30/01/2020	94.5296	0.8561	0.6730	1.5292	3.6728	239.4110	17.2700	38.4000	50.1300	1.0751		
31/01/2020	94.4896	0.8665	0.6771	1.5436	3.7517	239.4185	16.6000	38.3900	50.1100	1.1090		

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

Mínimo	93.5293	0.7901	0.5786	1.4487	3.5664	238.8736	13.3200	38.3400	50.0600	0.8077		
Promedio	94.3658	0.8811	0.6580	1.5391	3.8681	241.0711	17.0497	38.4339	50.1358	1.1561		
Máximo	94.7098	1.0238	0.7239	1.6023	4.5874	246.0268	18.2300	38.7700	50.3400	1.5315		
Desv. Est.	0.29289	0.04852	0.03763	0.03567	0.26359	1.91074	1.03796	0.10125	0.06308	0.14870		

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.
01/01/2020	94.1561	1.1296	0.7702	1.6975	4.9728	247.9138	327.5500	38.7800	50.3400	1.9120		
02/01/2020	94.2177	1.1309	0.6454	1.7200	5.0200	248.1121	43.0300	38.8000	50.3200	1.7948		
03/01/2020	94.7425	1.0207	0.7947	1.6256	4.2042	247.1736	43.5400	38.5600	50.2500	1.8399		
04/01/2020	94.3671	1.0085	0.7583	1.5910	4.6296	244.9669	43.9400	38.6700	50.3100	1.5606		
05/01/2020	94.3533	0.9634	0.6636	1.5789	4.7002	244.0164	43.5400	38.6800	50.3100	1.4434		
06/01/2020	94.4398	0.9677	0.6434	1.5699	4.1822	243.0319	43.4400	38.7000	50.3100	1.3533		
07/01/2020	94.3546	1.0355	0.6745	1.5907	4.1669	243.4251	42.0300	38.6800	50.3100	1.3984		
08/01/2020	94.1634	0.9312	0.7523	1.6028	4.9589	249.4853	21.5300	39.0400	50.5100	1.6236		
09/01/2020	94.7068	0.9283	0.7608	1.6240	4.7350	248.5480	331.1700	38.7600	50.3300	1.3713		
10/01/2020	94.7822	0.9621	0.7484	1.6434	3.7628	242.9026	18.5100	38.4500	50.1400	1.4885		
11/01/2020	94.6807	0.9627	0.7847	1.6482	4.4172	242.1049	331.1700	38.5700	50.2100	1.3173		
12/01/2020	94.7164	0.9307	0.7232	1.5821	4.4673	242.5380	43.6400	38.5800	50.2100	1.4254		
13/01/2020	94.6801	1.0051	0.7325	1.6339	3.9112	242.8776	43.7400	38.4200	50.1300	1.6326		
14/01/2020	94.5172	0.9627	0.7585	1.6642	3.8626	242.3721	43.1300	38.3900	50.1000	1.5696		
15/01/2020	94.5821	1.0200	0.7571	1.6616	4.0098	241.1075	20.0200	38.4300	50.1200	1.4524		
16/01/2020	94.7158	1.0198	0.7025	1.6567	4.3933	240.6876	42.2300	38.5600	50.2000	1.5245		
17/01/2020	94.6551	0.9261	0.7192	1.5855	3.9666	241.4186	38.8100	38.4500	50.1700	1.3263		
18/01/2020	94.8243	0.9418	0.7160	1.5863	3.7673	241.2069	41.4300	38.3900	50.1300	1.2362		
19/01/2020	94.8606	0.9396	0.6965	1.5405	3.8234	242.3857	41.6300	38.4600	50.2200	1.1911		
20/01/2020	94.9144	0.9331	0.7768	1.5407	4.2857	242.8192	41.4300	38.5800	50.2700	1.2542		
21/01/2020	94.7149	0.9066	0.7803	1.6049	4.0502	243.1417	40.3200	38.4800	50.2100	1.2001		
22/01/2020	94.6566	0.8456	0.7692	1.5312	3.8254	242.7363	21.8300	38.4600	50.1900	1.1461		
23/01/2020	94.7822	0.8918	0.7090	1.5728	3.8101	240.6371	33.9900	38.4000	50.1600	1.1911		
24/01/2020	94.7884	1.0890	0.7077	1.6791	4.0271	241.0852	331.1700	38.4500	50.1500	29.6912		
25/01/2020	94.7558	0.9720	0.7390	1.6102	3.9138	240.1211	18.8100	38.4000	50.1300	1.2001		
26/01/2020	94.5886	0.9717	0.6767	1.6029	3.8788	239.9239	18.4100	38.4000	50.1300	1.2452		
27/01/2020	94.5759	1.0623	0.6298	1.6160	3.9832	241.2516	18.1100	38.4400	50.1500	1.3083		
28/01/2020	94.5657	1.0062	0.6883	1.6079	3.9828	241.1382	18.6100	38.5000	50.1700	1.3713		
29/01/2020	94.6566	1.0147	0.7437	1.6285	3.9963	241.1648	18.9100	38.5100	50.1800	1.3984		
30/01/2020	94.7157	0.9360	0.7567	1.5709	3.8422	240.4863	18.3100	38.4800	50.1800	1.2182		
31/01/2020	94.5774	0.9161	0.7010	1.6006	3.8696	241.1631	43.0300	38.4400	50.1500	1.2722		

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Mínimo	94.1561	0.8456	0.6298	1.5312	3.7628	239.9239	18.1100	38.3900	50.1000	1.1461		
Promedio	94.6067	0.9784	0.7252	1.6119	4.1747	242.9659	71.8390	38.5455	50.2158	2.3212		
Máximo	94.9144	1.1309	0.7947	1.7200	5.0200	249.4853	331.1700	39.0400	50.5100	29.6912		
Desv. Est.	0.19949	0.06567	0.04481	0.04487	0.38394	2.63785	101.66287	0.15345	0.09077	5.08351		

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.
01/01/2020	93.2380	0.8793	0.5476	1.4793	4.0315	243.2880	7.9600	38.5000	50.0900	1.3263		
02/01/2020	93.1803	0.9599	0.5162	1.5477	3.9155	242.4032	7.9600	38.4000	49.9900	1.3263		
03/01/2020	93.9828	0.7642	0.5495	1.4804	3.4649	242.0273	6.4500	38.3100	50.0100	1.1281		
04/01/2020	93.6395	0.7287	0.5825	1.4581	3.9352	239.6067	6.8500	38.5000	50.1600	1.1641		
05/01/2020	93.5769	0.7980	0.5589	1.4392	4.0047	241.2490	4.8400	38.4900	50.1400	1.0199		
06/01/2020	93.9298	0.8086	0.5727	1.4297	3.8768	241.1287	6.0500	38.4400	50.1200	1.0199		
07/01/2020	93.9603	0.8350	0.5409	1.4528	3.8917	240.3756	5.1500	38.4000	50.0600	1.0380		
08/01/2020	92.9753	0.7632	0.6522	1.4933	4.0850	239.5834	7.3600	38.4700	50.1400	1.1190		
09/01/2020	93.4463	0.8000	0.6500	1.5170	3.4912	240.3850	7.3600	38.3100	50.0300	1.1190		
10/01/2020	94.3239	0.8091	0.6509	1.4980	3.4476	239.9817	14.9900	38.2900	50.0200	0.9478		
11/01/2020	93.7579	0.8202	0.6807	1.5424	3.4965	239.4694	14.9900	38.3000	50.0000	0.9478		
12/01/2020	93.7421	0.8226	0.6210	1.4938	3.5302	240.6314	4.7400	38.3100	50.0500	0.9478		
13/01/2020	94.3256	0.8547	0.5334	1.4740	3.5356	239.8346	10.9700	38.3300	50.0200	1.0199		
14/01/2020	94.3039	0.8257	0.6425	1.5663	3.6880	238.5537	9.4700	38.3100	50.0000	1.1641		
15/01/2020	94.1942	0.8405	0.5968	1.5228	3.6528	238.4450	5.4500	38.3200	50.0000	0.9208		
16/01/2020	93.8193	0.8685	0.5863	1.5085	3.5349	238.9134	5.7500	38.3100	49.9800	0.9839		
17/01/2020	94.3257	0.8004	0.5627	1.4799	3.6093	239.4977	17.0000	38.3400	50.0600	0.9478		
18/01/2020	94.4448	0.7986	0.6222	1.4908	3.4690	239.0393	7.1600	38.2900	50.0500	0.8758		
19/01/2020	94.5118	0.7854	0.5623	1.4291	3.3931	239.7900	6.7500	38.3200	50.0700	0.8668		
20/01/2020	94.1317	0.7100	0.4588	1.3695	3.3897	239.8209	5.6500	38.3100	50.1000	0.7676		
21/01/2020	94.2123	0.7519	0.6504	1.4718	3.4727	240.0842	6.6500	38.3400	50.0600	0.8668		
22/01/2020	94.3569	0.7424	0.6829	1.4735	3.6192	239.5641	16.1000	38.3600	50.1100	0.8397		
23/01/2020	94.4613	0.7981	0.6458	1.4797	3.4586	238.6085	11.7800	38.2800	50.0400	0.8938		
24/01/2020	94.1967	0.8479	0.4780	1.4699	3.4425	237.6109	11.7800	38.2700	49.9900	0.8938		
25/01/2020	94.3391	0.8231	0.5151	1.4648	3.5408	237.7642	16.1000	38.3100	50.0300	0.9028		
26/01/2020	94.3342	0.8835	0.5885	1.4969	3.6995	238.4788	16.2000	38.3300	50.0400	0.9659		
27/01/2020	94.2523	0.8875	0.5310	1.4875	3.6601	238.1075	16.1000	38.3200	50.0000	0.9839		
28/01/2020	94.2100	0.8527	0.5603	1.5174	3.6857	236.3992	15.9000	38.3500	50.0500	1.0380		
29/01/2020	94.1590	0.8234	0.5147	1.4900	3.5229	238.5772	16.5000	38.3500	50.0400	0.8577		
30/01/2020	94.3304	0.7903	0.6257	1.4903	3.4794	238.8071	15.5000	38.3400	50.0800	0.8758		
31/01/2020	94.3602	0.8257	0.6337	1.5093	3.6823	238.3369	15.0900	38.3500	50.0600	0.9478		

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Mínimo	92.9753	0.7100	0.4588	1.3695	3.3897	236.3992	4.7400	38.2700	49.9800	0.7676		
Promedio	94.0330	0.8161	0.5843	1.4846	3.6357	239.5601	10.3419	38.3500	50.0513	0.9909		
Máximo	94.5118	0.9599	0.6829	1.5663	4.0850	243.2880	17.0000	38.5000	50.1600	1.3263		
Desv. Est.	0.40807	0.05142	0.05903	0.03811	0.20202	1.45731	4.51577	0.06537	0.04801	0.13328		

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