

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



PERMISIONARIO:	Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	Estación Naranjos - RMS
ZONA DE MEDICIÓN:	<u>RESTO DEL PAÍS</u>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (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)
01/11/2019				0.0000								
02/11/2019				0.0000								
03/11/2019				0.0000								
04/11/2019				0.0000								
05/11/2019				0.0000								
06/11/2019				0.0000								
07/11/2019				0.0000								
08/11/2019				0.0000								
09/11/2019				0.0000								
10/11/2019				0.0000								
11/11/2019				0.0000								
12/11/2019				0.0000								
13/11/2019				0.0000								
14/11/2019				0.0000								
15/11/2019				0.0000								
16/11/2019				0.0000								
17/11/2019				0.0000								
18/11/2019				0.0000								
19/11/2019				0.0000								
20/11/2019				0.0000								
21/11/2019				0.0000								
22/11/2019				0.0000								
23/11/2019				0.0000								
24/11/2019				0.0000								
25/11/2019				0.0000								
26/11/2019				0.0000								
27/11/2019				0.0000								
28/11/2019				0.0000								
29/11/2019				0.0000								
30/11/2019				0.0000								

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

Mínimo	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Promedio	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	0.0000	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!
Máximo	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Desv. Est.	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	0	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!	#¡DIV/0!

Observaciones: No se Fluye Gas en el punto de interconexión de Naranjo - RMS en todo el mes de Noviembre del 2019.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



PERMISIONARIO:	Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	Estación Naranjos - RMS
ZONA DE MEDICIÓN:	<u>RESTO DEL PAÍS</u>

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)
01/11/2019				0.0000						
02/11/2019				0.0000						
03/11/2019				0.0000						
04/11/2019				0.0000						
05/11/2019				0.0000						
06/11/2019				0.0000						
07/11/2019				0.0000						
08/11/2019				0.0000						
09/11/2019				0.0000						
10/11/2019				0.0000						
11/11/2019				0.0000						
12/11/2019				0.0000						
13/11/2019				0.0000						
14/11/2019				0.0000						
15/11/2019				0.0000						
16/11/2019				0.0000						
17/11/2019				0.0000						
18/11/2019				0.0000						
19/11/2019				0.0000						
20/11/2019				0.0000						
21/11/2019				0.0000						
22/11/2019				0.0000						
23/11/2019				0.0000						
24/11/2019				0.0000						
25/11/2019				0.0000						
26/11/2019				0.0000						
27/11/2019				0.0000						
28/11/2019				0.0000						
29/11/2019				0.0000						
30/11/2019				0.0000						
Máximo	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Observaciones: No se Fluye Gas en el punto de interconexión de Naranjo - RMS en todo el mes de Noviembre del 2019.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



PERMISIONARIO:	Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	Estación Naranjos - RMS
ZONA DE MEDICIÓN:	<u>RESTO DEL PAÍS</u>

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)
01/11/2019				0.0000						
02/11/2019				0.0000						
03/11/2019				0.0000						
04/11/2019				0.0000						
05/11/2019				0.0000						
06/11/2019				0.0000						
07/11/2019				0.0000						
08/11/2019				0.0000						
09/11/2019				0.0000						
10/11/2019				0.0000						
11/11/2019				0.0000						
12/11/2019				0.0000						
13/11/2019				0.0000						
14/11/2019				0.0000						
15/11/2019				0.0000						
16/11/2019				0.0000						
17/11/2019				0.0000						
18/11/2019				0.0000						
19/11/2019				0.0000						
20/11/2019				0.0000						
21/11/2019				0.0000						
22/11/2019				0.0000						
23/11/2019				0.0000						
24/11/2019				0.0000						
25/11/2019				0.0000						
26/11/2019				0.0000						
27/11/2019				0.0000						
28/11/2019				0.0000						
29/11/2019				0.0000						
30/11/2019				0.0000						
Mínimo	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Observaciones: No se Fluye Gas en el punto de interconexión de Naranjo - RMS en todo el mes de Noviembre del 2019.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



PERMISIONARIO:	Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	Estación Tamazunchale - DMS
ZONA DE MEDICIÓN:	<u>RESTO DEL PAÍS</u>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (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)
01/11/2019	94.1459	0.4116	0.8218	1.2335	4.3885	215.4029	26.4549	38.7313	50.5905	0.1966		
02/11/2019	94.2490	0.4554	0.7739	1.2294	4.3086	224.3975	27.0496	38.6969	50.5623	0.2019		
03/11/2019	94.2561	0.4232	0.7752	1.1984	4.3369	222.0700	27.5059	38.7143	50.5944	0.1818		
04/11/2019	94.4664	0.4193	0.7686	1.1879	4.1476	224.0358	26.4494	38.6580	50.5677	0.2398		
05/11/2019	94.2765	0.4550	0.7373	1.1923	4.3122	225.8803	26.4695	38.7162	50.5904	0.0911		
06/11/2019	93.8810	0.4761	0.5165	0.9925	4.9013	214.4227	26.1605	38.9650	50.8180	0.0549		
07/11/2019	94.2627	0.4250	0.7949	1.2198	4.2914	213.2515	25.0963	38.7039	50.5779	0.0613		
08/11/2019	93.9520	0.3923	0.9645	1.3568	4.4665	210.9441	24.6559	38.7015	50.5218	0.0307		
09/11/2019	94.1923	0.3880	0.9661	1.3540	4.2514	208.8441	23.6302	38.6256	50.4809	0.0161		
10/11/2019	94.0314	0.3933	0.9115	1.3049	4.4603	209.6548	23.4110	38.7049	50.5472	0.0297		
11/11/2019	94.1085	0.3693	0.9978	1.3670	4.3029	217.9558	23.7098	38.6483	50.4922	0.0516		
12/11/2019	93.9323	0.4298	0.9692	1.3990	4.4489	205.0250	23.8465	38.6753	50.4786	0.0350		
13/11/2019	93.9681	0.4549	0.8698	1.3247	4.4761	214.8823	24.0100	38.7194	50.5317	0.0482		
14/11/2019	93.9460	0.4664	0.8936	1.3600	4.4816	221.9828	25.2851	38.6963	50.4998	0.0314		
15/11/2019	93.9526	0.4328	0.8717	1.3045	4.5273	219.1859	26.4152	38.7320	50.5534	0.0320		
16/11/2019	94.1996	0.3831	0.9228	1.3058	4.2692	211.7287	25.9170	38.6644	50.5260	0.0175		
17/11/2019	94.3592	0.4011	1.0074	1.4085	4.0125	213.0832	25.4769	38.5506	50.4098	0.0149		
18/11/2019	94.3784	0.3558	1.1726	1.5283	3.9133	210.0496	24.3701	38.4496	50.3083	0.0151		
19/11/2019	94.1926	0.3515	1.1083	1.4599	4.1629	208.4118	23.0752	38.5487	50.3973	0.0162		
20/11/2019	94.1676	0.3593	1.1388	1.4981	4.1526	206.8385	21.9466	38.5284	50.3663	0.0185		
21/11/2019	94.0483	0.3908	1.0582	1.4490	4.3102	207.1103	21.5468	38.5987	50.4215	0.0346		
22/11/2019	94.0828	0.3923	1.0411	1.4334	4.2890	203.7987	20.9566	38.6000	50.4289	0.0373		
23/11/2019	93.8883	0.4834	0.9735	1.4570	4.4589	206.9448	20.2700	38.6397	50.4193	0.0235		
24/11/2019	94.0188	0.4310	0.9996	1.4306	4.3581	210.0781	19.8857	38.6199	50.4323	0.0218		
25/11/2019	94.1700	0.3956	1.0261	1.4217	4.2209	209.3476	20.1606	38.5818	50.4231	0.0714		
26/11/2019	94.0760	0.3776	0.9747	1.3522	4.3587	219.1046	20.8106	38.6635	50.5057	0.0223		
27/11/2019	94.0526	0.4449	0.8385	1.2834	4.4415	213.7198	22.1098	38.7222	50.5551	1.0598		
28/11/2019	94.0993	0.4686	0.8300	1.2986	4.3881	211.0371	22.5652	38.6931	50.5254	0.6629		
29/11/2019	94.0949	0.4579	0.8840	1.3419	4.3664	215.4029	23.1526	38.6600	50.4893	0.6815		
30/11/2019	94.1321	0.4416	0.8542	1.2958	4.3755	215.4029	23.8663	38.6804	50.5259	0.9791		

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

Mínimo	93.8810	0.3515	0.5165	0.9925	3.9133	203.7987	19.8857	38.4496	50.3083	0.0149		
Promedio	94.1194	0.4176	0.9154	1.3330	4.3393	213.6665	23.8753	38.6630	50.5047	0.1660		
Máximo	94.4664	0.4834	1.1726	1.5283	4.9013	225.8803	27.5059	38.9650	50.8180	1.0598		
Dev. Est.	0.147905713	0.037841651	0.136032133	0.112490433	0.175341573	5.983223714	2.213521557	0.088949715	0.093661075	0.285589547		

Observaciones:

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(Registros máximos diarios)



PERMISIONARIO:	Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	Estación Tamazunchale - DMS
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 Sulhídrico (mg/m ³)
01/11/2019	94.4622	0.4488	0.9049	1.3537	4.6337	215.4029	27.5745	38.8159	50.6554	0.3828
02/11/2019	94.3602	0.5178	0.8192	1.3370	4.5190	235.0450	27.8764	38.7802	50.6587	0.3892
03/11/2019	94.5140	0.4489	0.8410	1.2900	4.5669	227.8471	28.1206	38.7918	50.6643	0.3734
04/11/2019	95.0276	0.4488	0.9451	1.3939	4.3909	231.1896	27.4817	38.7505	50.6323	0.4201
05/11/2019	95.1018	0.5315	0.9765	1.5081	4.9892	229.4930	26.8631	38.9407	50.7708	0.2858
06/11/2019	94.2736	0.5761	0.7252	1.3012	5.4910	221.0921	26.6676	39.1872	50.9816	0.1506
07/11/2019	94.8562	0.4855	0.9884	1.4738	4.5462	226.3542	26.5586	38.7757	50.6611	0.1929
08/11/2019	94.1935	0.4525	1.0356	1.4881	4.7704	213.4184	25.3218	38.7845	50.5572	0.1049
09/11/2019	94.3510	0.4128	1.0341	1.4469	4.5046	210.6359	24.4835	38.7142	50.5537	0.0430
10/11/2019	94.4665	0.4864	0.9875	1.4739	5.1666	212.6846	23.9891	38.9379	50.7431	0.1398
11/11/2019	94.2921	0.4348	1.0451	1.4799	4.6646	222.2568	24.0642	38.7516	50.5566	0.3158
12/11/2019	94.3147	0.5467	1.1482	1.6949	5.0256	212.8874	24.0817	38.8517	50.6450	0.1121
13/11/2019	94.3408	0.4956	0.9780	1.4737	5.0494	216.2543	25.0543	38.8971	50.6732	0.1678
14/11/2019	94.2358	0.5061	0.9950	1.5011	4.8431	224.2560	26.2757	38.8250	50.6201	0.1944
15/11/2019	94.1939	0.4561	0.9221	1.3781	4.9670	222.9689	26.7719	38.8755	50.6603	0.1335
16/11/2019	94.3113	0.3984	0.9825	1.3809	4.4807	214.5284	26.9890	38.7289	50.5621	0.0387
17/11/2019	94.5377	0.4669	1.1265	1.5934	4.3030	216.9278	26.2820	38.7190	50.5574	0.0488
18/11/2019	94.7423	0.3778	1.2085	1.5863	4.1483	211.8438	25.7365	38.5418	50.3893	0.0539
19/11/2019	94.3849	0.3697	1.1735	1.5432	4.4220	209.5009	24.5418	38.6370	50.4638	0.0557
20/11/2019	94.3231	0.3739	1.1949	1.5687	4.3719	210.3612	22.8667	38.6414	50.4766	0.0516
21/11/2019	94.2326	0.4202	1.1649	1.5851	4.5056	212.6264	22.1702	38.6717	50.4703	0.2221
22/11/2019	94.3782	0.4244	1.1228	1.5472	4.8485	210.8602	21.7903	38.7633	50.5637	0.1660
23/11/2019	94.1899	0.5553	1.1630	1.7184	5.0096	211.0604	21.1063	38.8457	50.5979	0.0821
24/11/2019	94.3464	0.4663	1.1182	1.5846	4.8287	212.0319	20.1779	38.7839	50.5659	0.0434
25/11/2019	94.3334	0.4338	1.0685	1.5023	4.3751	210.1252	20.9289	38.6279	50.4506	0.2813
26/11/2019	94.2522	0.4386	1.0690	1.5075	4.5729	222.9689	22.2560	38.7714	50.6044	0.0660
27/11/2019	94.3384	0.4830	0.8980	1.3810	4.5969	215.9156	22.4415	38.7732	50.6047	3.8761
28/11/2019	94.2799	0.5082	0.9060	1.4142	4.6467	211.6429	22.9199	38.8160	50.6262	2.2079
29/11/2019	94.2701	0.4862	0.9536	1.4398	4.5352	215.4029	24.2147	38.7279	50.5426	2.4881
30/11/2019	94.4136	0.4842	0.9177	1.4019	4.6917	215.4029	24.5591	38.8019	50.6380	3.6908
Máximo	95.1018	0.5761	1.2085	1.7184	5.4910	235.0450	28.1206	39.1872	50.9816	3.8761

Observaciones:

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(Registros mínimos diarios)



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PUNTO DE MEDICIÓN:	Estación Tamazunchale - DMS
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 Sulhídrico (mg/m ³)
01/11/2019	93.8526	0.3436	0.7744	1.1180	4.0219	215.4029	25.8608	38.5838	50.4743	0.0538
02/11/2019	94.0828	0.4037	0.7287	1.1324	4.1373	213.8029	26.2285	38.6177	50.4756	0.0680
03/11/2019	94.0160	0.3864	0.6921	1.0784	4.0343	219.3032	27.1490	38.6138	50.5149	0.0756
04/11/2019	94.2327	0.3759	0.7046	1.0806	3.4054	219.3032	25.9653	38.3976	50.3385	0.1237
05/11/2019	93.7597	0.3951	0.5294	0.9245	3.3151	222.6290	25.8617	38.3563	50.3129	0.0202
06/11/2019	93.4048	0.4124	0.3174	0.7298	4.3621	211.1180	25.7502	38.7370	50.6217	0.0131
07/11/2019	93.8640	0.3724	0.6741	1.0465	3.7930	207.1383	24.5754	38.5858	50.5259	0.0127
08/11/2019	93.5983	0.3712	0.8981	1.2693	4.2396	207.8821	24.2232	38.6371	50.4796	0.0114
09/11/2019	94.0044	0.3665	0.8829	1.2494	4.0992	206.3601	23.3517	38.5613	50.4217	0.0114
10/11/2019	93.3514	0.2921	0.8200	1.1120	4.0417	204.7014	22.7252	38.5766	50.4501	0.0123
11/11/2019	93.7333	0.3066	0.9337	1.2404	4.1660	216.2543	23.1124	38.5753	50.4014	0.0123
12/11/2019	93.3339	0.2637	0.8050	1.0687	4.1812	185.5616	23.5724	38.5509	50.3303	0.0059
13/11/2019	93.4685	0.3918	0.8233	1.2151	4.0673	210.4757	23.6261	38.5610	50.4096	0.0076
14/11/2019	93.6539	0.3912	0.7837	1.1749	4.1272	216.2543	24.3108	38.5648	50.3851	0.0093
15/11/2019	93.5868	0.3973	0.7853	1.1826	4.2800	215.4029	26.1051	38.6636	50.5069	0.0096
16/11/2019	93.9883	0.3521	0.8848	1.2369	4.1215	208.7987	25.5733	38.6265	50.4895	0.0112
17/11/2019	94.0637	0.3489	0.9334	1.2823	3.8261	208.1849	25.0282	38.4669	50.3181	0.0114
18/11/2019	94.2031	0.3403	1.0978	1.4381	3.5469	207.8994	23.7868	38.3286	50.2294	0.0116
19/11/2019	93.9473	0.3264	1.0322	1.3586	3.9942	205.7280	22.3935	38.4984	50.3702	0.0120
20/11/2019	93.9931	0.3385	1.0206	1.3591	3.9797	184.2604	21.7449	38.4553	50.3005	0.0120
21/11/2019	93.8527	0.3603	1.0132	1.3735	4.1388	186.9873	21.1755	38.5184	50.3425	0.0123
22/11/2019	93.4910	0.3621	0.9746	1.3368	3.9351	180.3433	20.6182	38.4718	50.3308	0.0128
23/11/2019	93.4433	0.3909	0.8898	1.2807	4.0629	181.9636	19.7559	38.4836	50.2638	0.0121
24/11/2019	93.6501	0.3985	0.8828	1.2813	3.9934	195.9267	19.5983	38.4882	50.3245	0.0120
25/11/2019	94.0373	0.3491	0.9782	1.3273	4.0663	208.7279	19.4611	38.5344	50.3965	0.0124
26/11/2019	93.9347	0.3319	0.8165	1.1484	4.1269	213.0998	19.1290	38.5563	50.4097	0.0124
27/11/2019	93.8883	0.4061	0.7515	1.1576	4.1754	212.5867	21.5513	38.6421	50.4935	0.0118
28/11/2019	93.9049	0.4356	0.7023	1.1379	4.1913	210.3035	22.3656	38.6030	50.4586	0.2019
29/11/2019	93.9261	0.4360	0.8187	1.2547	4.1966	215.4029	22.3755	38.5865	50.4317	0.1345
30/11/2019	93.7932	0.4193	0.7215	1.1408	4.1147	215.4029	23.2303	38.5815	50.4577	0.2056

Mínimo	93.3339	0.2637	0.3174	0.7298	3.3151	180.3433	19.1290	38.3286	50.2294	0.0059
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Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



PERMISIONARIO:	Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	Estación El Sauz - DMS
ZONA DE MEDICIÓN:	<u>RESTO DEL PAÍS</u>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (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)
01/11/2019	94.2177	0.4148	0.8212	1.2361	4.3363	235.2877	31.3713	38.7045	50.5733	0.3966		
02/11/2019	94.1353	0.4354	0.8101	1.2455	4.3903	235.1341	29.5678	38.7265	50.5763	0.2602		
03/11/2019	94.1958	0.4370	0.8126	1.2496	4.3478	233.3010	30.6287	38.6976	50.5579	0.2672		
04/11/2019	94.2741	0.4209	0.7863	1.2072	4.3186	232.7954	30.6164	38.7018	50.5835	0.2335		
05/11/2019	94.4950	0.4238	0.8291	1.2529	4.0373	233.4732	29.6022	38.6140	50.5114	0.1911		
06/11/2019	93.9835	0.5069	0.6057	1.1127	4.6931	233.2642	29.7500	38.8520	50.6916	0.1697		
07/11/2019	93.9315	0.4595	0.5782	1.0377	4.8072	234.7807	29.2923	38.9221	50.7770	0.1517		
08/11/2019	94.0678	0.4149	0.8765	1.2915	4.4133	233.6267	29.1516	38.7135	50.5530	0.0977		
09/11/2019	94.0391	0.3917	0.9872	1.3788	4.3686	231.4148	27.8976	38.6594	50.4878	0.0878		
10/11/2019	93.9960	0.3791	0.9749	1.3540	4.4470	229.7878	25.8091	38.6826	50.5155	0.1348		
11/11/2019	93.9560	0.4070	0.9338	1.3408	4.4992	229.5455	25.7215	38.7036	50.5270	0.1620		
12/11/2019	93.9752	0.3738	1.0119	1.3857	4.4165	229.1520	26.5195	38.6754	50.4981	0.1086		
13/11/2019	93.8535	0.4593	1.0051	1.4644	4.4635	229.6600	26.4086	38.6545	50.4300	0.0383		
14/11/2019	93.9397	0.4690	0.8878	1.3568	4.4679	231.8338	26.3824	38.7103	50.5085	0.0811		
15/11/2019	93.8446	0.4641	0.8893	1.3534	4.6011	230.4103	28.4608	38.7259	50.5203	0.0629		
16/11/2019	93.9777	0.4167	0.9205	1.3372	4.4662	230.8497	29.9487	38.7056	50.5272	0.1508		
17/11/2019	94.1613	0.3849	0.9545	1.3394	4.2646	231.1336	29.3443	38.6575	50.5062	0.1518		
18/11/2019	94.3400	0.4021	1.0752	1.4773	3.9782	233.5156	28.5767	38.5075	50.3536	0.1529		
19/11/2019	94.3222	0.3575	1.2044	1.5619	3.9387	230.2904	27.4342	38.4430	50.2887	0.1113		
20/11/2019	94.1380	0.3535	1.1360	1.4895	4.1901	228.7382	25.9100	38.5444	50.3808	0.0415		
21/11/2019	94.0970	0.3623	1.1735	1.5359	4.1852	227.7181	24.2881	38.5246	50.3466	0.0576		
22/11/2019	93.9657	0.3950	1.0694	1.4644	4.3782	229.4414	23.6758	38.6127	50.4215	0.0739		
23/11/2019	94.0545	0.4125	1.0772	1.4898	4.2621	229.3407	23.0264	38.5711	50.3819	0.0248		
24/11/2019	93.7990	0.4689	1.0073	1.4762	4.5272	229.9484	22.0254	38.6543	50.4224	0.0528		
25/11/2019	94.0041	0.4331	1.0144	1.4475	4.3581	230.6459	21.3350	38.6135	50.4206	0.2063		
26/11/2019	94.1100	0.3900	1.0616	1.4516	4.2483	230.6108	21.4171	38.5808	50.4102	0.2481		
27/11/2019	94.0099	0.4054	0.9356	1.3409	4.4326	231.5457	22.5941	38.6933	50.5213	0.2731		
28/11/2019	94.0041	0.4536	0.8232	1.2768	4.4914	233.4915	24.2673	38.7426	50.5672	0.3429		
29/11/2019	94.0101	0.4589	0.9139	1.3728	4.4155	230.6162	24.5015	38.6656	50.4783	0.3320		
30/11/2019	94.0253	0.4624	0.8867	1.3490	4.4305	230.4380	25.4785	38.6756	50.4939	0.4665		

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

Mínimo	93.7990	0.3535	0.5782	1.0377	3.9387	227.7181	21.3350	38.4430	50.2887	0.0248
Promedio	94.0641	0.4205	0.9354	1.3559	4.3725	231.3931	26.7001	38.6645	50.4944	0.1710
Máximo	94.4950	0.5069	1.2044	1.5619	4.8072	235.2877	31.3713	38.9221	50.7770	0.4665
Desv. Est.	0.154880338	0.03822328	0.144635705	0.121076968	0.186748592	2.018019342	2.97178507	0.094671742	0.100689308	0.112531585

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



PERMISIONARIO:	Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	Estación El Sauz - DMS
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 Sulhídrico (mg/m ³)
01/11/2019	93.9666	0.3790	0.7896	1.1685	3.9974	233.4397	30.2151	38.5643	50.4626	0.3099
02/11/2019	93.8276	0.3676	0.7406	1.1082	4.1862	233.6965	29.0987	38.6336	50.4863	0.2073
03/11/2019	93.9758	0.3863	0.7601	1.1464	4.0364	232.4589	29.9913	38.6066	50.4590	0.2188
04/11/2019	93.9562	0.3750	0.7077	1.0827	4.1354	232.3388	29.9116	38.6194	50.5167	0.1808
05/11/2019	94.1276	0.3926	0.7248	1.1174	3.3349	232.5079	29.3854	38.3591	50.3005	0.1383
06/11/2019	93.5584	0.4386	0.3485	0.7871	4.3110	230.7452	29.6555	38.6974	50.5476	0.1078
07/11/2019	93.4070	0.4109	0.3105	0.7214	3.8923	232.0144	29.0897	38.6112	50.5414	0.0755
08/11/2019	93.5575	0.3727	0.6903	1.0630	3.8709	231.2904	28.8022	38.6014	50.4821	0.0138
09/11/2019	93.7889	0.3710	0.9219	1.2929	4.1341	229.3185	26.9559	38.5684	50.4285	0.0130
10/11/2019	93.3765	0.3046	0.9042	1.2088	4.1610	228.9287	25.4091	38.5675	50.4133	0.0555
11/11/2019	93.2805	0.2805	0.8443	1.1248	4.0443	229.0531	25.5624	38.5552	50.3716	0.0062
12/11/2019	93.2951	0.3047	0.9160	1.2207	4.1878	227.7497	25.9704	38.5835	50.3972	0.0668
13/11/2019	93.3707	0.2683	0.8363	1.1046	4.0900	228.8361	26.1595	38.5508	50.2860	0.0059
14/11/2019	93.7187	0.4259	0.8421	1.2679	4.2521	230.3859	26.0194	38.6452	50.4546	0.0085
15/11/2019	93.5368	0.3846	0.8008	1.1854	4.1622	229.1481	27.2017	38.5649	50.3661	0.0006
16/11/2019	93.7334	0.3556	0.8724	1.2281	4.1827	229.9421	29.8623	38.6195	50.4796	0.0373
17/11/2019	93.9760	0.3385	0.9095	1.2480	4.0471	229.6179	28.8592	38.5768	50.4508	0.0670
18/11/2019	94.1854	0.3504	0.9768	1.3272	3.8311	232.0635	28.1625	38.4289	50.2789	0.0637
19/11/2019	94.1656	0.3418	1.1196	1.4615	3.5731	229.3643	26.6056	38.3190	50.2026	0.0501
20/11/2019	93.9405	0.3233	1.0559	1.3793	4.0148	227.3415	25.0322	38.4928	50.3451	0.0024
21/11/2019	93.9351	0.3449	1.0895	1.4344	4.0120	226.3153	23.7642	38.4537	50.2795	0.0355
22/11/2019	93.6790	0.3624	0.9959	1.3583	4.1962	228.4804	23.5100	38.5566	50.3593	0.0119
23/11/2019	93.4369	0.3666	1.0164	1.3830	3.9700	228.1373	22.5363	38.4622	50.2419	0.0000
24/11/2019	93.3819	0.3910	0.9098	1.3008	4.2413	229.3172	21.6023	38.5609	50.3229	0.0001
25/11/2019	93.6015	0.3737	0.9030	1.2766	4.0111	229.7939	21.1176	38.4786	50.3018	0.0144
26/11/2019	93.9780	0.3522	1.0079	1.3601	4.0981	229.6013	21.1243	38.5331	50.3830	0.0679
27/11/2019	93.8706	0.3399	0.8329	1.1728	4.2067	229.6132	22.1857	38.6185	50.4578	0.1931
28/11/2019	93.8520	0.4117	0.7183	1.1300	4.3451	232.8814	23.8062	38.6719	50.5054	0.2505
29/11/2019	93.8717	0.4334	0.8822	1.3156	4.2007	229.6221	24.4217	38.5984	50.4431	0.2285
30/11/2019	93.7474	0.4381	0.8363	1.2744	4.2222	229.4665	24.8241	38.5895	50.4164	0.3487
Mínimo	93.2805	0.2683	0.3105	0.7214	3.3349	226.3153	21.1176	38.3190	50.2026	0.0000

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



PERMISIONARIO:	Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	Estación SNG Escobedo - DMS
ZONA DE MEDICIÓN:	<u>RESTO DEL PAÍS</u>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (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)
01/11/2019	94.2799	0.4135	0.7816	1.1951	4.3114	232.3448	23.0558	38.7156	50.5986	0.9025		
02/11/2019	94.1957	0.4327	0.7721	1.2048	4.3658	227.1972	21.6802	38.7392	50.6029	0.6985		
03/11/2019	94.2524	0.4352	0.7735	1.2087	4.3266	215.3152	22.4895	38.7121	50.5852	0.7294		
04/11/2019	94.3188	0.4189	0.7622	1.1811	4.2943	215.8447	22.4484	38.7098	50.6005	0.6213		
05/11/2019	94.5545	0.4214	0.7893	1.2106	4.0153	217.2020	21.6745	38.6281	50.5396	0.4740		
06/11/2019	94.0370	0.5031	0.5860	1.0891	4.6584	216.8666	22.0742	38.8553	50.7052	0.4480		
07/11/2019	93.9591	0.4581	0.5547	1.0127	4.7993	221.2349	21.8040	38.9335	50.7951	0.4206		
08/11/2019	94.1419	0.4135	0.8302	1.2437	4.3822	226.2590	21.6132	38.7271	50.5829	0.3435		
09/11/2019	94.1059	0.3897	0.9356	1.3253	4.3501	224.2986	20.7184	38.6790	50.5241	0.4367		
10/11/2019	94.0103	0.3771	0.9815	1.3586	4.4225	217.7171	19.1851	38.6782	50.5068	0.6514		
11/11/2019	94.0068	0.4055	0.9031	1.3086	4.4755	221.5153	19.1279	38.7135	50.5475	0.5518		
12/11/2019	94.0560	0.3733	0.9579	1.3312	4.3856	225.5108	19.6878	38.6915	50.5322	0.4303		
13/11/2019	93.9206	0.4545	0.9544	1.4089	4.4468	225.1447	19.6095	38.6754	50.4683	0.3974		
14/11/2019	94.0067	0.4673	0.8422	1.3095	4.4431	223.3956	19.6437	38.7258	50.5393	0.3049		
15/11/2019	93.9065	0.4616	0.8454	1.3069	4.5804	222.3701	21.2492	38.7421	50.5512	0.2258		
16/11/2019	94.0422	0.4151	0.8752	1.2904	4.4431	223.0603	22.4036	38.7218	50.5581	0.5105		
17/11/2019	94.2243	0.3831	0.9056	1.2888	4.2472	219.1873	21.9222	38.6765	50.5406	0.4222		
18/11/2019	94.4133	0.4007	1.0169	1.4176	3.9592	215.4848	21.3267	38.5292	50.3934	0.4576		
19/11/2019	94.4134	0.3566	1.1371	1.4936	3.9093	215.3922	20.4137	38.4659	50.3332	0.3109		
20/11/2019	94.1714	0.3517	1.1210	1.4727	4.1683	214.1855	19.2716	38.5492	50.3918	0.4068		
21/11/2019	94.1806	0.3607	1.1083	1.4690	4.1636	213.0108	17.9578	38.5476	50.3903	0.4804		
22/11/2019	94.0177	0.3930	1.0416	1.4346	4.3514	218.5554	17.5557	38.6204	50.4400	0.4961		
23/11/2019	94.1073	0.4088	1.0408	1.4496	4.2452	220.9957	17.0352	38.5852	50.4099	0.3610		
24/11/2019	93.8552	0.4675	0.9719	1.4394	4.5040	214.8374	16.2731	38.6649	50.4456	0.3169		
25/11/2019	94.0614	0.4312	0.9784	1.4095	4.3342	220.7553	15.7944	38.6250	50.4449	0.1943		
26/11/2019	94.1874	0.3880	1.0044	1.3923	4.2252	220.8022	15.8495	38.6011	50.4493	0.3289		
27/11/2019	94.0761	0.4027	0.8906	1.2932	4.4089	221.8553	16.7506	38.7094	50.5528	0.4338		
28/11/2019	94.0297	0.4513	0.8189	1.2702	4.4671	225.3747	18.0258	38.7429	50.5709	0.5172		
29/11/2019	94.0580	0.4562	0.8861	1.3423	4.3930	221.1819	18.2004	38.6753	50.4983	0.2527		
30/11/2019	94.0725	0.4600	0.8617	1.3217	4.4058	220.6277	18.9483	38.6834	50.5112	0.0500		

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

Mínimo	93.8552	0.3517	0.5547	1.0127	3.9093	213.0108	15.7944	38.4659	50.3332	0.0500		
Promedio	94.1221	0.4184	0.8976	1.3160	4.3494	220.5841	19.7930	38.6775	50.5203	0.4392		
Máximo	94.5545	0.5031	1.1371	1.4936	4.7993	232.3448	23.0558	38.9335	50.7951	0.9025		
Desv. Est.	0.159506237	0.03781869	0.138193881	0.115030408	0.187121956	4.513804064	2.184442957	0.092001332	0.096164618	0.170893456		

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



PERMISIONARIO:	Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	Estación SNG Escobedo - DMS
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 Sulhídrico (mg/m ³)
01/11/2019	94.6566	0.4484	0.8111	1.2595	4.5595	233.5877	24.1817	38.7933	50.6647	1.1287
02/11/2019	94.3683	0.5175	0.8617	1.3792	4.6337	232.9152	22.1407	38.8301	50.6743	0.9390
03/11/2019	94.5596	0.4924	0.8202	1.3126	4.5774	219.7664	22.7980	38.7951	50.6563	1.1848
04/11/2019	94.5052	0.4503	0.9895	1.4398	4.5890	218.2297	22.8043	38.8117	50.6795	1.2008
05/11/2019	95.1092	0.4517	0.9503	1.4020	4.4143	219.9378	21.8967	38.7729	50.6447	1.0351
06/11/2019	94.3265	0.5760	0.7108	1.2867	5.1533	223.0616	22.2190	39.0860	50.8959	0.8630
07/11/2019	94.7008	0.5701	0.7140	1.2841	5.4846	227.3931	22.1649	39.1941	50.9805	0.7235
08/11/2019	94.8485	0.4778	1.0066	1.4844	4.7494	229.9819	21.7757	38.7944	50.6506	0.5483
09/11/2019	94.3582	0.4599	0.9996	1.4595	4.6161	226.6713	21.2572	38.7663	50.5767	0.8262
10/11/2019	94.3025	0.4121	1.7766	2.1887	5.1290	219.6680	19.9541	38.9413	50.7453	1.1693
11/11/2019	94.5190	0.4953	1.2977	1.7931	5.2087	226.5507	19.3110	38.9625	50.7830	1.0660
12/11/2019	94.2612	0.4359	1.0172	1.4531	5.0214	228.2632	20.1261	38.8766	50.6646	0.7733
13/11/2019	94.3739	0.5591	1.1159	1.6750	5.0389	227.7624	19.7595	38.9074	50.6929	0.8259
14/11/2019	94.2131	0.5046	0.9262	1.4308	4.6285	224.9575	20.2368	38.8021	50.5975	0.8808
15/11/2019	94.2544	0.4860	0.9688	1.4548	4.9722	223.5362	22.3072	38.8868	50.6767	1.0354
16/11/2019	94.3525	0.4477	0.9602	1.4080	4.6835	223.8770	22.5381	38.7990	50.6059	1.4063
17/11/2019	94.4069	0.4007	0.9935	1.3942	4.3951	221.4681	22.4089	38.7243	50.5829	1.2267
18/11/2019	94.5694	0.4702	1.1510	1.6212	4.1403	217.1991	21.6493	38.5888	50.4715	1.3359
19/11/2019	94.7710	0.3787	1.1754	1.5541	4.1240	215.3922	21.0197	38.5539	50.4165	1.0386
20/11/2019	94.3788	0.3791	1.7863	2.1653	4.3652	215.3922	19.7681	38.6448	50.4949	0.8701
21/11/2019	94.3390	0.3770	1.1551	1.5321	4.3835	213.0108	18.6371	38.6594	50.5001	1.5636
22/11/2019	94.2627	0.4244	1.5404	1.9649	4.7603	221.8577	17.8546	38.7776	50.5859	1.1773
23/11/2019	94.4043	0.5511	1.4936	2.0448	4.8483	224.5090	17.5056	38.7756	50.5379	1.1443
24/11/2019	94.1178	0.5471	1.2712	1.8182	5.0144	218.8484	16.6041	38.8572	50.6108	1.0869
25/11/2019	94.4576	0.4636	1.1985	1.6621	4.8054	224.4057	16.0532	38.7904	50.5770	1.6288
26/11/2019	94.3409	0.4330	1.0374	1.4704	4.3522	224.6127	16.3437	38.6514	50.4923	1.2570
27/11/2019	94.3381	0.4849	1.0193	1.5043	4.5901	224.2710	17.6192	38.7925	50.6296	1.1525
28/11/2019	94.2095	0.5043	1.4556	1.9599	4.6125	226.4436	18.4777	38.8111	50.6329	0.8934
29/11/2019	94.2344	0.4784	1.2101	1.6884	4.5411	224.2100	18.4401	38.7280	50.5514	1.3559
30/11/2019	94.2791	0.4839	1.1891	1.6730	4.7012	223.0575	19.7299	38.8057	50.6111	0.1951
Máximo	95.1092	0.5760	1.7863	2.1887	5.4846	233.5877	24.1817	39.1941	50.9805	1.6288

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



PERMISIONARIO:	Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	Estación SNG Escobedo - DMS
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 Sulhídrico (mg/m ³)
01/11/2019	94.0408	0.3774	0.7529	1.1302	3.9269	230.7719	22.1928	38.5534	50.4753	0.7664
02/11/2019	93.8757	0.3586	0.7058	1.0644	4.1648	220.1726	21.3034	38.6478	50.5176	0.4674
03/11/2019	94.0314	0.3834	0.7256	1.1090	4.0033	214.3221	22.1039	38.6170	50.4905	0.4078
04/11/2019	94.0100	0.3759	0.6798	1.0557	4.0939	214.3221	21.9495	38.5908	50.4183	0.2079
05/11/2019	94.1732	0.3950	0.6902	1.0852	3.3252	214.1427	21.4229	38.3843	50.3419	0.1867
06/11/2019	93.6733	0.4357	0.3462	0.7819	4.2624	214.9424	21.8075	38.7032	50.5704	0.1727
07/11/2019	93.4010	0.4103	0.3018	0.7121	3.9425	217.2340	21.5776	38.6440	50.5733	0.0410
08/11/2019	93.6473	0.3698	0.6596	1.0294	3.8073	224.0750	21.3464	38.6032	50.5167	0.0504
09/11/2019	93.8103	0.3691	0.8784	1.2475	4.1145	220.0786	20.0595	38.5879	50.4731	0.0397
10/11/2019	93.2627	0.3018	0.8580	1.1598	4.1522	213.7234	18.8329	38.3379	49.8934	0.0543
11/11/2019	93.3157	0.2751	0.8102	1.0853	4.0046	214.6048	18.9179	38.4872	50.1807	0.2829
12/11/2019	93.4316	0.3066	0.8685	1.1751	4.1502	223.0989	19.2847	38.5891	50.4202	0.1025
13/11/2019	93.3986	0.2603	0.8115	1.0718	4.0496	223.1546	19.4392	38.5669	50.3486	0.0370
14/11/2019	93.8141	0.4340	0.7996	1.2336	4.2307	221.4302	19.3358	38.6630	50.4928	0.0390
15/11/2019	93.5916	0.3805	0.7607	1.1412	4.1317	220.2880	20.2694	38.5804	50.4064	0.0000
16/11/2019	93.7758	0.3542	0.8319	1.1861	4.1053	222.0117	22.3319	38.6187	50.5020	0.0088
17/11/2019	94.0747	0.3422	0.8613	1.2035	4.0536	216.4615	21.5584	38.6021	50.4904	0.0422
18/11/2019	94.2443	0.3490	0.9237	1.2727	3.8057	214.3525	21.0136	38.4590	50.3270	0.0857
19/11/2019	94.2481	0.3402	1.0563	1.3965	3.5384	215.3922	19.7960	38.3419	50.2521	0.0036
20/11/2019	93.5361	0.3201	1.0000	1.3201	4.0150	213.0108	18.6643	38.2914	49.9443	0.1122
21/11/2019	94.0104	0.3397	0.9908	1.3305	3.9965	213.0108	17.5561	38.4786	50.3270	0.0312
22/11/2019	93.4302	0.3592	0.9452	1.3045	4.1384	214.8842	17.4532	38.4571	50.1194	0.0376
23/11/2019	93.5208	0.3629	0.9622	1.3252	3.9282	217.9783	16.6546	38.4278	50.1301	0.0015
24/11/2019	93.1446	0.3886	0.8657	1.2544	4.2378	212.2833	15.9915	38.5834	50.2427	0.0042
25/11/2019	93.6294	0.3747	0.8566	1.2312	3.9771	216.9430	15.6176	38.5017	50.3070	0.0024
26/11/2019	94.0581	0.3519	0.9527	1.3046	4.0813	218.2065	15.6182	38.5527	50.4239	0.0033
27/11/2019	93.9304	0.3330	0.7895	1.1225	4.1963	220.2531	16.4532	38.6373	50.4976	0.0034
28/11/2019	93.5697	0.4107	0.6872	1.0979	4.3311	224.3359	17.6978	38.4632	50.1412	0.0333
29/11/2019	93.8486	0.4323	0.8441	1.2763	4.1647	217.7605	18.0575	38.5215	50.2681	0.0007
30/11/2019	93.8235	0.4369	0.7955	1.2324	4.2104	218.2473	18.4715	38.5117	50.2537	0.0057
Mínimo	93.1446	0.2603	0.3018	0.7121	3.3252	212.2833	15.6176	38.2914	49.8934	0.0000

Observaciones: