

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 Sulhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
01/07/2019	93.6767	0.6711	0.2047	0.8758	4.7161	222.3518	13.7450	39.2783	50.9999	2.6256		
02/07/2019	93.7662	0.6735	0.2128	0.8863	4.6780	228.3733	15.9534	39.2241	50.9642	2.2976		
03/07/2019	93.7298	0.6613	0.2147	0.8761	4.7094	230.0342	15.9272	39.2470	50.9846	1.8884		
04/07/2019	93.3623	0.6750	0.2066	0.8816	5.0491	231.4803	15.6612	39.3562	51.0405	3.9550		
05/07/2019	93.5652	0.6915	0.2228	0.9143	4.9004	232.3142	15.6868	39.2459	50.9597	3.5041		
06/07/2019	93.5198	0.7195	0.2382	0.9577	4.8965	233.6718	16.7697	39.2334	50.9249	3.4049		
07/07/2019	93.4393	0.7428	0.2437	0.9866	4.9618	229.4751	16.3981	39.2325	50.9071	3.5366		
08/07/2019	93.5403	0.7528	0.2497	1.0025	4.9009	230.2579	17.1132	39.1741	50.8647	2.7842		
09/07/2019	93.4876	0.7357	0.2462	0.9819	4.9404	231.2203	17.2060	39.2138	50.9004	2.7038		
10/07/2019	93.5833	0.7205	0.2455	0.9659	4.8492	231.4236	17.1300	39.2016	50.9043	2.1710		
11/07/2019	93.2224	0.7201	0.2359	0.9560	5.1434	231.6871	16.4703	39.3362	50.9848	2.1754		
12/07/2019	93.1287	0.6766	0.2281	0.9047	5.1858	232.4664	15.4030	39.4327	51.0725	2.0996		
13/07/2019	93.2112	0.6688	0.2314	0.9002	5.1403	234.8456	15.4484	39.4021	51.0576	2.1225		
14/07/2019	93.7043	0.6925	0.2463	0.9388	4.9007	235.1160	15.9747	39.1360	50.8869	1.9518		
15/07/2019	93.6677	0.7239	0.2511	0.9749	4.9091	237.4334	17.7160	39.1213	50.8546	2.1487		
16/07/2019	93.6203	0.6853	0.2366	0.9219	4.9938	238.2887	17.2433	39.1735	50.9174	1.9125		
17/07/2019	93.5147	0.6906	0.2288	0.9194	5.0853	241.6021	16.6512	39.2118	50.9390	1.9521		
18/07/2019	93.4397	0.6963	0.2347	0.9310	5.1636	240.4455	17.4774	39.2189	50.9364	1.9200		
19/07/2019	93.4573	0.7098	0.2326	0.9424	5.1301	240.3798	16.8209	39.2096	50.9227	1.9892		
20/07/2019	93.7709	0.6985	0.2489	0.9474	4.8346	240.0968	17.5396	39.1099	50.8655	1.7887		
21/07/2019	93.8578	0.7372	0.2611	0.9983	4.7716	237.2264	18.2111	39.0248	50.7864	1.8796		
22/07/2019	94.0946	0.7551	0.2703	1.0254	4.5922	236.2137	19.1511	38.9098	50.7049	1.8971		
23/07/2019	93.9656	0.7547	0.2604	1.0152	4.7221	235.6230	18.4717	38.9575	50.7367	1.9486		
24/07/2019	94.0431	0.7795	0.2546	1.0341	4.6193	237.0521	18.0487	38.9274	50.7049	1.6730		
25/07/2019	93.9165	0.7673	0.2537	1.0209	4.7637	232.9480	17.0928	38.9681	50.7371	1.6920		
26/07/2019	94.0620	0.7420	0.2458	0.9879	4.6580	229.7859	17.6358	38.9452	50.7452	1.6637		
27/07/2019	94.0633	0.7548	0.2541	1.0090	4.6264	231.1415	18.3745	38.9355	50.7264	1.6238		
28/07/2019	94.0650	0.7852	0.2564	1.0416	4.5907	230.7361	19.0077	38.9164	50.6939	1.5085		
29/07/2019	94.1316	0.7778	0.2529	1.0307	4.5560	232.5697	19.6478	38.8955	50.6889	1.4205		
30/07/2019	94.1094	0.7705	0.2591	1.0296	4.5560	237.3839	19.0129	38.9128	50.7008	1.6450		
31/07/2019	94.2262	0.7398	0.2724	1.0122	4.4551	236.9447	18.5298	38.8910	50.7037	1.5248		

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

Mínimo	93.1287	0.6613	0.2047	0.8758	4.4551	222.3518	13.7450	38.8910	50.6889	1.4205		
Promedio	93.7078	0.7216	0.2419	0.9636	4.8387	233.8900	17.1458	39.1304	50.8650	2.1745		
Máximo	94.2262	0.7852	0.2724	1.0416	5.1858	241.6021	19.6478	39.4327	51.0725	3.9550		
Dev. Est.	0.301677999	0.037335391	0.017376094	0.052464644	0.208629542	4.262254254	1.326866943	0.164259668	0.120975974	0.649668401		

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)
01/07/2019	93.8532	0.7158	0.2191	0.9349	4.9285	240.4422	18.3457	39.3603	51.0741	4.2929
02/07/2019	93.9482	0.7406	0.2247	0.9653	4.7833	230.3317	18.4279	39.2893	51.0003	2.5672
03/07/2019	93.9446	0.6942	0.2269	0.9211	5.1026	233.4051	17.1158	39.3610	51.0871	2.4141
04/07/2019	93.5346	0.6923	0.2127	0.9050	5.2791	234.1197	15.9992	39.4177	51.0779	4.6182
05/07/2019	93.7360	0.7587	0.2377	0.9963	5.0383	234.0112	16.7507	39.3409	51.0494	3.6972
06/07/2019	93.5938	0.7547	0.2519	1.0066	5.0069	236.7699	17.8362	39.2694	50.9631	3.7281
07/07/2019	93.5379	0.7676	0.2486	1.0162	5.1287	232.8041	17.7713	39.2992	50.9546	3.8625
08/07/2019	93.7139	0.7809	0.2631	1.0440	5.2255	232.2666	18.0238	39.2244	50.9039	3.6352
09/07/2019	93.6427	0.7796	0.2596	1.0392	5.2125	233.1103	17.9929	39.3027	50.9818	2.9936
10/07/2019	93.7249	0.7460	0.2528	0.9989	4.9839	232.2281	18.1388	39.2564	50.9518	2.8649
11/07/2019	93.4690	0.8076	0.2518	1.0594	5.2522	233.8093	17.9909	39.4510	51.0756	2.6270
12/07/2019	93.2387	0.6903	0.2348	0.9251	5.2905	234.1338	16.0759	39.4751	51.0990	2.2763
13/07/2019	93.4956	0.6988	0.2434	0.9422	5.3157	235.7040	15.9244	39.4817	51.1266	2.3177
14/07/2019	93.8333	0.7318	0.2567	0.9885	5.0544	236.8138	17.7589	39.2677	50.9873	2.2167
15/07/2019	93.7251	0.7618	0.2581	1.0198	4.9570	240.3343	18.3666	39.1880	50.8803	2.3676
16/07/2019	93.7298	0.7355	0.2488	0.9843	5.1033	240.5621	18.0433	39.2420	50.9710	2.1285
17/07/2019	93.5985	0.7113	0.2357	0.9470	5.2829	243.9352	17.0629	39.2517	50.9820	2.1018
18/07/2019	93.5415	0.7123	0.2403	0.9526	5.3236	242.9775	17.9100	39.2643	50.9873	2.0848
19/07/2019	93.5601	0.7789	0.2393	1.0182	5.2245	243.5929	17.8570	39.2829	50.9928	2.1781
20/07/2019	93.9087	0.7244	0.2625	0.9869	5.1188	244.0878	18.7486	39.1975	50.9246	2.0084
21/07/2019	93.9661	0.7592	0.2933	1.0525	4.9134	240.8696	18.9696	39.1127	50.8639	2.0189
22/07/2019	94.2218	0.8044	0.2923	1.0966	4.7774	237.6137	20.2038	38.9778	50.7567	2.0283
23/07/2019	94.0013	0.7906	0.2755	1.0661	4.7913	237.7462	19.6995	38.9806	50.7754	2.0457
24/07/2019	94.1176	0.8063	0.2648	1.0711	4.6837	239.3472	18.5937	38.9595	50.7653	1.9463
25/07/2019	94.0330	0.7995	0.2599	1.0595	5.0124	235.5916	18.0523	39.0335	50.7621	1.9011
26/07/2019	94.1203	0.7962	0.2543	1.0505	4.7141	232.1899	18.3797	38.9720	50.7794	1.8406
27/07/2019	94.1466	0.8032	0.2651	1.0684	4.6980	234.5070	18.7508	38.9675	50.7688	1.7285
28/07/2019	94.1515	0.8053	0.2645	1.0698	4.6966	234.4085	19.5107	38.9890	50.7290	1.7387
29/07/2019	94.2317	0.8082	0.2635	1.0717	4.6443	235.9241	20.4382	38.9221	50.7214	1.6257
30/07/2019	94.1969	0.7955	0.2692	1.0648	4.6444	238.7465	19.6742	38.9493	50.7357	1.7360
31/07/2019	94.3145	0.7662	0.2948	1.0611	4.5487	239.5469	18.7573	38.9465	50.7407	1.8073
Máximo	94.3145	0.8082	0.2948	1.0966	5.3236	244.0878	20.4382	39.4817	51.1266	4.6182

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)
01/07/2019	93.4405	0.6214	0.1937	0.8151	4.4803	209.3903	10.4013	39.1976	50.9351	1.9652
02/07/2019	93.6125	0.6450	0.1891	0.8340	4.5414	225.7123	14.5542	39.0783	50.8304	1.9283
03/07/2019	93.3365	0.6104	0.1978	0.8082	4.4979	228.8645	14.4776	39.1459	50.9038	0.8954
04/07/2019	93.1409	0.6584	0.1990	0.8574	4.8732	229.1158	14.8962	39.3000	51.0066	1.3014
05/07/2019	93.3821	0.6402	0.2095	0.8497	4.7758	229.1598	14.4863	39.1457	50.8747	3.3194
06/07/2019	93.4174	0.6929	0.2222	0.9152	4.8333	231.2797	15.6970	39.2036	50.8854	3.1664
07/07/2019	93.2724	0.7285	0.2378	0.9663	4.8689	227.1285	15.8530	39.1963	50.8684	3.3381
08/07/2019	93.2473	0.7224	0.2414	0.9637	4.7882	227.4829	16.4812	39.0965	50.8035	2.4425
09/07/2019	93.2511	0.6916	0.2342	0.9258	4.8482	229.1038	16.4648	39.1138	50.8147	2.4325
10/07/2019	93.4122	0.6896	0.2374	0.9270	4.7425	230.4657	15.8267	39.1598	50.8622	2.0137
11/07/2019	93.0652	0.6842	0.2216	0.9058	4.9888	229.7302	15.3239	39.1538	50.8146	1.9674
12/07/2019	93.0110	0.6624	0.2233	0.8857	5.0631	230.8928	14.7081	39.3565	51.0174	1.9332
13/07/2019	92.9871	0.6391	0.2240	0.8631	5.0081	233.7960	14.8448	39.2760	50.9542	1.9497
14/07/2019	93.4777	0.6509	0.2298	0.8807	4.8189	233.4781	14.8434	39.0744	50.8314	1.8140
15/07/2019	93.5492	0.7051	0.2438	0.9489	4.8418	235.3659	16.9326	39.1035	50.8361	1.9155
16/07/2019	93.4945	0.6644	0.2214	0.8858	4.8688	236.4699	16.0821	39.1047	50.8415	1.6541
17/07/2019	93.3128	0.6648	0.2199	0.8848	4.9953	239.6856	16.3809	39.1770	50.9072	1.7830
18/07/2019	93.2702	0.6649	0.2242	0.8892	5.0571	238.6095	16.4832	39.1833	50.9041	1.7477
19/07/2019	93.3378	0.6618	0.2255	0.8873	5.0267	238.1645	16.2207	39.1512	50.8395	1.8330
20/07/2019	93.4952	0.6830	0.2402	0.9232	4.6690	237.7407	16.8794	39.0386	50.8138	1.5853
21/07/2019	93.7477	0.7005	0.2463	0.9468	4.6848	235.6730	17.6858	38.9610	50.7382	1.8189
22/07/2019	93.9165	0.7287	0.2605	0.9891	4.4800	234.2754	17.9731	38.8325	50.6189	1.8119
23/07/2019	93.8849	0.7259	0.2455	0.9714	4.6660	233.1210	17.3656	38.9202	50.6871	1.8575
24/07/2019	93.9654	0.7278	0.2407	0.9685	4.5556	235.9022	17.2200	38.8894	50.6641	1.4934
25/07/2019	93.6418	0.7443	0.2455	0.9898	4.6731	231.1453	16.3107	38.9365	50.7149	1.4950
26/07/2019	93.9927	0.7133	0.2382	0.9515	4.5510	227.8250	17.0680	38.9094	50.6891	1.5032
27/07/2019	93.9278	0.7190	0.2427	0.9618	4.5584	228.5564	17.9816	38.9033	50.6767	1.4709
28/07/2019	93.9377	0.7652	0.2497	1.0150	4.5195	228.8965	18.2410	38.8832	50.6735	1.4012
29/07/2019	94.0384	0.7518	0.2443	0.9960	4.4403	229.3284	19.0623	38.8592	50.6558	1.3065
30/07/2019	94.0238	0.7508	0.2508	1.0016	4.4523	235.1660	18.5870	38.8660	50.6551	1.4917
31/07/2019	94.0885	0.7098	0.2606	0.9704	4.3682	234.7120	17.9524	38.8503	50.6591	1.3427

Mínimo	92.9871	0.6104	0.1891	0.8082	4.3682	209.3903	10.4013	38.8325	50.6189	0.8954
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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 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)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
01/07/2019	93.7598	0.6669	0.2240	0.8909	4.6995	225.2396	18.1180	39.2112	50.9565	0.0208		
02/07/2019	93.6017	0.6482	0.2155	0.8638	4.8508	224.7949	20.9523	39.2858	50.9776	0.0223		
03/07/2019	93.3994	0.6636	0.2123	0.8759	5.0303	230.6243	18.6911	39.3396	51.0365	0.0203		
04/07/2019	93.5484	0.6956	0.2307	0.9263	4.9304	234.3848	20.5798	39.2291	50.9439	0.0214		
05/07/2019	93.4874	0.7095	0.2457	0.9552	4.9403	236.9199	21.7868	39.2357	50.9312	0.0217		
06/07/2019	93.4626	0.7351	0.2447	0.9798	4.9610	236.6511	20.8526	39.2198	50.9050	0.0219		
07/07/2019	93.5322	0.7508	0.2547	1.0056	4.9493	235.8124	22.3668	39.1539	50.8526	0.0216		
08/07/2019	93.4676	0.7203	0.2433	0.9636	4.9681	233.2252	20.6822	39.2299	50.9215	0.0212		
09/07/2019	93.5868	0.7080	0.2473	0.9553	4.8721	233.5298	22.5647	39.1967	50.9095	0.0209		
10/07/2019	93.2032	0.7078	0.2356	0.9434	5.1738	233.9174	19.9140	39.3455	50.9987	0.0246		
11/07/2019	93.1049	0.6676	0.2284	0.8960	5.2319	233.6066	18.8348	39.4352	51.0800	0.0225		
12/07/2019	93.2161	0.6602	0.2320	0.8921	5.1632	234.1781	19.3672	39.3935	51.0602	0.0220		
13/07/2019	93.6982	0.6868	0.2484	0.9352	4.9298	234.8770	21.8408	39.1277	50.8853	0.0218		
14/07/2019	93.6552	0.7160	0.2517	0.9678	4.9407	236.7286	22.4193	39.1192	50.8587	0.0224		
15/07/2019	93.5939	0.6745	0.2352	0.9097	5.0388	236.3313	21.0812	39.1812	50.9300	0.0220		
16/07/2019	93.4901	0.6847	0.2313	0.9161	5.1311	239.9030	20.9685	39.2089	50.9404	0.0221		
17/07/2019	93.4193	0.6842	0.2334	0.9177	5.1997	238.7187	22.5453	39.2274	50.9502	0.0204		
18/07/2019	93.4608	0.7087	0.2349	0.9437	5.1491	239.0644	20.5540	39.1938	50.9136	0.0210		
19/07/2019	93.7836	0.6890	0.2509	0.9399	4.8435	238.8562	22.7619	39.0998	50.8668	0.0208		
20/07/2019	93.8495	0.7279	0.2621	0.9900	4.8000	238.2332	23.1241	39.0222	50.7911	0.0214		
21/07/2019	94.0663	0.7441	0.2720	1.0161	4.6413	235.0258	24.8662	38.9141	50.7143	0.0215		
22/07/2019	93.9542	0.7496	0.2592	1.0088	4.7547	233.7589	22.2055	38.9534	50.7386	0.0211		
23/07/2019	94.0223	0.7683	0.2552	1.0234	4.6628	236.0696	23.2627	38.9291	50.7136	0.0210		
24/07/2019	93.9077	0.7587	0.2544	1.0130	4.7956	232.5165	21.1266	38.9642	50.7407	0.0210		
25/07/2019	94.0516	0.7313	0.2473	0.9787	4.6888	228.8802	23.0230	38.9446	50.7517	0.0211		
26/07/2019	94.0439	0.7524	0.2555	1.0080	4.6605	229.6121	23.3426	38.9314	50.7258	0.0207		
27/07/2019	94.0589	0.7724	0.2591	1.0315	4.6243	231.5719	25.2745	38.9123	50.6994	0.0211		
28/07/2019	94.1313	0.7691	0.2532	1.0223	4.5726	229.3574	24.6481	38.8933	50.6936	0.0132		
29/07/2019	94.0992	0.7588	0.2616	1.0204	4.5862	233.0839	23.5585	38.9120	50.7075	0.0214		
30/07/2019	94.2140	0.7294	0.2759	1.0053	4.4903	233.7689	22.8771	38.8867	50.7070	0.0226		
31/07/2019	94.0083	0.7557	0.2656	1.0213	4.6801	234.6092	21.8513	38.9331	50.7199	0.0211		

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

Mínimo	93.1049	0.6482	0.2123	0.8638	4.4903	224.7949	18.1180	38.8867	50.6936	0.0132		
Promedio	93.7057	0.7160	0.2459	0.9618	4.8697	233.9952	21.8078	39.1171	50.8588	0.0213		
Máximo	94.2140	0.7724	0.2759	1.0315	5.2319	239.9030	25.2745	39.4352	51.0800	0.0246		
Desv. Est.	0.305563545	0.036739149	0.015562164	0.050204417	0.207758669	3.708370297	1.76637541	0.165944956	0.119915387	0.001709071		

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 Naranjos - RMS
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)
01/07/2019	93.9660	0.7394	0.2330	0.9723	4.7981	228.8310	20.4593	39.2827	51.0008	0.0228
02/07/2019	93.9466	0.6831	0.2295	0.9126	5.3043	226.1317	24.0735	39.4138	51.0790	0.0260
03/07/2019	93.5332	0.6862	0.2199	0.9061	5.2691	235.5394	21.1652	39.4045	51.0743	0.0220
04/07/2019	93.7392	0.7485	0.2440	0.9925	5.0676	237.0480	22.7792	39.3339	51.0489	0.0227
05/07/2019	93.5796	0.7456	0.2532	0.9988	5.1708	238.9494	23.1407	39.2989	50.9606	0.0229
06/07/2019	93.5522	0.7574	0.2493	1.0067	5.0583	239.0610	22.6556	39.2664	50.9435	0.0229
07/07/2019	93.6825	0.7710	0.2622	1.0331	5.2608	239.1895	24.5388	39.2361	50.9225	0.0229
08/07/2019	93.6522	0.7616	0.2611	1.0227	5.0399	236.4291	22.6350	39.3069	50.9896	0.0226
09/07/2019	93.7155	0.7372	0.2547	0.9919	5.0182	235.6968	24.0672	39.2505	50.9572	0.0222
10/07/2019	93.4252	0.7871	0.2522	1.0393	5.2820	238.4476	21.9069	39.4506	51.0806	0.0356
11/07/2019	93.2277	0.6831	0.2359	0.9190	5.3450	236.0947	20.6053	39.4787	51.1059	0.0251
12/07/2019	93.5038	0.6887	0.2446	0.9333	5.3324	236.5257	20.8243	39.4778	51.1290	0.0236
13/07/2019	93.8298	0.7230	0.2579	0.9809	5.0834	239.4356	24.2397	39.2621	50.9908	0.0230
14/07/2019	93.7133	0.7526	0.2573	1.0099	4.9856	240.1707	23.6473	39.1856	50.8846	0.0252
15/07/2019	93.7178	0.7097	0.2495	0.9592	5.1345	240.4022	22.8057	39.2428	50.9760	0.0242
16/07/2019	93.5817	0.7013	0.2397	0.9410	5.3982	242.7195	22.5119	39.2744	50.9871	0.0246
17/07/2019	93.5291	0.7034	0.2408	0.9442	5.2802	241.8058	23.3382	39.2816	50.9981	0.0229
18/07/2019	93.5532	0.7867	0.2411	1.0278	5.2512	243.9354	21.9890	39.2591	50.9731	0.0221
19/07/2019	93.8946	0.7358	0.2619	0.9977	5.1543	241.9046	25.5967	39.1954	50.9298	0.0224
20/07/2019	93.9739	0.7487	0.2964	1.0451	4.9421	240.7560	25.5905	39.1162	50.8705	0.0222
21/07/2019	94.2067	0.7957	0.2937	1.0894	4.7909	237.3750	27.0899	38.9745	50.7586	0.0225
22/07/2019	94.0239	0.7802	0.2732	1.0534	4.8282	236.4289	25.0045	38.9823	50.7779	0.0222
23/07/2019	94.1102	0.7950	0.2651	1.0601	4.8013	237.3035	24.8618	38.9773	50.7691	0.0221
24/07/2019	94.0368	0.7879	0.2598	1.0477	5.0542	234.7830	22.4593	39.0344	50.7683	0.0224
25/07/2019	94.1117	0.7780	0.2558	1.0337	4.7471	231.6298	24.3182	38.9703	50.7840	0.0222
26/07/2019	94.1452	0.7937	0.2673	1.0610	4.7394	233.3236	25.0469	38.9612	50.7659	0.0218
27/07/2019	94.1378	0.7955	0.2662	1.0617	4.6988	233.3123	26.9969	38.9763	50.7285	0.0221
28/07/2019	94.2180	0.7991	0.2659	1.0650	4.6772	233.1824	25.8178	38.9227	50.7243	0.0204
29/07/2019	94.1824	0.7861	0.2736	1.0597	4.6769	236.3017	24.4419	38.9442	50.7382	0.0231
30/07/2019	94.3007	0.7546	0.2983	1.0529	4.6180	236.5820	23.7737	38.9198	50.7455	0.0297
31/07/2019	94.0882	0.7758	0.2801	1.0559	4.8025	237.0163	22.8207	38.9742	50.7490	0.0228
Máximo	94.3007	0.7991	0.2983	1.0894	5.3982	243.9354	27.0899	39.4787	51.1290	0.0356

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 Naranjos - RMS
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)
01/07/2019	93.6103	0.6379	0.1925	0.8304	4.5511	222.5590	15.9768	39.0506	50.8119	0.0178
02/07/2019	93.1301	0.6086	0.2032	0.8118	4.5133	222.8459	18.6955	39.1389	50.5939	0.0205
03/07/2019	93.1703	0.6396	0.2034	0.8429	4.9016	226.3777	17.0951	39.2959	51.0087	0.0158
04/07/2019	93.3676	0.6306	0.2190	0.8496	4.7891	231.1872	18.8459	39.1414	50.8734	0.0199
05/07/2019	93.2506	0.6837	0.2350	0.9187	4.8625	235.6479	17.3061	39.1987	50.8846	0.0203
06/07/2019	93.3630	0.7206	0.2392	0.9598	4.8848	234.7970	17.2023	39.1879	50.8772	0.0204
07/07/2019	93.2311	0.7118	0.2397	0.9515	4.8412	232.6742	20.6268	39.0938	50.8075	0.0177
08/07/2019	93.3797	0.6828	0.2350	0.9178	4.8818	230.8411	18.9618	39.1145	50.8221	0.0198
09/07/2019	93.4607	0.6817	0.2379	0.9195	4.7681	231.8020	20.1788	39.1539	50.8681	0.0177
10/07/2019	93.0517	0.6712	0.2220	0.8932	5.0630	231.0237	17.9879	39.2033	50.8592	0.0207
11/07/2019	92.9774	0.6545	0.2220	0.8764	5.1442	231.6801	17.7761	39.3552	51.0213	0.0206
12/07/2019	92.9907	0.6324	0.2231	0.8555	5.0382	231.8938	18.0677	39.2586	50.9877	0.0204
13/07/2019	93.4834	0.6431	0.2303	0.8734	4.8444	232.3622	18.6175	39.0709	50.8389	0.0209
14/07/2019	93.5370	0.7006	0.2447	0.9453	4.8739	233.7320	20.7036	39.0984	50.8405	0.0202
15/07/2019	93.4765	0.6563	0.2206	0.8770	4.9022	232.4832	18.9260	39.1019	50.8543	0.0205
16/07/2019	93.2174	0.6590	0.2208	0.8798	5.0176	237.1511	19.6678	39.1795	50.9183	0.0205
17/07/2019	93.3231	0.6543	0.2240	0.8783	5.0894	236.4008	20.8136	39.1784	50.9107	0.0166
18/07/2019	93.3586	0.6799	0.2249	0.9049	5.0567	236.0881	19.2418	39.1367	50.8244	0.0195
19/07/2019	93.4868	0.6734	0.2418	0.9151	4.6976	236.3983	21.1190	39.0461	50.8275	0.0184
20/07/2019	93.7327	0.6929	0.2453	0.9382	4.7162	236.3685	21.8164	38.9499	50.7407	0.0201
21/07/2019	93.8996	0.7210	0.2615	0.9826	4.5021	232.7362	23.5012	38.8220	50.6167	0.0195
22/07/2019	93.8687	0.7180	0.2463	0.9643	4.6604	230.4041	20.9266	38.9061	50.6877	0.0196
23/07/2019	93.8784	0.7188	0.2410	0.9597	4.5696	235.0661	22.0318	38.8839	50.6699	0.0195
24/07/2019	93.6309	0.7357	0.2460	0.9816	4.6903	230.2902	17.9632	38.9303	50.7199	0.0195
25/07/2019	93.9812	0.7050	0.2390	0.9440	4.5991	225.4241	21.0058	38.9117	50.7029	0.0201
26/07/2019	93.9146	0.7118	0.2436	0.9554	4.5900	225.5735	22.0437	38.9010	50.6853	0.0189
27/07/2019	93.9629	0.7525	0.2513	1.0038	4.5541	229.7083	24.0973	38.8837	50.6766	0.0197
28/07/2019	94.0181	0.7430	0.2454	0.9883	4.4760	225.8263	23.3555	38.8612	50.6602	0.0084
29/07/2019	94.0137	0.7342	0.2519	0.9861	4.4900	230.2984	22.9295	38.8624	50.6589	0.0170
30/07/2019	94.0922	0.7013	0.2634	0.9647	4.3998	231.4054	21.8137	38.8474	50.6624	0.0199
31/07/2019	93.8771	0.7356	0.2551	0.9908	4.5865	232.5142	20.6757	38.9027	50.6936	0.0177
Mínimo	92.9774	0.6086	0.1925	0.8118	4.3998	222.5590	15.9768	38.8220	50.5939	0.0084

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:	RESTO DEL PAÍS

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)
01/07/2019	93.6568	0.6754	0.1972	0.8726	4.7393	238.6245	16.9349	39.2849	51.0040	0.1386		
02/07/2019	93.7415	0.6778	0.2117	0.8895	4.7009	240.2163	19.5148	39.2271	50.9633	0.0689		
03/07/2019	93.6995	0.6652	0.2134	0.8786	4.7375	240.1231	19.5089	39.2527	50.9858	0.3771		
04/07/2019	93.3372	0.6790	0.2048	0.8838	5.0720	240.8043	19.1464	39.3608	51.0411	4.7560		
05/07/2019	93.5384	0.6965	0.2231	0.9195	4.9232	241.6860	19.2461	39.2490	50.9579	3.5976		
06/07/2019	93.4920	0.7237	0.2392	0.9630	4.9199	243.6026	20.5488	39.2368	50.9248	3.4236		
07/07/2019	93.4134	0.7474	0.2395	0.9869	4.9884	243.2879	20.0999	39.2387	50.9094	3.6077		
08/07/2019	93.5095	0.7578	0.2461	1.0039	4.9327	244.0784	20.9852	39.1805	50.8665	3.5009		
09/07/2019	93.4608	0.7399	0.2420	0.9819	4.9670	243.4102	21.0417	39.2210	50.9035	1.1762		
10/07/2019	93.5562	0.7249	0.2414	0.9663	4.8770	243.5750	20.9571	39.2080	50.9067	1.1001		
11/07/2019	93.1915	0.7243	0.2307	0.9550	5.1738	241.9980	20.0843	39.3455	50.9895	1.0533		
12/07/2019	93.0978	0.6807	0.2224	0.9031	5.2170	241.6380	18.8252	39.4421	51.0775	0.8426		
13/07/2019	93.1848	0.6731	0.2261	0.8992	5.1679	242.9743	18.8274	39.4097	51.0629	0.6016		
14/07/2019	93.6807	0.6969	0.2425	0.9394	4.9285	242.8368	19.4792	39.1398	50.8877	0.9412		
15/07/2019	93.6420	0.7282	0.2475	0.9758	4.9374	244.5350	21.5080	39.1261	50.8560	2.0799		
16/07/2019	93.5942	0.6889	0.2317	0.9206	5.0241	243.1416	20.9824	39.1798	50.9208	1.0097		
17/07/2019	93.4876	0.6948	0.2239	0.9187	5.1169	245.3345	20.3149	39.2179	50.9417	0.8139		
18/07/2019	93.4165	0.6999	0.2302	0.9301	5.1908	243.9667	21.3645	39.2244	50.9391	1.1347		
19/07/2019	93.4329	0.7144	0.2278	0.9422	5.1587	244.7249	20.5569	39.2145	50.9245	1.2570		
20/07/2019	93.7493	0.7025	0.2456	0.9481	4.8592	245.4131	21.3944	39.1135	50.8675	1.1123		
21/07/2019	93.8331	0.7421	0.2587	1.0008	4.7987	244.8757	22.1850	39.0278	50.7858	1.1329		
22/07/2019	94.0704	0.7599	0.2681	1.0280	4.6184	243.6528	23.2383	38.9128	50.7043	1.0079		
23/07/2019	93.9413	0.7598	0.2575	1.0173	4.7490	244.4969	22.4055	38.9606	50.7363	1.0153		
24/07/2019	94.0245	0.7841	0.2515	1.0356	4.6414	246.5280	21.8482	38.9291	50.7042	0.8540		
25/07/2019	93.8927	0.7720	0.2501	1.0221	4.7907	244.7942	20.7430	38.9721	50.7377	0.8410		
26/07/2019	94.0383	0.7465	0.2420	0.9885	4.6852	243.0250	21.4115	38.9496	50.7463	0.7960		
27/07/2019	94.0378	0.7602	0.2509	1.0111	4.6539	243.3686	22.2759	38.9394	50.7269	0.7407		
28/07/2019	94.0411	0.7900	0.2537	1.0437	4.6170	244.8325	23.0659	38.9199	50.6938	0.6694		
29/07/2019	94.1077	0.7829	0.2497	1.0326	4.5824	244.5586	23.7611	38.8990	50.6888	0.5467		
30/07/2019	94.0833	0.7755	0.2566	1.0321	4.5836	246.4717	22.9970	38.9167	50.7007	0.5658		
31/07/2019	94.2002	0.7444	0.2711	1.0155	4.4821	246.0563	22.4116	38.8942	50.7029	0.4853		

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

Mínimo	93.0978	0.6652	0.1972	0.8726	4.4821	238.6245	16.9349	38.8942	50.6888	0.0689		
Promedio	93.6824	0.7261	0.2386	0.9647	4.8656	243.5042	20.8924	39.1353	50.8664	1.3306		
Máximo	94.2002	0.7900	0.2711	1.0437	5.2170	246.5280	23.7611	39.4421	51.0775	4.7560		
Desv. Est.	0.303090605	0.037636175	0.017733359	0.053079527	0.209628576	1.875793104	1.53604589	0.165626789	0.122185386	1.167077801		

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 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 Sulfhídrico (mg/m ³)
01/07/2019	93.8220	0.7156	0.2172	0.9327	4.9573	250.3677	22.5022	39.3585	51.0499	0.3729
02/07/2019	93.9543	0.7543	0.2272	0.9816	4.7845	242.0323	22.5674	39.2873	50.9987	0.1162
03/07/2019	93.9192	0.6995	0.2269	0.9264	5.1611	244.0694	20.8935	39.3753	51.0863	1.8145
04/07/2019	93.5094	0.6982	0.2116	0.9098	5.3145	243.8245	19.6010	39.4271	51.0829	5.0951
05/07/2019	93.7181	0.7608	0.2392	1.0000	5.0638	243.6093	20.5206	39.3452	51.0486	4.6188
06/07/2019	93.5632	0.7564	0.2480	1.0044	5.0222	245.8734	21.8106	39.2738	50.9639	4.0409
07/07/2019	93.5297	0.7700	0.2461	1.0161	5.1535	245.3996	21.7418	39.3076	50.9581	4.1970
08/07/2019	93.6892	0.7823	0.2610	1.0433	5.2556	245.5807	22.0570	39.2320	50.9071	4.1014
09/07/2019	93.6235	0.7836	0.2570	1.0406	5.2328	245.3413	22.0283	39.3161	50.9896	1.3656
10/07/2019	93.6917	0.7507	0.2501	1.0008	5.0169	244.2107	22.1674	39.2636	50.9528	1.2550
11/07/2019	93.4258	0.8098	0.2478	1.0576	5.2791	244.6704	21.6089	39.4616	51.0828	1.1923
12/07/2019	93.2109	0.6956	0.2298	0.9254	5.3224	243.6778	19.6729	39.4841	51.1035	1.1596
13/07/2019	93.4793	0.7017	0.2390	0.9407	5.3461	246.2026	19.4322	39.4922	51.1329	0.8354
14/07/2019	93.8136	0.7374	0.2540	0.9914	5.1028	244.4304	21.5615	39.2729	50.9904	2.0715
15/07/2019	93.7074	0.7660	0.2544	1.0204	4.9850	246.9633	22.2610	39.1972	50.8876	2.3173
16/07/2019	93.7094	0.7360	0.2449	0.9810	5.1325	245.9627	21.8884	39.2496	50.9750	2.0030
17/07/2019	93.5731	0.7146	0.2319	0.9465	5.3548	247.7570	20.7974	39.2692	50.9837	0.9200
18/07/2019	93.5157	0.7162	0.2361	0.9523	5.3015	246.7166	21.8848	39.2720	50.9924	1.3425
19/07/2019	93.5409	0.7715	0.2353	1.0068	5.2510	247.4213	21.8127	39.2862	50.9955	1.4834
20/07/2019	93.8806	0.7401	0.2586	0.9986	5.1448	247.9383	22.8031	39.2012	50.9265	1.2762
21/07/2019	93.9491	0.7636	0.2946	1.0583	4.9445	246.7035	23.0786	39.1155	50.8644	1.2699
22/07/2019	94.1962	0.8092	0.2911	1.1003	4.7843	245.0440	24.4295	38.9727	50.7546	1.1375
23/07/2019	93.9737	0.7924	0.2732	1.0657	4.8162	246.4999	23.8520	38.9855	50.7736	1.1071
24/07/2019	94.1054	0.8092	0.2620	1.0711	4.7238	247.0196	22.5676	38.9652	50.7605	0.9996
25/07/2019	94.0188	0.8030	0.2569	1.0599	5.0370	245.9286	21.8835	39.0382	50.7637	1.0646
26/07/2019	94.0972	0.7968	0.2512	1.0479	4.7423	244.7547	22.3007	38.9743	50.7783	1.0187
27/07/2019	94.1297	0.8061	0.2637	1.0698	4.7346	245.8212	22.6468	38.9712	50.7701	0.8300
28/07/2019	94.1187	0.8110	0.2627	1.0737	4.7169	246.9887	23.6516	39.0140	50.7415	0.8324
29/07/2019	94.1904	0.8119	0.2610	1.0729	4.6771	246.1294	24.7960	38.9261	50.7200	0.6701
30/07/2019	94.1677	0.8013	0.2681	1.0694	4.6722	247.6612	23.7355	38.9552	50.7366	0.6309
31/07/2019	94.2958	0.7677	0.2960	1.0637	4.5870	248.4159	22.6467	38.9504	50.7387	0.6348
Máximo	94.2958	0.8119	0.2960	1.1003	5.3548	250.3677	24.7960	39.4922	51.1329	5.0951

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)
01/07/2019	93.4290	0.6287	0.1774	0.8061	4.4859	234.4452	13.0013	39.1976	50.9301	0.0018
02/07/2019	93.6081	0.6486	0.1845	0.8331	4.5453	238.7459	17.8291	39.0549	50.8064	0.0028
03/07/2019	93.2762	0.6160	0.1948	0.8107	4.5198	238.2044	17.7633	39.1501	50.9005	0.0244
04/07/2019	93.1050	0.6641	0.1964	0.8604	4.8942	238.1070	18.2364	39.3070	51.0068	4.5409
05/07/2019	93.3538	0.6448	0.2089	0.8537	4.7900	238.9378	17.8414	39.1497	50.8765	3.0314
06/07/2019	93.4008	0.6982	0.2220	0.9201	4.8575	242.5043	19.3002	39.2062	50.8848	2.8054
07/07/2019	93.2392	0.7339	0.2345	0.9684	4.8629	242.3029	19.4589	39.1954	50.8750	3.1259
08/07/2019	93.2155	0.7279	0.2374	0.9653	4.8169	242.2671	20.2879	39.0984	50.8023	2.8564
09/07/2019	93.2293	0.6974	0.2298	0.9272	4.8762	241.4567	20.0920	39.1207	50.8170	1.0000
10/07/2019	93.3772	0.6937	0.2328	0.9265	4.7781	242.8020	19.4344	39.1651	50.8638	0.9677
11/07/2019	93.0349	0.6895	0.2152	0.9047	5.0357	239.6413	18.7552	39.1698	50.8336	0.8704
12/07/2019	92.9797	0.6661	0.2159	0.8819	5.0890	239.2997	17.9788	39.3635	51.0199	0.5499
13/07/2019	92.9566	0.6429	0.2178	0.8607	5.0355	240.9576	18.1087	39.2757	50.9917	0.4460
14/07/2019	93.4518	0.6515	0.2243	0.8757	4.8419	241.4847	18.1325	39.0788	50.8314	0.4447
15/07/2019	93.5168	0.7094	0.2420	0.9514	4.8667	242.4379	20.5857	39.1066	50.8375	1.8846
16/07/2019	93.4658	0.6682	0.2152	0.8834	4.8943	240.2749	19.6185	39.1090	50.8455	0.5381
17/07/2019	93.2451	0.6706	0.2143	0.8849	5.0340	243.1740	19.9770	39.1849	50.9125	0.7041
18/07/2019	93.2946	0.6659	0.2188	0.8847	5.0845	242.3533	20.0838	39.1852	50.9075	0.8646
19/07/2019	93.3163	0.6666	0.2196	0.8862	5.0520	242.3940	19.8316	39.1696	50.8579	1.0950
20/07/2019	93.4795	0.6870	0.2352	0.9222	4.7027	243.5410	20.5748	39.0497	50.8215	0.9900
21/07/2019	93.7197	0.7056	0.2431	0.9487	4.7141	243.7011	21.6578	38.9598	50.7370	1.0415
22/07/2019	93.9051	0.7346	0.2575	0.9921	4.5024	242.4941	21.8614	38.8342	50.6151	0.8794
23/07/2019	93.8643	0.7319	0.2416	0.9735	4.6999	242.7705	21.0684	38.9266	50.6912	0.9515
24/07/2019	93.9437	0.7347	0.2373	0.9719	4.5560	246.0758	20.9356	38.8864	50.6628	0.7344
25/07/2019	93.6270	0.7484	0.2416	0.9901	4.6913	243.6569	19.8250	38.9382	50.7136	0.7257
26/07/2019	93.9681	0.7193	0.2338	0.9532	4.5855	241.7199	20.7990	38.9165	50.6949	0.6889
27/07/2019	93.8953	0.7244	0.2391	0.9635	4.5774	241.3075	21.8080	38.9097	50.6812	0.6331
28/07/2019	93.9143	0.7713	0.2468	1.0181	4.5558	243.3272	22.1558	38.8905	50.6721	0.5327
29/07/2019	94.0089	0.7584	0.2406	0.9990	4.4927	243.4177	23.0178	38.8691	50.6566	0.4477
30/07/2019	93.9982	0.7557	0.2477	1.0034	4.4829	244.7990	22.4924	38.8695	50.6541	0.5043
31/07/2019	94.0694	0.7144	0.2590	0.9734	4.3931	243.7175	21.7396	38.8527	50.6576	0.3828

Mínimo	92.9566	0.6160	0.1774	0.8061	4.3931	234.4452	13.0013	38.8342	50.6151	0.0018
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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 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)
01/07/2019	93.7643	0.6731	0.2147	0.8878	4.6610	221.6589	24.5193	39.2273	50.9654	0.7667		
02/07/2019	93.7915	0.6650	0.2217	0.8867	4.6394	223.9482	24.4799	39.2191	50.9629	0.7505		
03/07/2019	93.3729	0.6709	0.2108	0.8816	5.0336	223.3423	23.3914	39.3521	51.0391	0.8162		
04/07/2019	93.5550	0.6800	0.2251	0.9051	4.8939	223.6323	23.6938	39.2615	50.9753	0.8764		
05/07/2019	93.5200	0.7259	0.2396	0.9655	4.8931	227.8270	25.0782	39.2242	50.9160	0.9145		
06/07/2019	93.4433	0.7370	0.2455	0.9825	4.9534	225.1600	24.5462	39.2346	50.9115	0.8413		
07/07/2019	93.5608	0.7513	0.2495	1.0008	4.8700	226.2654	26.1999	39.1713	50.8641	0.8308		
08/07/2019	93.5052	0.7422	0.2503	0.9925	4.9287	228.3770	25.5693	39.1939	50.8829	0.8042		
09/07/2019	93.5699	0.7296	0.2442	0.9738	4.8432	228.4044	25.6214	39.2018	50.8986	0.8198		
10/07/2019	93.3338	0.7213	0.2437	0.9651	5.0678	228.5092	24.6913	39.2813	50.9496	0.0000		
11/07/2019	93.1463	0.6811	0.2271	0.9082	5.1518	226.6108	23.0779	39.4271	51.0666	0.9666		
12/07/2019	93.1167	0.6700	0.2317	0.9017	5.1848	228.0021	22.7837	39.4417	51.0804	1.0445		
13/07/2019	93.6084	0.6836	0.2398	0.9234	4.9459	226.4506	23.3220	39.1939	50.9284	1.2198		
14/07/2019	93.7057	0.7164	0.2539	0.9703	4.8999	227.1432	26.3340	39.1019	50.8476	1.1096		
15/07/2019	93.6523	0.7034	0.2441	0.9476	4.9319	227.9438	25.4302	39.1474	50.8867	0.9425		
16/07/2019	93.5479	0.6847	0.2266	0.9112	5.0513	227.6575	24.4394	39.2082	50.9420	1.0076		
17/07/2019	93.4469	0.7007	0.2352	0.9359	5.1561	229.2201	25.5683	39.2102	50.9283	1.0163		
18/07/2019	93.4433	0.7021	0.2286	0.9307	5.1453	230.8736	24.2394	39.2223	50.9370	0.9649		
19/07/2019	93.6948	0.7045	0.2475	0.9521	4.9095	231.4020	25.5647	39.1249	50.8717	0.8277		
20/07/2019	93.8643	0.7227	0.2536	0.9762	4.7412	230.6406	26.6550	39.0513	50.8148	0.8140		
21/07/2019	94.0258	0.7531	0.2747	1.0278	4.6509	229.6416	27.7911	38.9284	50.7148	0.8993		
22/07/2019	93.9986	0.7462	0.2621	1.0083	4.6952	228.7700	26.6829	38.9502	50.7377	0.8982		
23/07/2019	94.0345	0.7814	0.2576	1.0391	4.6335	232.3957	26.2109	38.9197	50.6980	0.8426		
24/07/2019	93.9222	0.7751	0.2563	1.0314	4.7438	229.9598	24.8574	38.9592	50.7254	0.9111		
25/07/2019	94.0506	0.7520	0.2487	1.0007	4.6620	227.8497	25.7603	38.9359	50.7316	0.9096		
26/07/2019	94.0889	0.7401	0.2526	0.9927	4.6223	228.2093	27.1810	38.9336	50.7368	0.8399		
27/07/2019	94.0553	0.7907	0.2568	1.0476	4.5977	231.8417	28.0873	38.9110	50.6869	0.8241		
28/07/2019	94.1284	0.7784	0.2560	1.0344	4.5594	232.8124	28.9075	38.8901	50.6840	0.7532		
29/07/2019	94.1338	0.7729	0.2593	1.0322	4.5400	235.5923	27.9420	38.8971	50.6902	0.7438		
30/07/2019	94.2272	0.7504	0.2738	1.0242	4.4448	234.0573	27.2180	38.8792	50.6890	0.6499		
31/07/2019	94.0992	0.7553	0.2694	1.0247	4.5818	231.5062	25.8326	38.9099	50.7051	0.6354		

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

Mínimo	93.1167	0.6650	0.2108	0.8816	4.4448	221.6589	22.7837	38.8792	50.6840	0.0000		
Promedio	93.7228	0.7246	0.2452	0.9697	4.8269	228.5711	25.5379	39.1165	50.8538	0.8465		
Máximo	94.2272	0.7907	0.2747	1.0476	5.1848	235.5923	28.9075	39.4417	51.0804	1.2198		
Desv. Est.	0.307390261	0.03728927	0.016245553	0.051587273	0.209242619	3.180646909	1.554074049	0.167689644	0.122897995	0.19997224		

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 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)
01/07/2019	93.8635	0.7095	0.2275	0.9370	4.7554	224.2534	29.8287	39.2809	50.9948	1.0013
02/07/2019	93.9504	0.7189	0.2313	0.9502	4.8236	230.1828	27.3492	39.3406	51.0737	0.9103
03/07/2019	93.5813	0.6905	0.2178	0.9083	5.2603	228.6276	24.7202	39.4147	51.0761	0.9494
04/07/2019	93.7458	0.7504	0.2441	0.9945	5.0264	229.1740	26.4037	39.3507	51.0401	1.1503
05/07/2019	93.5905	0.7624	0.2524	1.0148	5.0169	230.9515	27.3017	39.2669	50.9561	1.1358
06/07/2019	93.5684	0.7691	0.2536	1.0228	5.1229	228.4919	27.2751	39.2941	50.9496	0.9915
07/07/2019	93.7214	0.7809	0.2657	1.0466	4.9279	229.5118	27.9980	39.2220	50.9038	1.0342
08/07/2019	93.6585	0.7834	0.2622	1.0456	5.2188	231.1986	27.5834	39.3071	50.9837	1.0171
09/07/2019	93.7277	0.7470	0.2508	0.9977	5.0122	229.7367	27.8512	39.2705	50.9448	1.0881
10/07/2019	93.5782	0.8170	0.2555	1.0725	5.2303	231.1917	27.7127	39.4424	51.0719	0.0000
11/07/2019	93.2378	0.6967	0.2354	0.9321	5.2193	229.1881	24.6111	39.4649	51.0915	1.1845
12/07/2019	93.2674	0.6984	0.2436	0.9421	5.3052	229.8609	23.8315	39.4839	51.1277	1.2190
13/07/2019	93.8461	0.7374	0.2574	0.9949	5.1416	229.7727	26.4574	39.3912	51.0609	1.4964
14/07/2019	93.8243	0.7342	0.2594	0.9936	4.9535	232.4522	28.1913	39.1212	50.8637	1.3450
15/07/2019	93.7453	0.7582	0.2535	1.0117	5.0504	230.8268	27.5456	39.2181	50.9592	1.1396
16/07/2019	93.6035	0.7022	0.2356	0.9378	5.0961	232.2618	25.3879	39.2457	50.9770	1.2043
17/07/2019	93.5546	0.7116	0.2391	0.9507	5.3573	233.8247	26.5388	39.2725	50.9656	1.3516
18/07/2019	93.5495	0.7649	0.2385	1.0034	5.2117	233.9623	26.7071	39.2791	50.9917	1.3333
19/07/2019	93.8979	0.7431	0.2638	1.0069	5.1020	235.9012	28.7664	39.1912	50.9187	1.0790
20/07/2019	93.9415	0.7623	0.2629	1.0252	4.8671	234.1256	28.9098	39.1119	50.8748	1.0514
21/07/2019	94.2285	0.8056	0.2985	1.1041	4.9070	231.7034	30.2449	39.0379	50.7901	1.1194
22/07/2019	94.1984	0.7695	0.2774	1.0469	4.7859	230.5637	29.0087	38.9751	50.7720	1.1655
23/07/2019	94.1394	0.8065	0.2694	1.0759	4.7798	234.0555	27.7621	38.9488	50.7459	1.2634
24/07/2019	94.0536	0.8009	0.2616	1.0625	5.0031	233.9526	26.8409	39.0251	50.7580	1.1709
25/07/2019	94.1336	0.7761	0.2554	1.0315	4.7563	230.4014	27.2313	38.9658	50.7582	1.1101
26/07/2019	94.1653	0.7885	0.2678	1.0563	4.6981	230.9489	28.2763	38.9601	50.7689	1.0723
27/07/2019	94.1476	0.8061	0.2627	1.0688	4.6941	235.1364	28.9038	39.0032	50.7358	1.0411
28/07/2019	94.2415	0.8102	0.2662	1.0764	4.6434	235.4995	30.7838	38.9133	50.7149	0.9923
29/07/2019	94.2080	0.7980	0.2716	1.0695	4.6363	237.4249	30.1195	38.9396	50.7284	0.9148
30/07/2019	94.3349	0.7842	0.2990	1.0832	4.5789	236.9823	28.1750	38.9351	50.7226	0.8318
31/07/2019	94.2056	0.7825	0.2789	1.0614	4.6563	233.9392	26.7256	38.9405	50.7349	0.9487
Máximo	94.3349	0.8170	0.2990	1.1041	5.3573	237.4249	30.7838	39.4839	51.1277	1.4964

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 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 Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01/07/2019	93.6295	0.6466	0.1916	0.8382	4.5521	216.5462	20.8127	39.1640	50.9073	0.5906
02/07/2019	93.6051	0.6168	0.2018	0.8186	4.4838	220.3494	21.7135	39.1044	50.8552	0.6091
03/07/2019	93.1537	0.6543	0.2025	0.8568	4.8526	220.7382	21.9560	39.2938	51.0028	0.5907
04/07/2019	93.3461	0.6410	0.2106	0.8516	4.7556	219.8983	21.2088	39.1403	50.8693	0.5509
05/07/2019	93.3951	0.6956	0.2274	0.9230	4.8187	225.5910	23.1359	39.1890	50.8727	0.5844
06/07/2019	93.2682	0.7033	0.2386	0.9419	4.8328	221.2226	21.4887	39.1865	50.8668	0.6307
07/07/2019	93.4608	0.7229	0.2417	0.9647	4.7775	219.7129	24.3748	39.0898	50.7967	0.5355
08/07/2019	93.2482	0.6921	0.2346	0.9266	4.8384	224.6101	24.7103	39.1091	50.8107	0.5310
09/07/2019	93.3884	0.7066	0.2376	0.9442	4.7276	226.0523	23.0592	39.1570	50.8608	0.5710
10/07/2019	93.0920	0.6883	0.2221	0.9104	4.8774	224.2785	22.3210	39.1325	50.7961	0.0000
11/07/2019	93.0535	0.6623	0.2210	0.8834	5.0525	223.3598	21.5573	39.3547	51.0140	0.4079
12/07/2019	92.9878	0.6398	0.2252	0.8650	5.0705	226.0458	21.6193	39.3493	51.0041	0.9160
13/07/2019	93.2467	0.6453	0.2239	0.8692	4.8034	223.3154	21.1160	39.0691	50.8302	0.9907
14/07/2019	93.6481	0.6902	0.2454	0.9356	4.8089	222.9751	24.4503	39.0727	50.8300	0.8934
15/07/2019	93.5375	0.6667	0.2283	0.8950	4.8383	224.1079	22.7073	39.0969	50.8314	0.7627
16/07/2019	93.4913	0.6679	0.2202	0.8882	4.9959	221.8643	23.3771	39.1767	50.9085	0.8061
17/07/2019	93.2393	0.6814	0.2244	0.9058	5.0451	224.9516	24.0349	39.1792	50.9036	0.7691
18/07/2019	93.3539	0.6605	0.2223	0.8828	5.0386	228.2632	22.3823	39.1474	50.8465	0.7244
19/07/2019	93.4884	0.6811	0.2345	0.9156	4.7356	228.5106	23.6461	39.0349	50.8098	0.5333
20/07/2019	93.7750	0.6862	0.2463	0.9325	4.6691	228.6809	25.3665	38.9842	50.7524	0.4143
21/07/2019	93.7522	0.7320	0.2581	0.9901	4.4723	227.1349	25.6209	38.8244	50.6123	0.6920
22/07/2019	93.9024	0.7258	0.2466	0.9724	4.5004	226.2886	24.6319	38.8900	50.7029	0.6351
23/07/2019	93.8989	0.7365	0.2441	0.9807	4.5369	228.7183	24.3984	38.8838	50.6572	0.5631
24/07/2019	93.6461	0.7484	0.2465	0.9949	4.6033	227.5045	22.0767	38.9196	50.6908	0.6077
25/07/2019	93.9501	0.7255	0.2384	0.9640	4.5648	225.4115	24.3948	38.9118	50.7032	0.5805
26/07/2019	94.0132	0.7158	0.2421	0.9579	4.5510	225.2068	25.8892	38.8958	50.6760	0.5810
27/07/2019	93.9349	0.7742	0.2508	1.0250	4.5207	229.8245	26.8888	38.8704	50.6590	0.6757
28/07/2019	94.0342	0.7546	0.2449	0.9995	4.4337	228.9676	27.3252	38.8514	50.6490	0.5881
29/07/2019	94.0339	0.7514	0.2462	0.9976	4.4433	233.7593	26.8122	38.8542	50.6460	0.4726
30/07/2019	94.0831	0.7133	0.2538	0.9671	4.3567	230.5595	26.2492	38.8403	50.6516	0.4854
31/07/2019	94.0255	0.7141	0.2579	0.9719	4.5092	228.9302	24.7066	38.8916	50.6818	0.4178
Mínimo	92.9878	0.6168	0.1916	0.8186	4.3567	216.5462	20.8127	38.8244	50.6123	0.0000

Observaciones: