

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Valores promedio diarios)



<b>PERMISIONARIO:</b>	<b>TERMINAL KMS DE GNL S. DE R.L DE C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>ESTACION DE MEDICION GUADALAJARA</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
10/1/2019	93.4659	0.0000	0.0279	0.0279	6.2717	451.4494	5.1411	39.7025	51.7804	0.0000	0.0000	0.0000
10/2/2019	93.6078	0.0000	0.0207	0.0207	6.1277	248.9981	5.4883	39.6700	51.7666	0.0000		
10/3/2019	93.9267	0.0000	0.0185	0.0185	5.8057	206.4917	5.3774	39.5847	51.7213	0.0000		
10/4/2019	93.9951	0.0000	0.0196	0.0196	5.7331	206.3771	5.2391	39.5659	51.7093	0.0000		
10/5/2019	94.2005	0.0000	0.0194	0.0194	5.5208	206.0715	5.1698	39.5117	51.6800	0.0000		
10/6/2019	94.2148	0.0000	0.0196	0.0196	5.5048	206.1006	4.9804	39.5076	51.6790	0.0000		
10/7/2019	94.3118	0.0000	0.0287	0.0287	5.3796	206.1397	5.5238	39.4809	51.6582	0.0000		
10/8/2019	94.6210	0.0000	0.0411	0.0411	5.0485	205.7833	5.8445	39.3914	51.6035	0.0000		
10/9/2019	94.6156	0.0000	0.0382	0.0382	5.0554	205.7567	6.4016	39.3953	51.6070	0.0000		
10/10/2019	94.5962	0.0000	0.0369	0.0369	5.0766	205.8654	5.5950	39.4027	51.6119	0.0000		
10/11/2019	94.5955	0.0000	0.0361	0.0361	5.0762	205.8819	5.3649	39.4028	51.6122	0.0000		
10/12/2019	94.5890	0.0000	0.0357	0.0357	5.0827	205.9154	5.3138	39.4054	51.6133	0.0000		
10/13/2019	94.5436	0.0000	0.0306	0.0306	5.1372	206.0713	5.1822	39.4252	51.6269	0.0000		
10/14/2019	94.5087	0.0000	0.0287	0.0287	5.1650	206.2320	5.7916	39.4344	51.6331	0.0000		
10/15/2019	94.5085	0.0000	0.0280	0.0280	5.1656	206.1805	5.6550	39.4351	51.6336	0.0000		
10/16/2019	94.0838	0.0000	0.0248	0.0248	5.6342	206.4272	5.0104	39.5403	51.6977	0.0000		
10/17/2019	93.8961	0.0000	0.0211	0.0211	5.8449	206.4805	5.2728	39.5876	51.7212	0.0000		
10/18/2019	93.9876	0.0000	0.0215	0.0215	5.7440	206.4422	5.3594	39.5654	51.7097	0.0000		
10/19/2019	93.9742	0.0000	0.0211	0.0211	5.7572	206.4763	5.4107	39.5697	51.7120	0.0000		
10/20/2019	93.9709	0.0000	0.0209	0.0209	5.7603	206.4906	5.0997	39.5709	51.7127	0.0000		
10/21/2019	93.9031	0.0000	0.0180	0.0180	5.8241	206.6932	5.2314	39.5932	51.7265	0.0000		
10/22/2019	93.9250	0.0000	0.0187	0.0187	5.8059	206.6316	5.2562	39.5864	51.7221	0.0000		
10/23/2019	93.9034	0.0000	0.0181	0.0181	5.8275	206.6924	5.2786	39.5515	51.7262	0.0000		
10/24/2019	93.8835	0.0000	0.0173	0.0173	5.8472	206.7594	5.4581	39.5872	51.7305	0.0000		
10/25/2019	94.3954	0.0000	0.0426	0.0426	5.3279	205.2192	5.6450	39.4311	51.5938	0.0000		
10/26/2019	95.1698	0.0000	0.0712	0.0712	4.5514	203.0868	6.2103	39.1828	51.4742	0.0000		
10/27/2019	95.1930	0.0000	0.0683	0.0683	4.5337	203.0330	6.0993	39.1776	51.4721	0.0000		
10/28/2019	95.1146	0.0000	0.0663	0.0663	4.6100	203.3065	6.0007	39.2027	51.4919	0.0000		
10/29/2019	95.0818	0.0000	0.0606	0.0606	4.6468	203.4280	6.3076	39.2164	51.5024	0.0000		
10/30/2019	95.0818	0.0000	0.0606	0.0606	4.6468	203.4280	6.3075	39.2164	51.5025	0.0000		
10/31/2019	95.0527	0.0000	0.0447	0.0447	4.6912	203.5757	6.2803	39.2364	51.5159	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.

<b>Mínimo</b>	93.4659	0.0000	0.0173	0.0173	4.5337	203.0330	4.9804	39.1776	51.4721	0.0000		
<b>Promedio</b>	94.3522	0.0000	0.0331	0.0331	5.3614	214.9511	5.5580	39.4559	51.6435	0.0000		
<b>Máximo</b>	95.1930	0.0000	0.0712	0.0712	6.2717	451.4494	6.4016	39.7025	51.7804	0.0000		
<b>Dev. Est.</b>	0.48696793	0	0.01655544	0.01655544	0.49561708	44.5938538	0.42431235	0.14878096	0.09003967	0		

Observaciones: \* Se detecta desviación en la calidad química para el parámetro de Temperatura de rocío el día 01, 02, derivado de mantenimientos programado al cromatografo de gas.  
\* Se realizó ajuste de cambio de horario de invierno el día 27.

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Registros máximos diarios)**



<b>PERMISIONARIO:</b>	<b>TERMINAL KMS DE GNL S. DE R.L DE C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>ESTACION DE MEDICION GUADALAJARA</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )
10/1/2019	93.4690	0.0000	0.0595	0.0595	6.2888	533.0023	6.7312	39.7030	51.7835	0.0000
10/2/2019	93.8685	0.0000	0.0258	0.0258	6.2707	533.0023	8.1272	39.7030	51.7835	0.0000
10/3/2019	93.9993	0.0000	0.0216	0.0216	5.8413	206.5811	8.1011	39.5949	51.7286	0.0000
10/4/2019	94.1535	0.0000	0.0281	0.0281	5.7757	206.4617	6.6431	39.5775	51.7173	0.0000
10/5/2019	94.2592	0.0000	0.0207	0.0207	5.5572	206.2051	6.3481	39.5213	51.6868	0.0000
10/6/2019	94.2607	0.0000	0.0208	0.0208	5.5623	206.3663	6.2213	39.5250	51.6961	0.0000
10/7/2019	94.5506	0.0000	0.0641	0.0641	5.6098	206.3920	8.1445	39.5410	51.6988	0.0000
10/8/2019	94.6391	0.0000	0.0427	0.0427	5.1013	205.9468	9.4291	39.4081	51.6098	0.0000
10/9/2019	94.6306	0.0000	0.0403	0.0403	5.0718	205.8785	8.9764	39.4012	51.6118	0.0000
10/10/2019	94.6687	0.0000	0.0461	0.0461	5.0952	205.9932	6.5114	39.4092	51.6185	0.0000
10/11/2019	94.6090	0.0000	0.0374	0.0374	5.0879	206.0186	8.2454	39.4064	51.6151	0.0000
10/12/2019	94.6056	0.0000	0.0370	0.0370	5.1006	206.0280	6.8246	39.4115	51.6183	0.0000
10/13/2019	94.7686	0.0000	0.0346	0.0346	5.1528	206.2276	6.8337	39.4309	51.6308	0.0000
10/14/2019	94.5206	0.0000	0.0294	0.0294	5.1769	207.0324	6.9823	39.4381	51.6351	0.0000
10/15/2019	94.5263	0.0000	0.0286	0.0286	5.1770	206.2899	6.7521	39.4382	51.6360	0.0000
10/16/2019	94.5148	0.0000	0.0456	0.0456	6.0261	206.6488	6.6158	39.6301	51.7486	0.0000
10/17/2019	94.0169	0.0000	0.0229	0.0229	5.9622	206.5847	6.3565	39.6175	51.7355	0.0000
10/18/2019	93.9967	0.0000	0.0219	0.0219	5.7504	206.4914	6.4852	39.5675	51.7128	0.0000
10/19/2019	93.9892	0.0000	0.0217	0.0217	5.7646	206.5164	6.5518	39.5724	51.7180	0.0000
10/20/2019	93.9904	0.0000	0.0216	0.0216	5.7779	206.5441	6.5468	39.5768	51.7159	0.0000
10/21/2019	93.9324	0.0000	0.0193	0.0193	5.8425	206.7312	6.5594	39.5972	51.7291	0.0000
10/22/2019	93.9586	0.0000	0.0204	0.0204	5.8302	206.7144	6.4772	39.5939	51.7270	0.0000
10/23/2019	93.9192	0.0000	0.0188	0.0188	5.8453	206.7411	6.5374	39.5986	51.7298	0.0000
10/24/2019	93.8912	0.0000	0.0177	0.0177	5.8671	206.8104	6.5140	39.6059	51.7341	0.0000
10/25/2019	95.0599	0.0000	0.1088	0.1088	5.8655	206.8028	6.9908	39.6052	51.7340	0.0000
10/26/2019	95.2102	0.0000	0.0749	0.0749	4.6636	203.4016	7.2941	39.2161	51.4920	0.0000
10/27/2019	95.2042	0.0000	0.0707	0.0707	4.5730	203.1930	7.1264	39.1924	51.4819	0.0000
10/28/2019	95.1600	0.0000	0.2840	0.2840	4.6270	203.4069	7.2086	39.2126	51.5003	0.0000
10/29/2019	95.1074	0.0000	0.2189	0.2189	4.6513	203.4834	7.1525	39.2212	51.5056	0.0000
10/30/2019	95.1074	0.0000	0.2189	0.2189	4.6513	203.4840	7.1525	39.2212	51.5060	0.0000
10/31/2019	95.0776	0.0000	0.0469	0.0469	4.7055	203.6592	7.2828	39.2413	51.5209	0.0000
<b>Máximo</b>	95.2102	0.0000	0.2840	0.2840	6.2888	533.0023	9.4291	39.7030	51.7835	0.0000

Observaciones: \* Se detecta desviación en la calidad química para el parámetro de Temperatura de rocío el día 01, 02, derivado de mantenimientos programado al cromatógrafo de gas.  
\* Se realizó ajuste de cambio de horario de invierno el día 27.

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Registros mínimos diarios)**



<b>PERMISIONARIO:</b>	<b>TERMINAL KMS DE GNL S. DE R.L DE C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>ESTACION DE MEDICION GUADALAJARA</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )
10/1/2019	93.4292	0.0000	0.0258	0.0258	6.2707	207.2358	3.3716	39.6920	51.7097	0.0000
10/2/2019	93.4690	0.0000	0.0172	0.0172	5.8572	206.6213	3.6468	39.6030	51.7298	0.0000
10/3/2019	93.8922	0.0000	0.0179	0.0179	5.7316	206.2640	3.4407	39.5640	51.7085	0.0000
10/4/2019	93.9553	0.0000	0.0181	0.0181	5.5694	206.1753	3.5084	39.5243	51.6861	0.0000
10/5/2019	94.1652	0.0000	0.0185	0.0185	5.4612	205.1670	3.5253	39.4940	51.6693	0.0000
10/6/2019	94.1590	0.0000	0.0178	0.0178	5.4597	205.9538	3.4081	39.4936	51.6691	0.0000
10/7/2019	94.0774	0.0000	0.0160	0.0160	5.1217	205.7883	3.6748	39.4052	51.6167	0.0000
10/8/2019	94.5696	0.0000	0.0376	0.0376	5.0304	205.6089	3.6406	39.3853	51.5991	0.0000
10/9/2019	94.5999	0.0000	0.0366	0.0366	5.0401	205.6081	3.7063	39.3891	51.6017	0.0000
10/10/2019	94.5765	0.0000	0.0353	0.0353	5.0538	205.6712	3.8456	39.3946	51.6068	0.0000
10/11/2019	94.5841	0.0000	0.0353	0.0353	5.0633	205.7266	3.8277	39.3984	51.6070	0.0000
10/12/2019	94.5719	0.0000	0.0341	0.0341	5.0660	205.7350	3.6634	39.3991	51.6075	0.0000
10/13/2019	94.5200	0.0000	0.0292	0.0292	5.0900	205.1751	3.6455	39.4087	51.6169	0.0000
10/14/2019	94.4975	0.0000	0.0280	0.0280	5.1530	206.0306	3.6840	39.4307	51.6310	0.0000
10/15/2019	94.4981	0.0000	0.0276	0.0276	5.1475	206.0258	3.9497	39.4296	51.6310	0.0000
10/16/2019	93.7320	0.0000	0.0181	0.0181	5.1585	206.2184	3.2897	39.4335	51.6332	0.0000
10/17/2019	93.7869	0.0000	0.0188	0.0188	5.7139	206.3755	3.6770	39.5560	51.7028	0.0000
10/18/2019	93.9812	0.0000	0.0212	0.0212	5.7348	206.4078	3.8614	39.5624	51.7075	0.0000
10/19/2019	93.9667	0.0000	0.0207	0.0207	5.7421	206.3725	3.8238	39.5649	51.7081	0.0000
10/20/2019	93.9532	0.0000	0.0202	0.0202	5.7411	206.4271	3.7047	39.5646	51.7088	0.0000
10/21/2019	93.8890	0.0000	0.0177	0.0177	5.7384	206.5741	3.7725	39.5836	51.7240	0.0000
10/22/2019	93.9009	0.0000	0.0177	0.0177	5.7725	206.4378	3.8974	39.5750	51.7138	0.0000
10/23/2019	93.8857	0.0000	0.0176	0.0176	5.8118	206.6269	3.8822	38.5971	51.7221	0.0000
10/24/2019	93.8637	0.0000	0.0167	0.0167	5.8365	206.6530	4.1146	39.3007	51.7281	0.0000
10/25/2019	93.8575	0.0000	0.0168	0.0168	4.6470	203.3122	4.2064	39.1970	51.1485	0.0000
10/26/2019	95.0522	0.0000	0.0658	0.0658	4.5116	202.9139	4.7205	39.1701	51.4622	0.0000
10/27/2019	95.1578	0.0000	0.0623	0.0623	4.5207	202.9580	4.7023	39.1727	51.4685	0.0000
10/28/2019	94.8883	0.0000	0.0538	0.0538	4.5712	203.1688	4.4034	39.1228	51.4398	0.0000
10/29/2019	94.9259	0.0000	0.0512	0.0512	4.6298	203.3226	4.3960	39.1558	51.4989	0.0000
10/30/2019	94.9259	0.0000	0.0512	0.0512	4.6298	203.3226	4.3960	39.1558	51.4989	0.0000
10/31/2019	95.0384	0.0000	0.0428	0.0428	4.6752	203.4331	4.7451	39.2307	51.5103	0.0000

<b>Mínimo</b>	93.4292	0.0000	0.0160	0.0160	4.5116	202.9139	3.2897	38.5971	51.1485	0.0000
---------------	---------	--------	--------	--------	--------	----------	--------	---------	---------	--------

Observaciones:

- \* Se detecta desviación en la calidad química para el parámetro de Temperatura de rocío el día 01, 02, derivado de mantenimientos programado al cromatografo de gas.
- \* Se realizó ajuste de cambio de horario de invierno el día 27.

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Valores promedio diarios)



<b>PERMISIONARIO:</b>	<b>TERMINAL KMS DE GNL S. DE R.L DE C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>ESTACION DE MEDICION MANZANILLO</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
10/1/2019	93.5011	0.0000	0.0175	0.0175	6.2370	207.2954	6.8193	39.7021	51.7848	0.0000	0.0000	0.0000
10/2/2019	93.6541	0.0000	0.0148	0.0148	6.0835	206.9663	7.3431	39.6619	51.7647	0.0000		
10/3/2019	93.9418	0.0000	0.0156	0.0156	5.7846	206.5069	7.1395	39.5845	51.7226	0.0000		
10/4/2019	94.0112	0.0000	0.0155	0.0155	5.7123	206.3936	7.1276	39.5663	51.7121	0.0000		
10/5/2019	94.2156	0.0000	0.0166	0.0166	5.4996	206.0891	7.6821	39.5111	51.6813	0.0000		
10/6/2019	94.2290	0.0000	0.0169	0.0169	5.4858	206.0819	7.2363	39.5072	51.6796	0.0000		
10/7/2019	94.1337	0.0000	0.0136	0.0136	5.5807	384.1491	7.7864	39.5379	51.6976	0.0000		
10/8/2019	94.5802	0.0000	0.0414	0.0414	5.0905	286.6994	7.8041	39.4021	51.6976	0.0000		
10/9/2019	94.6232	0.0000	0.0386	0.0386	5.0429	211.1721	7.9823	39.3931	51.6240	0.0000		
10/10/2019	94.6056	0.0000	0.0359	0.0359	5.0592	205.6919	7.8190	39.4008	51.6106	0.0000		
10/11/2019	94.6076	0.0000	0.0345	0.0345	5.0571	205.6945	8.1457	39.4016	51.6114	0.0000		
10/12/2019	94.6054	0.0000	0.0340	0.0340	5.0605	205.6946	7.7882	39.4025	51.6122	0.0000		
10/13/2019	94.5446	0.0000	0.0283	0.0283	5.1228	205.9170	7.5792	39.4250	51.6274	0.0000		
10/14/2019	94.5234	0.0000	0.0262	0.0262	5.1448	205.9696	7.8202	39.4329	51.6324	0.0000		
10/15/2019	94.5206	0.0000	0.0253	0.0253	5.1479	205.9959	7.9121	39.4346	51.6337	0.0000		
10/16/2019	94.1046	0.0000	0.0219	0.0219	5.6084	206.3468	7.6933	39.5372	51.6966	0.0000		
10/17/2019	93.9175	0.0000	0.0181	0.0181	5.8187	206.4382	7.6429	39.5851	51.7205	0.0000		
10/18/2019	94.0018	0.0000	0.0184	0.0184	5.7255	206.3965	8.0231	39.5645	51.7099	0.0000		
10/19/2019	93.9919	0.0000	0.0179	0.0179	5.7352	206.3901	7.3961	39.5678	51.7113	0.0000		
10/20/2019	93.9878	0.0000	0.0178	0.0178	5.7393	206.4225	7.8966	39.5692	51.7126	0.0000		
10/21/2019	93.9194	0.0000	0.0148	0.0148	5.8081	206.6223	7.7413	39.5918	51.7265	0.0000		
10/22/2019	93.9361	0.0000	0.0155	0.0155	5.7906	206.5705	7.7574	39.5863	51.7228	0.0000		
10/23/2019	93.9210	0.0000	0.0149	0.0149	5.8060	206.6081	7.7016	39.5912	51.7256	0.0000		
10/24/2019	93.9029	0.0000	0.0142	0.0142	5.8242	206.6493	7.4758	39.5969	51.7294	0.0000		
10/25/2019	94.3734	0.0000	0.0409	0.0409	5.3040	205.1779	7.8325	39.4274	51.6189	0.0000		
10/26/2019	95.1796	0.0000	0.0701	0.0701	4.5387	202.9893	8.6335	39.1811	51.4715	0.0000		
10/27/2019	95.2035	0.0000	0.0672	0.0672	4.5186	202.9435	8.9242	39.1760	51.4709	0.0000		
10/28/2019	95.1243	0.0000	0.0654	0.0654	4.5955	203.1910	8.9913	39.2010	51.4907	0.0000		
10/29/2019	95.0966	0.0000	0.0594	0.0594	4.6276	203.3761	8.7496	39.2136	51.5007	0.0000		
10/30/2019	95.0639	0.0000	0.0425	0.0425	4.6753	203.4352	8.6611	39.2347	51.5153	0.0000		
10/31/2019	95.0670	0.0000	0.0431	0.0431	4.6717	203.4261	8.8207	39.2335	51.5143	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.

<b>Mínimo</b>	93.5011	0.0000	0.0136	0.0136	4.5186	202.9435	6.8193	39.1760	51.4709	0.0000		
<b>Promedio</b>	94.3577	0.0000	0.0296	0.0296	5.3515	214.1710	7.8686	39.4587	51.6493	0.0000		
<b>Máximo</b>	95.2035	0.0000	0.0701	0.0701	6.2370	384.1491	8.9913	39.7021	51.7848	0.0000		
<b>Dev. Est.</b>	0.48138484	3.301E-06	0.01717395	0.01717395	0.49028617	34.7655225	0.54474003	0.14971677	0.09013569	0		

Observaciones: \* Se detecta desviación en la calidad química para el parámetro de Temperatura de rocío el día 07, 08, 09, derivado de mantenimientos programado al cromatógrafo de gas. \*- Durante los días 16, 17, 21, 22, 23, se detectan desviaciones en la calidad química para el parámetro de Bióxido de Carbono por razones operativas del cromatógrafo de gas, sin embargo no queda fuera de la especificación conforme a normativa.  
\*Se realizó ajuste de horario de invierno el día 27.

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Registros máximos diarios)**



<b>PERMISIONARIO:</b>	<b>TERMINAL KMS DE GNL S. DE R.L DE C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>ESTACION DE MEDICION MANZANILLO</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )
10/1/2019	93.5553	0.0000	0.0478	0.0478	6.2767	208.1465	8.3967	39.7152	51.7965	0.0000
10/2/2019	93.8779	0.0000	0.0169	0.0169	6.1967	207.1975	9.3131	39.6941	51.7837	0.0000
10/3/2019	94.0126	0.0000	0.0190	0.0190	5.8211	206.5941	8.9591	39.5934	51.7295	0.0000
10/4/2019	94.1672	0.0000	0.0164	0.0164	5.7549	206.4837	8.2950	39.5774	51.7202	0.0000
10/5/2019	94.2752	0.0000	0.0181	0.0181	5.5354	206.1716	8.6073	39.5205	51.6866	0.0000
10/6/2019	94.2737	0.0000	0.0180	0.0180	5.5446	206.3732	8.1098	39.5255	51.6991	0.0000
10/7/2019	94.1339	0.0000	0.0136	0.0136	5.5843	533.9074	9.7746	39.5389	51.6976	0.0000
10/8/2019	94.5989	0.0000	0.0426	0.0426	5.5630	390.7033	10.0873	39.5344	51.6976	0.0000
10/9/2019	94.6460	0.0000	0.0426	0.0426	5.0700	274.4991	9.5081	39.3979	51.6976	0.0000
10/10/2019	94.6285	0.0000	0.0462	0.0462	5.0755	206.3723	8.8513	39.4065	51.6152	0.0000
10/11/2019	94.6193	0.0000	0.0359	0.0359	5.0714	205.7660	10.1559	39.4059	51.6145	0.0000
10/12/2019	94.6199	0.0000	0.0355	0.0355	5.0793	205.7901	8.7366	39.4095	51.6164	0.0000
10/13/2019	94.5940	0.0000	0.0326	0.0326	5.1386	206.0344	8.5822	39.4313	51.6321	0.0000
10/14/2019	94.5344	0.0000	0.0271	0.0271	5.1575	206.0427	9.4327	39.4366	51.6350	0.0000
10/15/2019	94.5389	0.0000	0.0261	0.0261	5.1594	206.1105	9.1858	39.4384	51.6361	0.0000
10/16/2019	94.5295	0.0001	0.0489	0.0489	5.9900	206.6581	9.2555	39.6250	51.7481	0.0000
10/17/2019	94.0398	0.0001	0.0199	0.0199	5.9345	206.5774	8.7173	39.6151	51.7365	0.0000
10/18/2019	94.0108	0.0000	0.0188	0.0188	5.7330	206.4529	8.7674	39.5671	51.7129	0.0000
10/19/2019	94.0052	0.0000	0.0186	0.0186	5.7426	206.4597	8.4648	39.5704	51.7141	0.0000
10/20/2019	94.0071	0.0000	0.0185	0.0185	5.7578	206.5061	8.7503	39.5755	51.7161	0.0000
10/21/2019	93.9510	0.0001	0.0161	0.0161	5.8238	206.7082	8.6032	39.5962	51.7290	0.0000
10/22/2019	93.9678	0.0001	0.0171	0.0171	5.8138	206.6726	8.6895	39.5932	51.7274	0.0000
10/23/2019	93.9391	0.0001	0.0158	0.0158	5.8229	206.7049	8.5967	39.5960	51.7293	0.0000
10/24/2019	93.9089	0.0000	0.0146	0.0146	5.8427	206.7123	8.4889	39.6027	51.7324	0.0000
10/25/2019	95.0739	0.0000	0.1050	0.1050	5.8440	206.7539	9.4985	39.6030	51.7326	0.0000
10/26/2019	95.2176	0.0000	0.0746	0.0746	4.6495	203.3209	9.7455	39.2142	51.4889	0.0000
10/27/2019	95.2154	0.0000	0.0706	0.0706	4.5586	203.0811	9.8675	39.1910	51.4812	0.0000
10/28/2019	95.1726	0.0000	0.3029	0.3029	4.6131	203.2569	9.6848	39.2105	51.4981	0.0000
10/29/2019	95.1208	0.0000	0.2259	0.2259	4.6326	204.3410	9.7884	39.2180	51.5032	0.0000
10/30/2019	95.0757	0.0000	0.0454	0.0454	4.6861	203.5128	9.6477	39.2382	51.5191	0.0000
10/31/2019	95.0833	0.0000	0.0452	0.0452	4.6872	203.4853	9.6071	39.2393	51.5196	0.0000
<b>Máximo</b>	95.2176	0.0001	0.3029	0.3029	6.2767	533.9074	10.1559	39.7152	51.7965	0.0000

Observaciones:

\* Se detecta desviación en la calidad química para el parámetro de Temperatura de rocío el día 07, 08, 09, derivado de mantenimientos programado al cromatógrafo de gas.  
 \*.- Durante los días 16, 17, 21, 22, 23, se detectan desviaciones en la calidad química para el parámetro de Bióxido de Carbono por razones operativas del cromatógrafo de gas, sin embargo no queda fuera de la especificación conforme a normativa. \*Se realizó ajuste de cambio de horario de invierno el día 27.

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Registros mínimos diarios)**



<b>PERMISIONARIO:</b>	<b>TERMINAL KMS DE GNL S. DE R.L DE C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>ESTACION DE MEDICION MANZANILLO</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )
10/1/2019	93.4513	0.0000	0.0134	0.0134	6.1844	207.1567	5.4465	39.6894	51.7112	0.0000
10/2/2019	93.5433	0.0000	0.0130	0.0130	5.8519	206.5600	6.0468	39.6010	51.7279	0.0000
10/3/2019	93.9074	0.0000	0.0149	0.0149	5.7123	206.3616	5.7012	39.5643	51.7110	0.0000
10/4/2019	93.9701	0.0000	0.0152	0.0152	5.5497	206.1466	6.0624	39.5245	51.6865	0.0000
10/5/2019	94.1811	0.0000	0.0158	0.0158	5.4393	205.9609	6.4452	39.4931	51.6707	0.0000
10/6/2019	94.1706	0.0000	0.0150	0.0150	5.4407	205.9620	6.0473	39.4937	51.6707	0.0000
10/7/2019	94.1303	0.0000	0.0134	0.0134	5.5806	206.3708	6.3907	39.5379	51.6976	0.0000
10/8/2019	94.1499	0.0000	0.0146	0.0146	5.0700	243.7561	6.3125	39.3964	51.6976	0.0000
10/9/2019	94.5989	0.0000	0.0355	0.0355	5.0194	205.4254	6.7707	39.3853	51.5985	0.0000
10/10/2019	94.5906	0.0000	0.0341	0.0341	5.0361	205.5148	6.4216	39.3928	51.6040	0.0000
10/11/2019	94.5942	0.0000	0.0319	0.0319	5.0456	205.6055	6.7010	39.3970	51.6062	0.0000
10/12/2019	94.5868	0.0000	0.0322	0.0322	5.0452	205.5629	6.4804	39.3972	51.6057	0.0000
10/13/2019	94.5291	0.0000	0.0265	0.0265	5.0720	205.7578	6.3573	39.4073	51.6163	0.0000
10/14/2019	94.5111	0.0000	0.0257	0.0257	5.1336	205.8860	6.8868	39.4290	51.6300	0.0000
10/15/2019	94.5091	0.0000	0.0249	0.0249	5.1291	205.8805	6.8745	39.4287	51.6294	0.0000
10/16/2019	93.7631	0.0000	0.0152	0.0152	5.1391	205.9946	5.7873	39.4320	51.6329	0.0000
10/17/2019	93.8094	0.0000	0.0157	0.0157	5.6874	206.2970	6.3429	39.5521	51.7024	0.0000
10/18/2019	93.9943	0.0000	0.0181	0.0181	5.7167	206.2964	7.2511	39.5614	51.7067	0.0000
10/19/2019	93.9844	0.0000	0.0175	0.0175	5.7218	206.3077	6.2142	39.5637	51.7079	0.0000
10/20/2019	93.9692	0.0000	0.0170	0.0170	5.7199	206.3238	6.9608	39.5629	51.7081	0.0000
10/21/2019	93.9036	0.0000	0.0144	0.0144	5.7762	206.5325	6.3304	39.5813	51.7231	0.0000
10/22/2019	93.9134	0.0000	0.0147	0.0147	5.7594	206.4172	6.6747	39.5754	51.7142	0.0000
10/23/2019	93.9044	0.0000	0.0145	0.0145	5.7880	206.4953	6.2193	39.5849	51.7197	0.0000
10/24/2019	93.8843	0.0000	0.0137	0.0137	5.8180	206.5776	6.2785	39.5946	51.7262	0.0000
10/25/2019	93.8791	0.0000	0.0136	0.0136	4.6290	203.2290	6.1274	39.1952	51.4784	0.0000
10/26/2019	95.0627	0.0000	0.0651	0.0651	4.5012	202.8162	7.5967	39.1685	51.4623	0.0000
10/27/2019	95.1681	0.0000	0.0608	0.0608	4.5050	202.8447	7.8841	39.1708	51.4662	0.0000
10/28/2019	94.8787	0.0000	0.0515	0.0515	4.5541	203.1051	7.7593	39.1136	51.4353	0.0000
10/29/2019	94.9312	0.0000	0.0494	0.0494	4.6120	203.2033	7.7249	39.1503	51.4977	0.0000
10/30/2019	95.0546	0.0000	0.0411	0.0411	4.6611	203.3586	7.3678	39.2293	51.5131	0.0000
10/31/2019	95.0527	0.0000	0.0410	0.0410	4.6543	203.3273	7.7803	39.2274	51.5087	0.0000

<b>Mínimo</b>	93.4513	0.0000	0.0130	0.0130	4.5012	202.8162	5.4465	39.1136	51.4353	0.0000
---------------	---------	--------	--------	--------	--------	----------	--------	---------	---------	--------

Observaciones: \* Se detecta desviación en la calidad química para el parámetro de Temperatura de rocío el día 07, 08, 09, derivado de mantenimientos programado al cromatógrafo de gas.  
 \*.- Durante los días 16, 17, 21, 22, 23, se detectan desviaciones en la calidad química para el parámetro de Bióxido de Carbono por razones operativas del cromatógrafo de gas, sin embargo no queda fuera de la especificación conforme a normativa. \*Se realizó ajuste de cambio de horario de invierno el día 27.