

**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)
01/04/2016	89.7472	0.0000	0.4433	0.4433	9.6920	213.8877	1.3979	40.4664	52.0081	0.0000	0.0000	0.0000
02/04/2016	89.7184	0.0000	0.4225	0.4225	9.7409	214.0108	1.6546	40.4936	52.0394	0.0000		
03/04/2016	94.1242	0.0000	0.3475	0.3475	5.4444	210.3207	4.7867	41.3924	51.4902	0.0000		
04/04/2016	97.8174	0.0000	0.2321	0.2321	1.9276	245.1839	6.9669	38.2617	50.8830	0.0000		
05/04/2016	97.8929	0.0000	0.1951	0.1951	1.8896	257.6154	7.6484	38.2644	50.9037	0.0000		
06/04/2016	97.8973	0.0000	0.1756	0.1756	1.9044	254.8862	7.7292	38.2762	50.9181	0.0000		
07/04/2016	97.8965	0.0000	0.1632	0.1632	1.9175	263.7215	7.4985	38.2847	50.9298	0.0000		
08/04/2016	93.2585	0.0000	0.4150	0.4150	6.2334	224.3635	3.2722	39.4724	51.4469	0.0000		
09/04/2016	91.8282	0.0000	0.4773	0.4773	7.5793	209.0705	2.8874	39.8487	51.6515	0.0000		
10/04/2016	92.9925	0.0000	0.4172	0.4172	6.4930	206.4780	3.6258	39.5486	51.5170	0.0000		
11/04/2016	93.2419	0.0000	0.3772	0.3772	6.2869	205.9752	3.7465	39.5024	51.5105	0.0000		
12/04/2016	93.2721	0.0000	0.3534	0.3534	6.2807	205.9704	3.5727	39.5095	51.5248	0.0000		
13/04/2016	93.2485	0.0000	0.3095	0.3095	6.3472	206.1518	3.9090	39.5458	51.5659	0.0000		
14/04/2016	91.4891	0.0000	0.4172	0.4172	7.9885	210.8534	2.3727	39.9850	51.7627	0.0000		
15/04/2016	90.7621	0.0000	0.4477	0.4477	8.6807	211.6345	1.9648	40.1740	51.8506	0.0000		
16/04/2016	90.9336	0.0000	0.4033	0.4033	8.5543	211.3769	1.6281	40.1538	51.8605	0.0000		
17/04/2016	90.4379	0.0000	0.4978	0.4978	8.9560	212.2523	1.5211	40.2335	51.8611	0.0000		
18/04/2016	90.3374	0.0000	0.5565	0.5565	8.9985	212.3054	1.6994	40.2232	51.8288	0.0000		
19/04/2016	90.3511	0.0000	0.5234	0.5234	9.0173	212.9041	1.5978	40.2415	51.8553	0.0000		
20/04/2016	90.3380	0.0000	0.4585	0.4585	9.0946	212.5526	1.1560	40.2886	51.9111	0.0000		
21/04/2016	90.3312	0.0000	0.4242	0.4242	9.1350	212.6518	1.1074	40.3136	51.9394	0.0000		
22/04/2016	90.3279	0.0000	0.4083	0.4083	9.1540	213.6829	1.4917	40.3252	51.9532	0.0000		
23/04/2016	90.3172	0.0000	0.3901	0.3901	9.1827	212.7637	1.2100	40.3406	51.9691	0.0000		
24/04/2016	90.3141	0.0000	0.3738	0.3738	9.2018	212.7882	0.9805	40.3524	51.9826	0.0000		
25/04/2016	90.3230	0.0000	0.3664	0.3664	9.2002	212.8118	1.1191	40.3546	51.9886	0.0000		
26/04/2016	90.1644	0.0000	0.3829	0.3829	9.3420	213.1172	1.6131	40.3893	51.9985	0.0000		
27/04/2016	89.9518	0.0000	0.4684	0.4684	9.4701	213.3550	1.1226	40.3932	51.9637	0.0000		
28/04/2016	89.9910	0.0000	0.4476	0.4476	9.4511	213.3976	1.4726	40.4067	51.9790	0.0000		
29/04/2016	89.9250	0.0000	0.4215	0.4215	9.5429	213.5282	1.1894	40.4325	51.9646	0.0000		
30/04/2016	89.9005	0.0000	0.3987	0.3987	9.5898	213.6329	1.0285	40.4546	52.0289	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>	89.7184	0.0000	0.1632	0.1632	1.8896	205.9704	0.9805	38.2617	50.8830	0.0000		
<b>Promedio</b>	91.9710	0.0000	0.3905	0.3905	7.5432	217.7748	2.7657	39.9310	51.7029	0.0000		
<b>Máximo</b>	97.8973	0.0000	0.5565	0.5565	9.7409	263.7215	7.7292	41.3924	52.0394	0.0000		
<b>Dev. Est.</b>	2.67941139	0	0.09504721	0.09504721	2.56982158	15.5622322	2.13568401	0.76877966	0.36576852	0		

Observaciones: En los días 04, 05, 06, 07 & 08 se generan resultados de "Temperatura de Rocío" inestables, los cuales no logran salir de especificación conforme a norma (NOM-001-SECRE-2010). Para solventar dicha inestabilidad, se tiene programado servicio de mantenimiento correctivo tentativamente para el día 23 de Mayo, 2016.

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

**(Registros máximos diarios)**



**PERMISIONARIO:** **TERMINAL KMS DE GNL S. DE R.L DE C.V**  
**PUNTO DE MEDICIÓN:** **ESTACION DE MEDICION MANZANILLO**  
**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 <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )
01/04/2016	89.7083	0.0000	0.4701	0.4701	9.7038	213.9278	2.1598	40.4756	52.0201	0.0000
02/04/2016	89.6859	0.0000	0.4402	0.4402	9.7554	214.1290	2.2188	40.5039	52.0582	0.0000
03/04/2016	90.0911	0.0000	0.3976	0.3976	9.0160	249.4027	7.9305	89.6504	52.8938	0.0000
04/04/2016	97.5852	0.0000	0.2540	0.2540	2.1354	268.5537	8.4965	38.3161	50.8973	0.0000
05/04/2016	97.8574	0.0000	0.2210	0.2210	1.8990	268.7161	8.4808	38.2725	50.9173	0.0000
06/04/2016	97.8885	0.0000	0.1809	0.1809	1.9078	268.9654	8.5581	38.2791	50.9257	0.0000
07/04/2016	97.8722	0.0000	0.1692	0.1692	1.9356	268.9055	8.4703	38.2977	50.9455	0.0000
08/04/2016	90.9349	0.0000	0.5763	0.5763	8.3604	268.6534	7.8218	40.2222	51.8132	0.0000
09/04/2016	90.6667	0.0000	0.5662	0.5662	8.6345	212.1412	4.1577	40.1843	51.7938	0.0000
10/04/2016	92.8426	0.0000	0.4382	0.4382	6.6198	206.8467	4.6527	39.5837	51.5284	0.0000
11/04/2016	93.1433	0.0000	0.3961	0.3961	6.3655	206.2090	4.5878	39.5212	51.5159	0.0000
12/04/2016	93.2475	0.0000	0.3638	0.3638	6.2947	206.0434	4.5462	39.5183	51.5417	0.0000
13/04/2016	93.1824	0.0000	0.3413	0.3413	6.3810	206.2629	4.8716	39.5673	51.5932	0.0000
14/04/2016	90.6819	0.0000	0.5046	0.5046	8.7053	229.5014	4.1751	40.2554	51.8603	0.0000
15/04/2016	90.5479	0.0000	0.4922	0.4922	8.8496	212.1208	2.6013	40.2163	51.8705	0.0000
16/04/2016	90.9012	0.0000	0.4201	0.4201	8.5695	211.4344	2.6548	40.1626	51.8699	0.0000
17/04/2016	90.2606	0.0000	0.5580	0.5580	9.0730	212.6711	2.5542	40.2696	51.9020	0.0000
18/04/2016	90.2673	0.0000	0.5954	0.5954	9.0295	212.3627	2.2016	40.2330	51.8470	0.0000
19/04/2016	90.3220	0.0000	0.5393	0.5393	9.0303	225.3481	2.5160	40.2509	51.8697	0.0000
20/04/2016	90.2642	0.0000	0.5115	0.5115	9.1150	212.6177	2.2435	40.3069	51.9311	0.0000
21/04/2016	90.3134	0.0000	0.4341	0.4341	9.1427	212.6869	2.0427	40.3188	51.9467	0.0000
22/04/2016	90.3060	0.0000	0.4184	0.4184	9.1656	236.3703	2.4264	40.3324	51.9654	0.0000
23/04/2016	90.2987	0.0000	0.3982	0.3982	9.1930	212.8004	2.1855	40.3471	51.9765	0.0000
24/04/2016	90.2960	0.0000	0.3857	0.3857	9.2078	212.8428	2.1035	40.3560	51.9896	0.0000
25/04/2016	90.2616	0.0000	0.3792	0.3792	9.2482	212.9459	2.2993	40.3788	52.0128	0.0000
26/04/2016	89.9728	0.0000	0.4869	0.4869	9.4292	213.3422	2.0785	40.4021	52.0461	0.0000
27/04/2016	89.9319	0.0000	0.4790	0.4790	9.4792	213.3997	2.0140	40.4008	51.9732	0.0000
28/04/2016	89.9185	0.0000	0.4646	0.4646	9.4995	213.4466	2.0588	40.4147	51.9911	0.0000
29/04/2016	89.8964	0.0000	0.4375	0.4375	9.5554	213.5771	2.0497	40.4419	52.0205	0.0000
30/04/2016	89.8682	0.0000	0.4116	0.4116	9.6090	213.6898	2.0213	40.4673	52.0438	0.0000
<b>Máximo</b>	97.8885	0.0000	0.5954	0.5954	9.7554	268.9654	8.5581	89.6504	52.8938	0.0000

**Observaciones:** En los días 04, 05, 06, 07 & 08 se generan resultados de "Temperatura de Roció" inestables, los cuales no logran salir de especificación conforme a norma (NOM-001-SECRE-2010). Para solventar dicha inestabilidad, se tiene programado servicio de mantenimiento correctivo tentativamente para el día 23 de Mayo, 2016.

**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> )
01/04/2016	90.0088	0.0000	0.1712	0.1712	9.7024	213.8342	0.2919	40.4546	51.9937	0.0000
02/04/2016	89.7542	0.0000	0.4082	0.4082	9.7197	213.9478	0.2160	40.4789	52.0209	0.0000
03/04/2016	97.3439	0.0000	0.2814	0.2814	2.3469	198.6735	0.2090	38.3202	50.8992	0.0000
04/04/2016	97.8911	0.0000	0.2181	0.2181	1.8686	231.9896	1.1018	38.2458	50.8750	0.0000
05/04/2016	97.9298	0.0000	0.1810	0.1810	1.8670	235.4139	6.3138	38.2476	50.8795	0.0000
06/04/2016	97.9065	0.0000	0.1707	0.1707	1.9002	238.1163	4.9318	38.2728	50.9102	0.0000
07/04/2016	97.9245	0.0000	0.1433	0.1433	1.9096	244.0222	6.1869	38.2802	50.9236	0.0000
08/04/2016	97.7264	0.0000	0.1540	0.1540	2.0947	200.1158	0.5611	38.2925	50.0118	0.0000
09/04/2016	92.6504	0.0000	0.4261	0.4261	6.8210	206.8575	0.6107	39.5862	51.5172	0.0000
10/04/2016	93.1016	0.0000	0.3944	0.3944	6.4081	206.2272	2.4029	39.5263	51.5061	0.0000
11/04/2016	93.2774	0.0000	0.3647	0.3647	6.2643	205.8770	2.9332	39.4958	51.5007	0.0000
12/04/2016	93.2962	0.0000	0.3429	0.3429	6.2673	205.9056	2.5269	39.5009	51.5112	0.0000
13/04/2016	93.3205	0.0000	0.2804	0.2804	6.3050	206.0048	2.4899	39.5194	51.5317	0.0000
14/04/2016	93.0631	0.0000	0.2772	0.2772	6.5619	206.2118	0.5822	39.5621	51.5794	0.0000
15/04/2016	90.8915	0.0000	0.4210	0.4210	8.5784	211.3310	0.7557	40.1442	51.8389	0.0000
16/04/2016	90.9539	0.0000	0.3955	0.3955	8.5421	211.3244	0.7608	40.1430	51.8443	0.0000
17/04/2016	90.9003	0.0000	0.3758	0.3758	8.6156	211.3604	0.6167	40.1562	51.8185	0.0000
18/04/2016	90.3680	0.0000	0.5374	0.5374	8.9877	212.2359	0.3302	40.2144	51.7995	0.0000
19/04/2016	90.3778	0.0000	0.5119	0.5119	9.0025	212.3219	0.7214	40.2299	51.8418	0.0000
20/04/2016	90.4204	0.0000	0.4322	0.4322	9.0392	212.3729	0.1565	40.2497	51.8616	0.0000
21/04/2016	90.3507	0.0000	0.4178	0.4178	9.1222	212.6161	0.2095	40.3051	51.9298	0.0000
22/04/2016	90.3448	0.0000	0.4003	0.4003	9.1453	212.6593	0.2037	40.3185	51.9449	0.0000
23/04/2016	90.3342	0.0000	0.3830	0.3830	9.1729	212.7212	0.1739	40.3336	51.9581	0.0000
24/04/2016	90.3282	0.0000	0.3686	0.3686	9.1931	212.3640	0.2062	40.3448	51.9720	0.0000
25/04/2016	90.3706	0.0000	0.3471	0.3471	9.1723	212.6962	0.1338	40.3388	51.9684	0.0000
26/04/2016	90.2761	0.0000	0.3232	0.3232	9.2908	212.9397	0.3900	40.3792	51.9515	0.0000
27/04/2016	89.9750	0.0000	0.4563	0.4563	9.4593	213.2965	0.1875	40.3848	51.9504	0.0000
28/04/2016	90.8792	0.0000	0.4415	0.4415	8.5686	213.3604	0.3879	40.3988	51.9686	0.0000
29/04/2016	89.9690	0.0000	0.4104	0.4104	9.5105	213.4514	0.1100	40.4149	51.0086	0.0000
30/04/2016	89.9336	0.0000	0.3839	0.3839	9.5719	213.5840	0.3190	40.4431	52.0168	0.0000

<b>Mínimo</b>	89.7542	0.0000	0.1433	0.1433	1.8670	198.6735	0.1100	38.2458	50.0118	0.0000
---------------	---------	--------	--------	--------	--------	----------	--------	---------	---------	--------

**Observaciones:** En los días 04, 05, 06, 07 & 08 se generan resultados de "Temperatura de Rocio" inestables, los cuales no logran salir de especificación conforme a norma (NOM-001-SECRE-2010). Para solventar dicha inestabilidad, se tiene programado servicio de mantenimiento correctivo tentativamente para el día 23 de Mayo, 2016.