

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

(Valores promedio diarios)

<b>PERMISIONARIO:</b>	Kinder Morgan Gas Natural Mexico, S. de R.L. de C.V.
<b>PUNTO DE MEDICIÓN:</b>	PEMEX/KMGNN Estación M1: 40572
<b>ZONA DE MEDICIÓN:</b>	RESTO DEL PAÍS

FECHA: (dd/mm/aa)	Metano (% vol)	Óxido 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> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
01/09/2013	95.1911	1.7276	0.1457	1.8734	2.3254	280.9100	37.0100	38.2369	49.7000	0.6400		
02/09/2013	94.7456	1.6657	0.1306	1.7964	2.7600	281.6600	37.5400	38.4571	49.8700	0.6500		
03/09/2013	94.4347	1.6091	0.1501	1.7592	3.0981	281.0900	36.7300	38.5701	49.9700	0.6500		
04/09/2013	94.8906	1.6268	0.1518	1.7786	2.6955	281.2600	36.5400	38.3903	49.8500	0.6600		
05/09/2013	95.0371	1.6813	0.1413	1.8226	2.5246	280.2100	32.7900	38.3127	49.7800	0.6400		
06/09/2013	95.4363	1.6965	0.1386	1.8351	2.1288	279.9900	30.6700	38.1860	49.6900	0.6300		
07/09/2013	95.5284	1.5306	0.1464	1.6770	1.8845	245.9700	32.5300	38.4127	49.9300	0.6700		
08/09/2013	95.7370	1.3829	0.1498	1.5328	1.6722	240.9000	30.0500	38.4793	50.0700	0.7200		
09/09/2013	95.6981	1.5408	0.1402	1.6811	1.5715	242.2900	31.7900	38.3971	49.9200	0.7200		
10/09/2013	95.5621	1.5943	0.1434	1.7377	1.5270	243.1800	29.9500	38.4364	49.9000	0.7000		
11/09/2013	95.6852	1.5190	0.1625	1.6815	1.4184	243.2000	27.2800	38.4752	49.9700	0.6900		
12/09/2013	95.4052	1.7118	0.1340	1.8458	2.1344	280.6500	26.8800	38.1984	49.6900	0.6900		
13/09/2013	94.7043	1.8442	0.1368	1.9810	2.6007	282.8700	28.5800	38.3521	49.6900	0.7100		
14/09/2013	94.8602	2.0233	0.1160	2.1394	2.2818	284.1300	27.5900	38.2122	49.5000	0.6800		
15/09/2013	94.7992	2.0594	0.1112	2.1706	2.2892	284.4900	29.9600	38.2206	49.4800	0.6700		
16/09/2013	94.7981	2.2454	0.0855	2.3309	2.0108	287.0100	28.7600	38.2352	49.3700	0.3500		
17/09/2013	94.8515	2.0872	0.0968	2.1841	2.0819	286.2600	28.7200	38.2878	49.5000	0.3500		
18/09/2013	94.8166	1.9082	0.1346	2.0429	2.3895	282.4600	30.7200	38.3158	49.6300	0.3700		
19/09/2013	95.2376	1.5620	0.1501	1.7121	2.4443	278.2800	28.0100	38.3301	49.8600	0.3900		
20/09/2013	95.1602	1.6276	0.1464	1.7740	2.4059	279.6000	30.5700	38.3417	49.8300	0.3800		
21/09/2013	94.8853	1.8087	0.1364	1.9452	2.4588	282.1100	27.1400	38.3389	49.7100	0.3200		
22/09/2013	94.9341	1.9654	0.1228	2.0883	2.2003	283.3200	28.3700	38.2664	49.5600	0.3300		
23/09/2013	95.0377	1.9408	0.1252	2.0660	2.1753	282.0700	30.7900	38.2214	49.5500	0.3300		
24/09/2013	94.9794	1.8168	0.1447	1.9616	2.3781	280.3000	30.0200	38.2768	49.6600	0.3400		
25/09/2013	94.7906	1.5976	0.1473	1.7450	2.6162	282.7900	29.9900	38.5620	49.9700	0.3100		
26/09/2013	95.4336	1.6025	0.1594	1.7619	2.1466	280.1800	31.3500	38.2747	49.8000	0.3300		
27/09/2013	95.5304	1.7715	0.1427	1.9142	1.9567	279.2400	29.5900	38.1135	49.6000	0.3200		
28/09/2013	95.2897	1.8940	0.1293	2.0234	2.0333	280.5800	36.6600	38.1415	49.5400	0.3500		
29/09/2013	95.2469	1.9592	0.1244	2.0837	1.9532	281.6600	32.7900	38.1456	49.5000	0.3000		
30/09/2013	95.6897	1.9958	0.1284	2.1243	1.5080	280.9200	31.8100	37.9712	49.3700	0.3300		

Mínimo	94.4347	1.3829	0.0855	1.5328	1.4184	240.9000	26.8800	37.9712	49.3700	0.3000		
Promedio	95.1429	1.7665	0.1357	1.9023	2.1890	275.3193	31.0393	38.3053	49.7153	0.5073		
Máximo	95.7370	2.2454	0.1625	2.3309	3.0981	287.0100	37.5400	38.5701	50.0700	0.7200		
Desv. Est.												

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Registros máximos diarios)

PERMISIONARIO: Kinder Morgan Gas Natural Mexico, S. de R.L. de C.V.  
 PUNTO DE MEDICIÓN: PEMEX/KMGNM Estación M1: 40572  
 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 <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulhídrico (mg/m <sup>3</sup> )
01/09/2013	95.5481	1.8462	0.1618	1.9810	3.6182	282.7600	43.3800	38.5805	49.8700	0.7000
02/09/2013	95.4153	1.8617	0.1394	1.9923	3.4114	283.1100	40.3300	38.6587	50.0600	0.6900
03/09/2013	95.4679	1.8564	0.1643	1.9968	3.7390	283.8600	43.8400	38.8562	50.2300	0.7100
04/09/2013	95.4980	1.7660	0.1666	1.9152	3.3944	284.6800	40.8000	38.6960	50.0800	0.7300
05/09/2013	95.5378	1.7719	0.1514	1.9159	3.6178	281.4400	37.0800	38.5917	49.9100	0.7100
06/09/2013	95.5848	1.7959	0.1428	1.9377	2.3263	280.8400	37.0000	38.3048	49.8500	0.7000
07/09/2013	95.8089	1.6933	0.1627	1.8342	2.0739	253.2500	36.3400	38.5358	50.0700	0.7500
08/09/2013	95.9708	1.4683	0.1544	1.6227	1.7986	242.1100	32.9600	38.5693	50.2000	0.7800
09/09/2013	95.9112	1.7623	0.1472	1.8948	1.8171	243.5200	34.9800	38.5097	50.0900	0.7800
10/09/2013	95.7163	1.6841	0.1472	1.8289	1.7104	244.2400	34.9800	38.5432	50.0100	0.7600
11/09/2013	95.8059	1.6549	0.2087	1.8305	1.6182	244.4400	28.1600	38.5730	50.0900	0.7400
12/09/2013	95.6996	1.8890	0.1488	2.0288	2.5634	282.1900	29.4500	38.3756	50.0000	0.7600
13/09/2013	94.9766	1.9140	0.1458	2.0598	3.4827	283.8400	32.9900	38.6364	49.8400	0.7700
14/09/2013	95.0656	2.1582	0.1266	2.2712	2.4764	285.4600	30.1000	38.2861	49.6500	0.6900
15/09/2013	94.8949	2.1081	0.1138	2.2171	2.4417	284.9800	32.5600	38.2563	49.5200	0.6900
16/09/2013	95.2944	2.2897	0.1029	2.3741	2.1914	289.0100	32.3500	38.2675	49.5300	0.5900
17/09/2013	95.8060	2.3448	0.1176	2.4493	2.4213	289.6400	29.7000	38.4650	49.7500	0.3700
18/09/2013	95.1697	2.1810	0.1670	2.2789	2.7688	286.2900	36.5300	38.4165	49.7700	0.4100
19/09/2013	95.4868	1.6511	0.1642	1.8002	2.5773	279.1700	31.5900	38.3793	50.0000	0.4200
20/09/2013	95.5418	1.9176	0.1582	2.0597	2.6347	282.9300	33.6000	38.4203	49.9800	0.4400
21/09/2013	95.1598	1.8748	0.1446	2.0092	2.6098	283.1000	30.4700	38.4165	49.8600	0.3400
22/09/2013	95.1078	2.0943	0.1373	2.2102	2.3365	284.6400	31.6400	38.2973	49.6600	0.3600
23/09/2013	95.1978	2.0442	0.1425	2.1532	2.2749	283.9900	35.9900	38.2824	49.6000	0.3600
24/09/2013	95.1054	1.9330	0.1636	2.0586	2.5014	283.2600	33.6900	38.3867	49.7600	0.3900
25/09/2013	95.2708	1.8048	0.1591	1.9500	3.1228	284.8300	31.6400	38.7779	50.3500	0.3400
26/09/2013	95.7500	1.7629	0.1723	1.9168	2.6112	284.4500	37.2900	38.6289	50.1300	0.3600
27/09/2013	95.8220	1.9229	0.1631	2.0507	2.1753	281.0900	33.4200	38.2004	49.7500	0.3300
28/09/2013	95.4547	1.9867	0.1370	2.1084	2.1346	281.7000	44.6000	38.2042	49.6000	0.3900
29/09/2013	96.2429	2.0714	0.1359	2.1894	2.2487	282.6900	38.3100	38.2750	49.5700	0.3200
30/09/2013	96.5188	2.1320	0.1500	2.2538	1.9706	281.7600	35.5500	38.1334	49.4600	0.3600

Máximo	96.5188	2.3448	0.2087	2.4493	3.7390	289.6400	44.6000	38.8562	50.3500	0.7800
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Observaciones:

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

(Registros mínimos diarios)

**PERMISIONARIO:** Kinder Morgan Gas Natural Mexico, S. de R.L. de C.V.  
**PUNTO DE MEDICIÓN:** PEMEX/KMGNM Estación M1: 40572  
**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 Rodo (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Ácido Sulhídrico (mg/m <sup>3</sup> )
01/09/2013	93.8747	1.5220	0.1339	1.6838	1.9761	277.3600	32.8100	38.1110	49.5800	0.5800
02/09/2013	93.8049	1.3879	0.1194	1.5231	2.3028	280.2600	34.1600	38.2899	49.7500	0.5900
03/09/2013	93.5706	1.4043	0.1327	1.5429	2.2256	278.7100	32.6700	38.2973	49.8300	0.5900
04/09/2013	93.9854	1.4359	0.1364	1.5865	2.3373	279.3400	29.1700	38.2787	49.7000	0.6000
05/09/2013	93.9319	1.5350	0.1291	1.6768	2.0282	278.9500	27.8300	38.1073	49.6200	0.6000
06/09/2013	95.2244	1.5741	0.1322	1.7093	2.0213	278.7800	27.1700	38.1148	49.5900	0.5800
07/09/2013	95.2825	1.3740	0.1350	1.5305	1.5417	240.8200	27.5900	38.2675	49.7900	0.5900
08/09/2013	95.5659	1.2372	0.1426	1.3870	1.4615	239.8400	27.5900	38.4016	49.9800	0.6700
09/09/2013	95.4283	1.3610	0.1325	1.5082	1.3845	241.0400	28.6600	38.2750	49.7200	0.6700
10/09/2013	95.3897	1.5064	0.1397	1.6498	1.3778	241.8500	26.3200	38.3159	49.7800	0.6500
11/09/2013	95.3546	1.4045	0.1412	1.5635	1.3177	242.0600	26.1300	38.3867	49.8500	0.6500
12/09/2013	95.0126	1.4154	0.1129	1.5534	1.8919	279.9000	24.6400	38.1148	49.5400	0.6400
13/09/2013	93.7456	1.7711	0.1317	1.9066	2.3900	281.7500	26.0800	38.2191	49.5800	0.6600
14/09/2013	94.6414	1.8423	0.1060	1.9666	2.1286	282.6800	25.9400	38.1222	49.4100	0.6700
15/09/2013	94.6677	2.0072	0.1090	2.1194	2.2064	283.8500	27.3300	38.1893	49.4400	0.6100
16/09/2013	94.6658	2.0151	0.0835	2.1180	1.7247	284.5500	26.6900	38.1744	49.3500	0.3100
17/09/2013	94.5622	1.7140	0.0850	1.8081	1.6510	282.8300	27.0100	38.0663	49.2100	0.3200
18/09/2013	94.5549	1.6669	0.0979	1.8314	2.0060	278.2900	25.6800	38.1744	49.3900	0.3400
19/09/2013	95.0898	1.3707	0.1391	1.5349	2.3334	276.7900	25.7100	38.3010	49.7900	0.3400
20/09/2013	94.5223	1.4227	0.1370	1.5667	2.1560	278.6000	26.4300	38.2787	49.6700	0.3200
21/09/2013	94.6238	1.6174	0.1224	1.7521	2.2561	280.4000	23.8500	38.2712	49.6400	0.3000
22/09/2013	94.7803	1.8444	0.1118	1.9791	2.1157	281.7700	24.2000	38.2303	49.4700	0.2700
23/09/2013	94.8724	1.8422	0.1090	1.9716	2.0684	280.2500	26.2700	38.1744	49.4900	0.2700
24/09/2013	94.8108	1.7025	0.1256	1.8661	2.2163	278.2900	26.7000	38.2265	49.5900	0.2900
25/09/2013	94.2987	1.2231	0.1372	1.3764	2.2787	280.9400	28.2900	38.3420	49.7200	0.2800
26/09/2013	94.7893	1.4059	0.1463	1.5543	1.9137	278.1400	27.5700	38.0812	49.5900	0.2800
27/09/2013	95.0978	1.5565	0.1235	1.7111	1.8393	276.9500	27.8600	38.0775	49.5000	0.3100
28/09/2013	95.0757	1.8054	0.1212	1.9424	1.9534	279.8600	31.0700	38.0738	49.4800	0.3100
29/09/2013	94.8339	1.8810	0.1105	2.0146	0.8824	280.6600	28.0800	37.8092	49.2600	0.2900
30/09/2013	95.1925	1.8789	0.1140	2.0227	0.6663	279.6700	28.7200	37.7086	49.2000	0.2900

Mínimo	93.5706	1.2231	0.0835	1.3764	0.6663	239.8400	23.8500	37.7086	49.2000	0.2700
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Observaciones:

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