

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Valores promedio 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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
01/10/2013	95.8911	1.8525	0.1457	1.9982	1.9144	280.9800	31.7300	38.1644	49.5700	0.4100		
02/10/2013	95.3782	1.7180	0.1412	1.8593	2.0848	280.5000	32.3100	38.2504	49.7100	0.2900		
03/10/2013	95.3172	1.7402	0.1432	1.8834	2.0834	281.4000	30.8600	38.2747	49.7100	0.2700		
04/10/2013	95.4113	1.5958	0.1408	1.7366	2.2008	279.5000	28.7400	38.3071	49.8300	0.2800		
05/10/2013	95.1369	1.7154	0.1330	1.8485	2.2647	281.5600	29.9000	38.3641	49.7900	0.3000		
06/10/2013	95.0344	1.8473	0.1204	1.9678	2.2554	281.4800	26.5000	38.3093	49.6700	0.2400		
07/10/2013	94.9763	2.0223	0.1115	2.1338	2.0867	282.3300	28.8000	38.2462	49.5200	0.2900		
08/10/2013	95.6974	1.7120	0.1542	1.8663	1.8635	276.5100	23.3100	38.0908	49.6200	0.3100		
09/10/2013	95.5115	1.6394	0.1349	1.7744	2.0983	277.6100	24.0700	38.2303	49.7600	0.3600		
10/10/2013	95.6169	1.6526	0.1424	1.7950	2.0141	277.4900	24.8000	38.1680	49.7100	0.4300		
11/10/2013	95.4927	1.6958	0.1403	1.8362	2.0546	278.3600	27.6000	38.1994	49.7000	0.5200		
12/10/2013	95.3908	1.7814	0.1357	1.9171	2.0393	279.6800	30.2600	38.1969	49.6400	0.5600		
13/10/2013	95.1955	1.9356	0.1189	2.0546	2.0062	282.0600	31.4300	38.2124	49.5500	0.5500		
14/10/2013	94.9548	2.0638	0.0998	2.1636	2.0493	283.7900	32.9500	38.2554	49.5000	0.5600		
15/10/2013	95.2652	1.9153	0.1275	2.0429	2.0241	279.9900	31.1600	38.1543	49.5300	0.6400		
16/10/2013	94.8356	1.8548	0.1266	1.9814	2.4733	279.3300	28.5000	38.3271	49.6700	0.7600		
17/10/2013	95.0340	1.9530	0.1108	2.0639	2.1544	279.5200	25.0100	38.2351	49.5600	0.9700		
18/10/2013	95.0499	1.9354	0.1101	2.0455	2.1466	279.2000	24.9100	38.2458	49.5800	0.9100		
19/10/2013	95.1389	1.9918	0.1031	2.0949	2.0063	279.3300	25.6500	38.1896	49.5100	0.7500		
20/10/2013	94.9001	2.1798	0.0885	2.2684	1.9499	280.6700	24.2700	38.2023	49.4000	0.7300		
21/10/2013	95.0552	2.1199	0.0922	2.2121	1.8759	280.4500	27.6700	38.1831	49.4200	0.7800		
22/10/2013	95.3403	1.9994	0.1080	2.1074	1.8796	277.0300	31.0800	38.0756	49.4400	0.7600		
23/10/2013	95.1080	1.9007	0.1238	2.0246	2.1787	275.7600	26.5800	38.1950	49.5700	0.6800		
24/10/2013	95.0929	1.8216	0.1357	1.9574	2.2803	274.7200	23.6900	38.2292	49.6300	0.7300		
25/10/2013	95.1190	1.8727	0.1239	1.9966	2.1757	275.3100	25.3300	38.2169	49.6000	0.6500		
26/10/2013	95.2764	1.8317	0.1213	1.9530	2.0774	275.1300	24.1500	38.1945	49.6100	0.7400		
27/10/2013	95.1727	2.0280	0.0995	2.1276	1.9202	277.8300	25.8100	38.1579	49.4700	0.9000		
28/10/2013	95.1353	2.0617	0.0924	2.1542	1.9016	276.0600	29.2600	38.1542	49.4500	0.9600		
29/10/2013	95.2365	1.9926	0.0976	2.0903	1.9378	273.7900	32.0000	38.1273	49.4800	0.8400		
30/10/2013	95.2046	2.0319	0.0965	2.1284	1.9317	272.9700	33.8100	38.1078	49.4400	0.8500		
31/10/2013	95.3889	1.9135	0.1055	2.0191	1.9005	270.8600	32.5100	38.1005	49.5100	0.7300		

Mínimo	94.8356	1.5958	0.0885	1.7366	1.8635	270.8600	23.3100	38.0756	49.4000	0.2400		
Promedio	95.2212	1.8831	0.1202	2.0033	2.0590	278.4258	28.2145	38.2053	49.5855	0.6048		
Máximo	95.6974	2.1798	0.1542	2.2684	2.4733	283.7900	33.8100	38.3641	49.8300	0.9700		
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 Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01/10/2013	95.6674	1.9702	0.1565	2.1064	2.0523	282.6000	34.0000	38.2824	49.7400	0.4800
02/10/2013	95.4876	1.8608	0.1488	2.0096	2.2492	281.3500	34.6900	38.3458	49.8300	0.3200
03/10/2013	95.4714	1.9130	0.1502	2.0632	2.3680	282.8700	34.0300	38.5097	49.9400	0.2900
04/10/2013	95.7598	1.8906	0.1493	2.0298	2.4355	281.8800	31.8000	38.4277	49.9700	0.3000
05/10/2013	95.3449	1.8876	0.1392	2.0153	2.4660	284.4800	32.9600	38.5805	49.9400	0.3300
06/10/2013	95.2105	2.0592	0.1327	2.1671	2.4082	284.1500	28.6800	38.3681	49.7900	0.2500
07/10/2013	95.4231	2.1465	0.1455	2.2406	2.3601	285.0900	33.8900	38.3569	49.6400	0.3200
08/10/2013	96.0541	1.9119	0.1980	2.0570	2.2229	278.1000	27.8300	38.3718	50.0200	0.3400
09/10/2013	95.7935	1.7725	0.1449	1.9029	2.2491	278.6000	26.2200	38.3644	49.9900	0.3900
10/10/2013	95.8090	1.7939	0.1603	1.9409	2.2159	277.8300	28.7100	38.2936	49.8700	0.4600
11/10/2013	95.6348	1.8422	0.1514	1.9835	2.2628	280.7100	29.2100	38.3197	49.9300	0.5600
12/10/2013	95.5341	1.9077	0.1464	2.0316	2.2014	281.6200	34.6700	38.2489	49.7000	0.5700
13/10/2013	95.4603	1.9985	0.1266	2.1188	2.0923	283.6300	34.6400	38.2861	49.6000	0.5700
14/10/2013	95.2912	2.1593	0.1118	2.2614	2.2791	285.0400	36.2900	38.3383	49.5800	0.6000
15/10/2013	95.6537	2.0837	0.1484	2.2023	2.5233	282.9500	34.6900	38.3271	49.6500	0.7200
16/10/2013	95.2313	2.0291	0.1394	2.1343	2.7801	280.8800	31.2900	38.4389	49.8000	0.8400
17/10/2013	95.1852	2.0136	0.1189	2.1189	2.2882	281.2600	26.1800	38.3048	49.6400	1.0500
18/10/2013	95.2065	2.0281	0.1157	2.1346	2.2409	279.7200	26.5300	38.2936	49.6400	1.0100
19/10/2013	95.2759	2.0922	0.1118	2.1894	2.2251	280.3100	26.8800	38.2973	49.6400	0.8900
20/10/2013	95.0252	2.2610	0.0994	2.3497	2.0339	281.2300	25.2600	38.2526	49.4800	0.7800
21/10/2013	95.6992	2.2519	0.1058	2.3410	2.0086	281.8000	30.0200	38.2601	49.5900	0.9000
22/10/2013	95.6110	2.1485	0.1157	2.2451	2.0059	279.6100	36.4000	38.1073	49.5400	0.9000
23/10/2013	95.2967	2.0583	0.1403	2.1618	2.3682	277.6600	34.5900	38.2750	49.6500	0.7300
24/10/2013	95.2332	1.8954	0.1454	2.0271	2.4408	276.0100	27.3900	38.3010	49.7300	0.7500
25/10/2013	95.3282	2.1229	0.1501	2.2288	2.5669	277.4100	26.9100	38.3383	49.7900	0.7600
26/10/2013	95.3832	1.9839	0.1398	2.0926	2.2767	276.7900	25.9200	38.2824	49.7700	0.7900
27/10/2013	95.2961	2.0954	0.1048	2.1893	2.0995	278.9400	26.9100	38.2750	49.5700	0.9700
28/10/2013	95.2879	2.1433	0.0994	2.2329	2.0265	279.1700	31.7200	38.1967	49.5000	1.1000
29/10/2013	95.5110	2.1418	0.1041	2.2323	2.0723	275.6300	34.5600	38.2824	49.6300	0.9500
30/10/2013	95.4483	2.1972	0.1046	2.2915	2.0160	273.6500	38.8100	38.1967	49.6300	0.9100
31/10/2013	95.5961	2.0673	0.1190	2.1628	2.0531	271.9100	38.1500	38.2042	49.7100	0.8000

Máximo	96.0541	2.2610	0.1980	2.3497	2.7801	285.0900	38.8100	38.5805	50.0200	
---------------	---------	--------	--------	--------	--------	----------	---------	---------	---------	--

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 Rocío (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01/10/2013	95.2042	1.6979	0.1275	1.8339	1.6815	279.6500	29.4500	38.0440	49.5100	0.3000
02/10/2013	95.1917	1.5863	0.1340	1.7341	1.8474	279.2100	30.6600	38.1185	49.5400	0.2500
03/10/2013	95.0121	1.6042	0.1357	1.7539	1.8643	280.1800	27.8900	38.0812	49.4900	0.2500
04/10/2013	95.1169	1.4438	0.1341	1.5858	2.0221	277.1800	26.2900	38.1967	49.5700	0.2600
05/10/2013	94.6831	1.5519	0.1236	1.6904	2.0954	279.9700	25.6800	38.2824	49.6600	0.2600
06/10/2013	94.7671	1.7089	0.1015	1.8408	2.0737	279.0500	22.6300	38.2303	49.5200	0.2300
07/10/2013	94.5933	1.8001	0.0941	1.9275	1.8483	278.6800	22.8900	38.0924	49.4400	0.2400
08/10/2013	95.3692	1.3665	0.1273	1.4949	1.5778	274.4400	18.6100	37.9694	49.4700	0.2600
09/10/2013	95.3586	1.3779	0.1273	1.5106	2.0152	275.8300	21.2900	38.1520	49.6300	0.3000
10/10/2013	95.4889	1.5346	0.1350	1.6715	1.7876	277.1300	22.9200	38.0253	49.5600	0.3700
11/10/2013	95.2883	1.4673	0.1277	1.6073	1.8788	276.6800	26.1100	38.0812	49.5700	0.4400
12/10/2013	95.2914	1.7147	0.1198	1.8538	1.8905	278.4000	26.2400	38.1483	49.5500	0.5400
13/10/2013	95.0315	1.8499	0.1145	1.9765	1.9088	280.1300	27.5900	38.1371	49.5100	0.5200
14/10/2013	94.6435	1.9846	0.0946	2.0890	1.8601	282.1300	28.4400	38.1408	49.4000	0.5300
15/10/2013	94.7294	1.7342	0.1088	1.8740	1.8805	277.3400	27.5400	38.0626	49.4300	0.5400
16/10/2013	94.6114	1.7405	0.1050	1.8762	2.0415	277.6800	25.6600	38.1818	49.5100	0.7000
17/10/2013	94.8436	1.8922	0.1039	2.0111	2.0127	278.6400	23.6600	38.1632	49.5100	0.8000
18/10/2013	94.9483	1.8846	0.1036	1.9964	2.0234	278.7200	23.8500	38.1855	49.4900	0.8400
19/10/2013	94.9947	1.8940	0.0955	2.0029	1.8473	278.6000	23.9600	38.1334	49.4200	0.6800
20/10/2013	94.7361	2.0621	0.0850	2.1615	1.8809	278.8400	23.0200	38.1297	49.3100	0.7000
21/10/2013	94.7542	1.8290	0.0882	1.9188	1.6383	277.7300	24.1700	38.0551	49.3600	0.6500
22/10/2013	95.1723	1.8633	0.0966	1.9714	1.7527	275.1000	27.2500	38.0402	49.3400	0.6500
23/10/2013	94.9327	1.7971	0.1035	1.9346	1.9342	273.8900	18.8700	38.0775	49.4200	0.6400
24/10/2013	94.8994	1.7354	0.1250	1.8800	2.1228	273.4700	20.1500	38.1744	49.5800	0.6900
25/10/2013	94.9386	1.6901	0.1040	1.8396	1.9366	273.2300	21.8800	38.1148	49.3800	0.5000
26/10/2013	95.1184	1.6710	0.0988	1.8099	1.8955	273.5200	22.3800	38.1222	49.4800	0.7100
27/10/2013	94.9691	1.9657	0.0906	2.0674	1.7559	277.0500	23.0700	38.0961	49.4100	0.7600
28/10/2013	95.0469	1.9988	0.0860	2.0948	1.8391	273.4700	26.5900	38.0924	49.3800	0.8800
29/10/2013	95.0816	1.8673	0.0905	1.9658	1.7362	271.8700	27.9200	37.9844	49.3000	0.7400
30/10/2013	94.9827	1.8253	0.0906	1.9299	1.7422	271.6800	30.7800	38.0291	49.3100	0.7400
31/10/2013	95.2111	1.7056	0.0955	1.8171	1.7084	269.0800	29.2400	37.9918	49.3900	0.6700

Mínimo	94.5933	1.3665	0.0850	1.4949	1.5778	269.0800	18.6100	37.9694	49.3000	0.2300
--------	---------	--------	--------	--------	--------	----------	---------	---------	---------	--------

Observaciones: