

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)	Bioxido			Total Inertes (% vol)	Etano (% vol)	Temperatu ra de Rocio (K)	Humedad (mg/m ³)	Poder Calorífic o (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhidrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
	Metano (% vol)	de Carbono (% vol)	Nitrógeno (% vol)									
01-07-13	95.6440	1.5588	0.1198	1.6786	2.1057	279.7700	41.6800	38.2180	49.8100	0.7700		
02-07-13	95.4012	1.5441	0.1229	1.6670	2.3040	280.2100	37.8100	38.3217	49.8800	0.7400		
03-07-13	95.6016	1.5006	0.1299	1.6305	2.1058	281.2500	37.9700	38.3076	49.9000	0.3400		
04-07-13	95.6658	1.4517	0.1309	1.5826	2.1004	281.3500	37.5000	38.3167	49.9400	0.3300		
05-07-13	95.4387	1.5691	0.1266	1.6958	2.1780	282.4100	40.4500	38.3243	49.8700	0.3800		
06-07-13	95.6591	1.5071	0.1298	1.6369	2.0463	281.3200	41.2500	38.2843	49.8800	0.4900		
07-07-13	95.4539	1.6386	0.1187	1.7573	2.0499	283.6700	36.1400	38.3093	49.8100	0.4900		
08-07-13	95.4412	1.6827	0.1299	1.8126	2.0516	282.5000	34.7100	38.2484	49.7400	0.7200		
09-07-13	95.3763	1.4770	0.1263	1.6033	2.3248	281.3100	35.9300	38.4057	49.9800	0.4500		
10-07-13	95.4541	1.3260	0.1332	1.4593	2.4407	279.5200	35.9600	38.4519	50.1000	0.3700		
11-07-13	95.2498	1.4523	0.1341	1.5865	2.5071	280.5100	35.4600	38.4325	50.0000	0.3100		
12-07-13	95.1910	1.3806	0.1432	1.5238	2.6895	278.2300	37.8900	38.4535	50.0600	0.4700		
13-07-13	95.0600	1.4863	0.1350	1.6214	2.6102	281.8200	38.9200	38.4897	50.0100	0.5400		
14-07-13	94.9168	1.4968	0.1370	1.6338	2.7566	280.9100	41.1000	38.5117	50.0200	0.6300		
15-07-13	94.8581	1.5691	0.1335	1.7026	2.7072	281.8000	37.9500	38.5039	49.9700	0.7900		
16-07-13	94.9140	1.4362	0.1318	1.5681	2.8072	281.0200	37.8100	38.5660	50.0900	0.7500		
17-07-13	95.2560	1.5050	0.1367	1.6417	2.3650	282.7800	32.5000	38.4363	49.9700	0.8100		
18-07-13	95.1593	1.3401	0.1287	1.4688	2.6338	282.1200	30.9900	38.5806	50.1700	0.6000		
19-07-13	95.0709	1.4897	0.1318	1.6215	2.5329	283.6700	33.2900	38.5232	50.0300	0.7100		
20-07-13	95.2849	1.5875	0.1284	1.7160	2.2317	284.2100	32.1500	38.3974	49.8900	0.6100		
21-07-13	95.3741	1.4919	0.1365	1.6284	2.2552	283.3900	30.5200	38.4159	49.9600	0.7600		
22-07-13	95.3550	1.3886	0.1428	1.5315	2.4417	280.5400	33.1300	38.4431	50.0500	0.5200		
23-07-13	94.9348	1.5095	0.1365	1.6460	2.7105	281.7600	36.0900	38.5069	50.0100	0.5200		
24-07-13	95.2892	1.4522	0.1399	1.5921	2.4403	281.4900	41.0700	38.4266	50.0000	0.3900		
25-07-13	95.1367	1.4448	0.1391	1.5839	2.5826	281.3900	39.3000	38.4847	50.0400	0.5900		
26-07-13	95.4548	1.4119	0.1439	1.5558	2.3014	281.7100	39.7600	38.4103	50.0100	0.4100		
27-07-13	95.0154	1.5426	0.1303	1.6729	2.5550	282.6000	40.2200	38.4875	49.9700	0.4600		
28-07-13	95.2558	1.5551	0.1377	1.6928	2.3146	283.4900	43.7200	38.4043	49.9100	0.5500		
29-07-13	95.2040	1.4033	0.1331	1.5365	2.5064	283.4600	39.7400	38.5313	50.0900	0.5800		
30-07-13	95.3277	1.3160	0.1353	1.4513	2.4838	283.1300	41.1200	38.5445	50.1600	0.6400		
31-07-13	95.3818	1.3930	0.1312	1.5242	2.3836	283.0000	39.4100	38.4681	50.0700	0.4800		

Mínimo	94.8581	1.3160	0.1187	1.4513	2.0463	278.2300	30.5200	38.2180	49.7400	0.3100		
Promedio	95.2847	1.4809	0.1327	1.6137	2.4040	281.8174	37.4690	38.4260	49.9803	0.5548		
Máximo	95.6658	1.6827	0.1439	1.8126	2.8072	284.2100	43.7200	38.5806	50.1700	0.8100		
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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01-07-13	95.8148	1.7351	0.1270	1.8610	2.4341	282.8400	46.0200	38.3830	50.0200	0.9000
02-07-13	95.6766	1.7831	0.1274	1.9075	2.4535	281.7500	41.3300	38.4501	50.1400	0.8400
03-07-13	95.7420	1.5843	0.1343	1.7130	2.2334	282.0500	40.7700	38.3867	50.0400	0.7400
04-07-13	96.0291	1.6640	0.1353	1.7838	2.4116	283.5500	40.7200	38.4352	50.1700	0.5100
05-07-13	95.6916	1.7691	0.1356	1.8854	2.7533	284.6100	45.5100	38.4873	50.0000	0.5100
06-07-13	95.7999	1.6313	0.1337	1.7639	2.1496	282.1900	45.4300	38.3383	50.0200	0.5700
07-07-13	95.6852	1.7740	0.1261	1.8830	2.1474	285.5600	38.8900	38.3607	49.9800	0.6200
08-07-13	95.5483	1.8500	0.1375	1.9590	2.4101	286.2200	41.3100	38.4799	50.1300	0.9100
09-07-13	95.5310	1.6260	0.1313	1.7556	2.4923	282.3200	42.8000	38.5097	50.1600	0.5200
10-07-13	95.7730	1.5527	0.1374	1.6855	2.6503	281.1700	41.5800	38.5507	50.2700	0.5200
11-07-13	95.5968	1.5138	0.1388	1.6481	2.8730	281.2100	39.4800	38.5693	50.1700	0.4000
12-07-13	95.6776	1.5281	0.1509	1.6610	3.0270	281.1500	43.4300	38.5395	50.2100	0.6400
13-07-13	95.4770	1.5908	0.1431	1.7339	2.8072	282.5200	43.7200	38.5544	50.1900	0.7800
14-07-13	95.2057	1.5563	0.1413	1.6941	3.0009	281.8200	45.9100	38.6103	50.0800	0.7300
15-07-13	95.1548	1.6893	0.1400	1.8235	3.3815	283.3700	42.4300	38.6923	50.1100	0.8600
16-07-13	95.3824	1.6703	0.1392	1.8065	3.0307	284.0200	40.6900	38.6811	50.4200	0.8500
17-07-13	95.6057	1.7335	0.1467	1.8719	3.0588	284.1000	35.8900	38.6923	50.3800	1.0400
18-07-13	95.4335	1.7936	0.1432	1.8869	2.8840	289.7400	34.4500	38.6624	50.3900	0.8900
19-07-13	95.5024	1.8601	0.1422	1.9598	2.8806	289.0800	39.5100	38.7742	50.3000	0.9800
20-07-13	95.4580	1.7289	0.1437	1.8588	2.5177	285.5200	33.9800	38.5171	50.1000	0.8900
21-07-13	95.5669	1.6941	0.1464	1.8381	2.6068	286.0100	34.5400	38.6624	50.2300	0.9000
22-07-13	95.8460	1.5807	0.1510	1.7259	2.9125	282.3100	36.4500	38.5358	50.1900	0.9900
23-07-13	95.1934	1.6155	0.1470	1.7472	2.9536	283.5900	38.5000	38.6028	50.1100	0.9100
24-07-13	95.5360	1.5735	0.1545	1.7197	2.8975	283.2900	49.1700	38.5768	50.1300	0.6000
25-07-13	95.2564	1.5066	0.1460	1.6526	2.7200	282.1200	41.6600	38.5320	50.1200	0.7000
26-07-13	95.6750	1.5241	0.1489	1.6708	2.4848	282.7600	44.5000	38.4799	50.1200	0.5700
27-07-13	95.4541	1.7196	0.1435	1.8406	2.8416	285.1200	43.6000	38.5991	50.0400	0.7200
28-07-13	95.6300	1.6986	0.1550	1.8244	2.5812	285.8100	49.0900	38.4687	50.0200	0.8200
29-07-13	95.6026	1.5312	0.1480	1.6789	2.6706	284.1000	42.4500	38.6438	50.2400	0.8000
30-07-13	95.5619	1.5897	0.1509	1.7363	2.7864	285.8900	45.5300	38.6923	50.3200	0.8300
31-07-13	95.6255	1.5577	0.1477	1.6997	2.7132	285.6400	44.5500	38.6662	50.3800	0.6800

Máximo	96.0291	1.8601	0.1550	1.9598	3.3815	289.7400	49.1700	38.7742	50.4200	1.0400
---------------	---------	--------	--------	--------	--------	----------	---------	---------	---------	--------

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)
01-07-13	95.3311	1.3700	0.1052	1.4860	1.8449	278.1100	38.8400	38.0589	49.6000	0.6500
02-07-13	95.2206	1.2859	0.1177	1.4090	1.9612	277.8500	33.9000	38.1073	49.6000	0.6800
03-07-13	95.4887	1.3697	0.1271	1.5026	2.0279	280.5200	34.0800	38.2563	49.8300	0.2300
04-07-13	95.1983	1.2130	0.1198	1.3459	1.9088	280.5200	33.6300	38.2191	49.7900	0.2300
05-07-13	94.8637	1.4150	0.1163	1.5380	1.7703	281.4000	34.9000	38.1222	49.6400	0.2400
06-07-13	95.4763	1.3594	0.1260	1.4862	1.9325	279.9000	35.1200	38.2489	49.7800	0.4500
07-07-13	95.2931	1.4168	0.1090	1.5425	1.9196	281.0700	32.7200	38.2265	49.7200	0.4000
08-07-13	95.1488	1.3220	0.1074	1.4484	1.9016	280.6200	29.4100	38.1483	49.6200	0.4000
09-07-13	95.1380	1.2887	0.1221	1.4123	2.1277	280.4700	29.5400	38.2973	49.8100	0.3900
10-07-13	95.2091	1.1156	0.1282	1.2499	2.1098	278.7600	31.4500	38.2787	49.8500	0.2300
11-07-13	95.0157	1.2469	0.1297	1.3779	2.3337	278.8600	31.7900	38.3346	49.9100	0.2300
12-07-13	94.8442	1.1545	0.1329	1.2985	2.4641	276.7700	32.8500	38.3830	49.9700	0.2700
13-07-13	94.8180	1.2521	0.1286	1.3860	2.2506	281.1200	33.6100	38.3681	49.8800	0.2700
14-07-13	94.6317	1.4042	0.1312	1.5354	2.5365	280.0500	36.2600	38.4314	49.9600	0.4600
15-07-13	94.2432	1.4291	0.1283	1.5587	2.2886	280.3400	33.9500	38.3718	49.8400	0.6400
16-07-13	94.7059	1.0386	0.1223	1.1697	2.5031	278.2900	35.5500	38.4613	49.8700	0.5600
17-07-13	94.7217	1.0938	0.1261	1.2253	1.8922	280.5000	28.5000	38.2265	49.7100	0.4600
18-07-13	94.7562	1.0630	0.0933	1.2062	2.2372	278.3700	28.5600	38.4314	49.8600	0.3900
19-07-13	94.7712	1.2789	0.0997	1.4133	1.9819	281.4100	29.0800	38.2414	49.7400	0.4700
20-07-13	95.1280	1.3967	0.1224	1.5198	2.0109	282.4300	30.1800	38.2899	49.7400	0.2900
21-07-13	95.0381	1.2358	0.1170	1.3777	1.9534	281.1100	27.7500	38.2154	49.7100	0.6100
22-07-13	94.8387	1.1792	0.1310	1.3254	1.9776	279.4000	29.2900	38.3197	49.8600	0.2500
23-07-13	94.7545	1.3751	0.1249	1.5162	2.3683	279.0100	30.4900	38.3793	49.8700	0.2500
24-07-13	94.9019	1.3268	0.1281	1.4733	2.2077	279.9800	34.7200	38.3234	49.8700	0.2400
25-07-13	94.9593	1.3592	0.1315	1.4907	2.4338	280.6100	35.9600	38.4314	49.9700	0.2500
26-07-13	95.2581	1.2959	0.1351	1.4310	2.1272	280.4700	34.9800	38.3234	49.8900	0.2600
27-07-13	94.6587	1.4260	0.1186	1.5598	2.2787	280.2900	35.3300	38.4091	49.8600	0.2600
28-07-13	94.9998	1.3801	0.1240	1.5311	2.0488	281.9500	38.4700	38.3197	49.8300	0.3100
29-07-13	94.9843	1.2400	0.1211	1.3779	2.1726	282.5700	36.2800	38.3793	49.9400	0.3900
30-07-13	95.0821	1.1801	0.1263	1.3092	2.2068	280.8300	36.5600	38.4389	49.9200	0.3300
31-07-13	95.1527	1.0880	0.1170	1.2141	2.0244	280.6800	35.0600	38.2563	49.8300	0.2900

Mínimo	94.2432	1.0386	0.0933	1.1697	1.7703	276.7700	27.7500	38.0589	49.6000	0.2300
---------------	---------	--------	--------	--------	--------	----------	---------	---------	---------	--------

Observaciones: