

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

PERMISIONARIO: GASODUCTOS DE CHIHUAHUA S. DE R.L. DE C.V.  
PUNTO DE MEDICIÓN: GLORIA A DIOS  
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 Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
01/08/2013	92.6678	0.4235	1.9353	2.3588	4.3149	235.6379	25.0268	38.5407	49.9528	0.1227		
02/08/2013	92.1852	0.4142	1.9510	2.3652	4.6749	240.3248	24.0408	38.7068	50.0478	0.1533		
03/08/2013	91.7224	0.4130	1.9738	2.3868	4.8305	231.0108	23.9317	38.9218	50.1617	0.1748		
04/08/2013	91.9488	0.4335	1.9740	2.4075	4.8399	232.5142	23.6370	38.7543	50.0520	0.1065		
05/08/2013	92.0189	0.4245	1.9215	2.3460	4.8753	231.9561	23.3204	38.7614	50.0855	0.1088		
06/08/2013	91.5126	0.4214	1.9270	2.3484	5.2230	230.4772	23.3257	38.9562	50.1971	0.1357		
07/08/2013	92.2566	0.4790	1.8052	2.2842	4.7249	232.1734	24.8705	38.7317	50.0831	0.1414		
08/08/2013	92.4454	0.4414	1.9155	2.3569	4.4785	234.9225	24.5811	38.6231	49.9969	0.1470		
09/08/2013	92.2202	0.4115	1.9666	2.3781	4.6248	234.5844	23.3085	38.6999	50.0385	0.1538		
10/08/2013	92.2226	0.4192	1.9698	2.3890	4.7242	233.4646	23.7640	38.6485	50.0028	0.1360		
11/08/2013	92.5042	0.4006	1.9613	2.3619	4.4818	232.6432	24.1092	38.5829	49.9811	0.1377		
12/08/2013	92.7336	0.4151	1.9743	2.3894	4.2284	231.4139	24.7606	38.5002	49.9176	0.1451		
13/08/2013	92.5629	0.3593	2.0560	2.4153	4.3521	233.6573	24.9613	38.5355	49.9394	0.1519		
14/08/2013	92.8311	0.4196	1.9630	2.3826	4.1287	231.3077	24.9718	38.4775	49.9063	0.1791		
15/08/2013	93.2303	0.4710	1.8919	2.3629	3.8045	228.8946	24.9160	38.3589	49.8345	0.1470		
16/08/2013	93.0373	0.4107	1.9991	2.4098	3.9403	229.8545	25.0495	38.3851	49.8429	0.1339		
17/08/2013	92.8232	0.4116	2.0147	2.4263	4.1008	231.1622	24.3817	38.4478	49.8716	0.1237		
18/08/2013	92.5490	0.4161	2.0135	2.4296	4.3210	230.4299	24.3238	38.5299	49.9094	0.1380		
19/08/2013	92.9664	0.4110	2.0375	2.4485	3.9776	228.4799	24.8008	38.3792	49.8216	0.1183		
20/08/2013	93.3237	0.4385	1.9892	2.4277	3.7098	230.9467	25.5113	38.2708	49.7622	0.0928		
21/08/2013	93.0924	0.4208	1.9461	2.3669	4.0019	240.8658	24.7720	38.3672	49.8408	0.0911		
22/08/2013	92.9320	0.3910	1.9870	2.3780	4.0332	237.7639	23.6467	38.4510	49.8992	0.0895		
23/08/2013	93.0871	0.4090	1.9469	2.3559	3.9670	228.0662	22.7788	38.4028	49.8776	0.1034		
24/08/2013	93.1552	0.4353	1.8962	2.3315	3.8945	231.4294	23.8275	38.4118	49.8875	0.1216		
25/08/2013	93.3209	0.4136	1.9696	2.3832	3.7525	232.8582	23.9379	38.3033	49.8067	0.0869		
26/08/2013	93.2043	0.3842	1.9820	2.3662	3.8661	230.1590	23.3609	38.3559	49.8516	0.0883		
27/08/2013	93.3044	0.4025	1.9963	2.3988	3.7446	234.4292	23.3069	38.2984	49.7994	0.0743		
28/08/2013	93.3711	0.3607	1.9598	2.3205	3.7379	229.8680	23.6134	38.3369	49.8665	0.1080		
29/08/2013	93.2781	0.3556	2.0042	2.3598	3.7397	234.9278	24.5104	38.3560	49.8610	0.1249		
30/08/2013	93.3385	0.3734	2.0095	2.3829	3.6520	235.7894	25.2235	38.3265	49.8294	0.1086		
31/08/2013	93.2681	0.3632	2.0575	2.4207	3.7028	241.2487	24.9998	38.3145	49.8079	0.1285		

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

Mínimo	91.5126	0.3556	1.8052	2.2842	3.6520	228.0662	22.7788	38.2708	49.7622	0.0743	0.0000	0.0000
Promedio	92.7456	0.4111	1.9676	2.3787	4.2080	233.0084	24.2442	38.5076	49.9269	0.1249		
Máximo	93.3711	0.4790	2.0575	2.4485	5.2230	241.2487	25.5113	38.9562	50.1971	0.1791	0.0000	0.0000
Desv. Est.	0.5281	0.0289	0.0507	0.0351	0.4362	3.4522	0.7189	0.1875	0.1115	0.0262		

Observaciones:

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

PERMISIONARIO: GASODUCTOS DE CHIHUAHUA S. DE R.L. DE C.V.  
 PUNTO DE MEDICIÓN: GLORIA A DIOS  
 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 Sulfídrico (mg/m <sup>3</sup> )
01/08/2013						248.1404	25.9564			0.4503
02/08/2013						247.5055	24.9921			0.5677
03/08/2013						242.4244	24.8429			0.5421
04/08/2013						242.9538	24.5899			0.3480
05/08/2013						240.6018	24.1950			0.3883
06/08/2013						239.8606	24.2511			0.4700
07/08/2013						242.3635	25.8188			0.4095
08/08/2013						242.6308	25.4553			0.4760
09/08/2013						242.5680	24.1267			0.5231
10/08/2013						242.4445	24.6721			0.4396
11/08/2013						245.1097	25.0233			0.3960
12/08/2013						246.7622	25.6900			0.4582
13/08/2013						243.0713	25.9074			0.4520
14/08/2013						242.5705	25.8389			0.5582
15/08/2013						236.3179	25.8313			0.4571
16/08/2013						250.8363	26.0052			0.3951
17/08/2013						243.1872	25.3515			0.3935
18/08/2013						241.5591	25.3222			0.4106
19/08/2013						239.5181	25.7818			0.4346
20/08/2013						242.8693	26.4381			0.3232
21/08/2013						243.7482	25.8337			0.3733
22/08/2013						245.9625	24.7592			0.3916
23/08/2013						239.3899	23.6990			0.5028
24/08/2013						242.6375	24.7297			0.4221
25/08/2013						244.2610	24.8476			0.3675
26/08/2013						240.0855	24.2613			0.3818
27/08/2013						242.9208	24.0462			0.3390
28/08/2013						242.9065	24.3514			0.4274
29/08/2013						245.6407	25.3703			0.4220
30/08/2013						244.3219	26.1483			0.3932
31/08/2013						244.1337	26.0619			0.4498

Máximo						250.8363	26.4381			0.5677
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Observaciones:

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

PERMISIONARIO: GASODUCTOS DE CHIHUAHUA S. DE R.L. DE C.V.  
 PUNTO DE MEDICIÓN: GLORIA A DIOS  
 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> )
01/08/2013						222.2836	23.9478			0.0224
02/08/2013						229.2596	22.9511			0.0235
03/08/2013						219.6596	22.8221			0.0353
04/08/2013						223.7526	22.6222			0.0344
05/08/2013						221.9810	22.3250			0.0272
06/08/2013						222.0194	22.2901			0.0227
07/08/2013						224.0432	23.7960			0.0297
08/08/2013						226.8869	23.5201			0.0345
09/08/2013						227.7566	22.4052			0.0243
10/08/2013						226.0987	22.7498			0.0263
11/08/2013						221.3717	23.0630			0.0353
12/08/2013						222.2286	23.7073			0.0333
13/08/2013						222.0094	23.9092			0.0287
14/08/2013						220.3387	23.9942			0.0339
15/08/2013						220.4146	23.8456			0.0313
16/08/2013						220.2724	23.9116			0.0303
17/08/2013						218.7399	23.3328			0.0249
18/08/2013						217.8435	23.2057			0.0258
19/08/2013						221.5289	23.7560			0.0224
20/08/2013						218.5291	24.4369			0.0120
21/08/2013						229.7959	23.7140			0.0082
22/08/2013						221.2738	22.4923			0.0045
23/08/2013						219.3953	21.8168			0.0007
24/08/2013						221.4752	22.8493			0.0164
25/08/2013						222.0365	22.9078			0.0113
26/08/2013						221.7952	22.3425			0.0040
27/08/2013						225.2069	22.3386			0.0004
28/08/2013						219.7733	22.7737			0.0042
29/08/2013						226.4198	23.5181			0.0111
30/08/2013						222.6436	24.0590			0.0121
31/08/2013						228.8846	23.7538			0.0081
<b>Mínimo</b>						217.8435	21.8168			0.0004

Observaciones:

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

(Valores promedio diarios)

PERMISIONARIO: GASODUCTOS DE CHIHUAHUA S. DE R.L. DE C.V.  
 PUNTO DE MEDICIÓN: SAMALAYUCA  
 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> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
01/08/2013	92.0214	0.4237	1.9018	2.3255	4.9878	237.6257	25.0268	38.7546	50.0914	0.1227		
02/08/2013	91.8066	0.4132	1.9217	2.3349	5.0945	237.4192	24.0408	38.8361	50.1366	0.1533		
03/08/2013	91.2070	0.4123	1.9366	2.3489	5.3810	231.8498	23.9317	39.0950	50.2784	0.1748		
04/08/2013	91.6825	0.4270	1.9650	2.3920	5.1215	233.9789	23.6370	38.8422	50.1112	0.1065		
05/08/2013	92.0013	0.4229	1.9134	2.3363	4.9205	232.7614	23.3204	38.7685	50.0947	0.1088		
06/08/2013	91.3704	0.4180	1.9211	2.3391	5.3849	233.4676	23.3257	39.0026	50.2288	0.1357		
07/08/2013	92.0530	0.4722	1.8002	2.2724	4.9405	233.8745	24.8705	38.8048	50.1325	0.1414		
08/08/2013	92.4370	0.4400	1.9105	2.3505	4.4975	235.5461	24.5811	38.6288	50.0033	0.1470		
09/08/2013	92.0150	0.4074	1.9584	2.3658	4.8318	251.1748	23.3085	38.7791	50.0905	0.1538		
10/08/2013	92.0948	0.4131	1.9650	2.3781	4.8755	251.1770	23.7640	38.6900	50.0331	0.1360		
11/08/2013	92.5026	0.3989	1.9496	2.3485	4.4989	234.6328	24.1092	38.5937	49.9937	0.1377		
12/08/2013	92.8166	0.4099	1.9648	2.3747	4.1695	232.9592	24.7606	38.4843	49.9161	0.1451		
13/08/2013	92.5958	0.3580	2.0443	2.4023	4.3405	235.6944	24.9613	38.5341	49.9448	0.1519		
14/08/2013	92.8410	0.4088	1.9613	2.3701	4.1389	232.0664	24.9718	38.4817	49.9169	0.1791		
15/08/2013	93.1289	0.4740	1.8681	2.3421	3.9388	231.7972	24.9160	38.3988	49.8666	0.1470		
16/08/2013	92.6650	0.4074	1.9801	2.3875	4.3434	232.6835	25.0495	38.5049	49.9233	0.1339		
17/08/2013	92.4164	0.4088	1.9848	2.3936	4.5511	232.7075	24.3817	38.5838	49.9657	0.1237		
18/08/2013	92.2257	0.4136	1.9835	2.3971	4.6825	231.0264	24.3238	38.6425	49.9891	0.1380		
19/08/2013	92.7154	0.4088	2.0091	2.4179	4.2517	232.1573	24.8008	38.4760	49.8921	0.1183		
20/08/2013	93.3161	0.4366	1.9617	2.3983	3.7410	232.3791	25.5113	38.2995	49.7926	0.0928		
21/08/2013	93.0030	0.4206	1.9329	2.3535	4.1032	239.5624	24.7720	38.4131	49.8816	0.0911		
22/08/2013	92.7153	0.3911	1.9520	2.3431	4.2825	234.6776	23.6467	38.5408	49.9677	0.0895		
23/08/2013	92.9412	0.4068	1.9208	2.3276	4.1396	231.2346	22.7788	38.4665	49.9280	0.1034		
24/08/2013	93.0366	0.4390	1.8568	2.2958	4.0392	233.8406	23.8275	38.4743	49.9391	0.1216		
25/08/2013	93.2747	0.4125	1.9350	2.3475	3.8299	233.3635	23.9379	38.3440	49.8468	0.0869		
26/08/2013	93.1524	0.3829	1.9484	2.3313	3.9513	233.2648	23.3609	38.3983	49.8922	0.0883		
27/08/2013	93.3225	0.4019	1.9651	2.3670	3.7495	235.2100	23.3069	38.3196	49.8261	0.0743		
28/08/2013	93.1815	0.3612	1.9215	2.2827	3.9652	232.2739	23.6134	38.4193	49.9313	0.1080		
29/08/2013	92.7241	0.3534	1.9584	2.3118	4.3400	236.2087	24.5104	38.5496	49.9954	0.1249		
30/08/2013	93.0674	0.3749	1.9643	2.3392	3.9616	235.0534	25.2235	38.4353	49.9118	0.1086		
31/08/2013	93.0171	0.3612	2.0171	2.3783	3.9925	240.1475	24.9998	38.4218	49.8905	0.1285		

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

Mínimo	91.2070	0.3534	1.8002	2.2724	3.7410	231.0264	22.7788	38.2995	49.7926	0.0743	0.0000	0.0000
Promedio	92.5596	0.4090	1.9443	2.3533	4.4208	235.2199	24.2442	38.5801	49.9810	0.1249		
Máximo	93.3225	0.4740	2.0443	2.4179	5.3849	251.1770	25.5113	39.0950	50.2784	0.1791	0.0000	0.0000
Desv. Est.	0.5802	0.0286	0.0475	0.0351	0.4817	4.8202	0.7189	0.1987	0.1161	0.0262		

Observaciones:



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(Registros máximos diarios)

PERMISIONARIO: GASODUCTOS DE CHIHUAHUA S. DE R.L. DE C.V.  
 PUNTO DE MEDICIÓN: SAMALAYUCA  
 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> )
01/08/2013						248.4377	25.9564			0.4503
02/08/2013						244.4907	24.9921			0.5677
03/08/2013						238.8618	24.8429			0.5421
04/08/2013						241.1239	24.5899			0.3480
05/08/2013						239.5210	24.1950			0.3883
06/08/2013						238.7770	24.2511			0.4700
07/08/2013						241.4905	25.8188			0.4095
08/08/2013						243.1371	25.4553			0.4760
09/08/2013						267.4596	24.1267			0.5231
10/08/2013						264.2836	24.6721			0.4396
11/08/2013						244.2325	25.0233			0.3960
12/08/2013						238.3586	25.6900			0.4582
13/08/2013						247.0197	25.9074			0.4520
14/08/2013						236.4058	25.8389			0.5582
15/08/2013						238.0658	25.8313			0.4571
16/08/2013						249.4884	26.0052			0.3951
17/08/2013						243.9873	25.3515			0.3935
18/08/2013						236.5126	25.3222			0.4106
19/08/2013						241.8744	25.7818			0.4346
20/08/2013						241.4894	26.4381			0.3232
21/08/2013						245.9617	25.8337			0.3733
22/08/2013						244.2753	24.7592			0.3916
23/08/2013						238.6443	23.6990			0.5028
24/08/2013						241.3620	24.7297			0.4221
25/08/2013						237.6141	24.8476			0.3675
26/08/2013						238.0328	24.2613			0.3818
27/08/2013						242.1935	24.0462			0.3390
28/08/2013						237.0585	24.3514			0.4274
29/08/2013						245.8764	25.3703			0.4220
30/08/2013						245.5156	26.1483			0.3932
31/08/2013						248.3426	26.0619			0.4498

Máximo						267.4596	26.4381			0.5677
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Observaciones:

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(Registros mínimos diarios)

PERMISIONARIO: GASODUCTOS DE CHIHUAHUA S. DE R.L. DE C.V.  
 PUNTO DE MEDICIÓN: SAMALAYUCA  
 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 Sulfhídrico (mg/m <sup>3</sup> )
01/08/2013						229.0657	23.9478			0.0224
02/08/2013						231.0414	22.9511			0.0235
03/08/2013						225.9448	22.8221			0.0353
04/08/2013						228.6674	22.6222			0.0344
05/08/2013						229.6761	22.3250			0.0272
06/08/2013						228.6816	22.2901			0.0227
07/08/2013						230.9670	23.7960			0.0297
08/08/2013						231.3058	23.5201			0.0345
09/08/2013						174.4163	22.4052			0.0243
10/08/2013						229.7284	22.7498			0.0263
11/08/2013						228.0120	23.0630			0.0353
12/08/2013						228.7600	23.7073			0.0333
13/08/2013						230.2113	23.9092			0.0287
14/08/2013						227.8208	23.9942			0.0339
15/08/2013						228.9294	23.8456			0.0313
16/08/2013						227.5045	23.9116			0.0303
17/08/2013						227.2043	23.3328			0.0249
18/08/2013						226.0837	23.2057			0.0258
19/08/2013						227.5901	23.7560			0.0224
20/08/2013						227.0142	24.4369			0.0120
21/08/2013						231.9981	23.7140			0.0082
22/08/2013						228.7615	22.4923			0.0045
23/08/2013						226.5904	21.8168			0.0007
24/08/2013						229.6599	22.8493			0.0164
25/08/2013						228.7718	22.9078			0.0113
26/08/2013						228.2412	22.3425			0.0040
27/08/2013						229.9702	22.3386			0.0004
28/08/2013						227.8581	22.7737			0.0042
29/08/2013						231.0707	23.5181			0.0111
30/08/2013						229.6564	24.0590			0.0121
31/08/2013						231.0673	23.7538			0.0081
<b>Mínimo</b>						174.4163	21.8168			0.0004

Observaciones: