

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



(Valores promedio diarios)

<b>PERMISIONARIO:</b>	<b>TARAHUMARA PIPELINE</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>EL ENCINO</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> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
01/11/2016	91.5238	0.7637	1.1806	1.9443	6.2948	243.1973	36.1063	38.9872	50.3125	0.0149	1.0000	0.0050
02/11/2016	91.3547	0.7216	1.1995	1.9212	6.4997	245.1880	32.6215	39.0390	50.3624	0.0141		
03/11/2016	91.2012	0.5590	1.5285	2.0874	6.4346	248.9295	29.6500	38.9842	50.2943	0.0196		
04/11/2016	90.6695	0.2845	2.1456	2.4300	6.5157	250.4718	26.9073	38.9401	50.1799	0.0156		
05/11/2016	91.0427	0.6681	1.3581	2.0262	6.7288	249.7676	25.6995	39.0425	50.3312	0.0209		
06/11/2016	90.7850	0.6828	1.3519	2.0346	6.9845	249.9091	24.0975	39.1076	50.3605	0.0191		
07/11/2016	91.0423	0.7031	1.2907	1.9937	6.7796	249.8171	22.7319	39.0587	50.3461	0.0129		
08/11/2016	91.0346	0.5520	1.6115	2.1635	6.5678	249.7183	23.3182	38.9676	50.2543	0.0178		
09/11/2016	90.7500	0.3023	2.0803	2.3826	6.5166	249.6611	23.2580	38.9391	50.1958	0.0123		
10/11/2016	90.5708	0.3970	1.9994	2.3964	6.7069	249.5999	23.8941	38.9685	50.1870	0.0156		
11/11/2016	91.0960	0.4165	1.8483	2.2648	6.2708	248.7885	24.5052	38.9271	50.2155	0.0194		
12/11/2016	90.2864	0.3808	1.9992	2.3800	6.9926	249.3780	24.9653	39.0738	50.2558	0.0120		
13/11/2016	89.2121	0.1901	2.4365	2.6266	7.7627	247.9715	24.0533	39.2187	50.2780	0.0098		
14/11/2016	90.3007	0.2985	2.1703	2.4687	6.8292	248.5299	23.2076	39.0317	50.2128	0.0171		
15/11/2016	90.5377	0.4415	2.0337	2.4752	6.6319	247.5924	23.5523	38.9466	50.1289	0.0161		
16/11/2016	89.8508	0.3004	2.3091	2.6095	6.9929	247.5403	22.4818	39.1244	50.2026	0.0214		
17/11/2016	90.8088	0.3717	2.1144	2.4861	6.3530	246.9286	21.7616	38.8551	50.0867	0.0106		
18/11/2016	91.0565	0.2997	2.1590	2.4587	6.1681	247.2390	20.2047	38.7846	50.0748	0.0162		
19/11/2016	90.5935	0.3479	2.1087	2.4566	6.5686	244.2647	20.3288	38.9059	50.1385	0.0217		
20/11/2016	89.2216	0.2119	2.3835	2.5954	7.7630	244.7924	18.5095	39.2394	50.3044	0.0210		
21/11/2016	90.8166	0.3908	1.9603	2.3511	6.5453	244.2511	18.1404	38.9235	50.1794	0.0197		
22/11/2016	91.1361	0.3671	2.0119	2.3790	6.1752	245.3126	16.9692	38.8124	50.1106	0.0158		
23/11/2016	91.7157	0.3540	1.9110	2.2650	5.7592	244.3726	16.2458	38.7064	50.1033	0.0163		
24/11/2016	90.3893	0.3012	2.1799	2.4810	6.8121	244.2633	14.7718	38.9678	50.1792	0.0193		
25/11/2016	89.9614	0.2388	2.3967	2.6355	7.0732	244.5795	14.5099	38.9980	50.1462	0.0132		
26/11/2016	90.1304	0.2754	2.3254	2.6008	6.9414	244.4267	14.5104	38.9733	50.1380	0.0186		
27/11/2016	90.1642	0.2538	2.3149	2.5687	6.9275	244.1597	13.9043	38.9889	50.1671	0.0167		
28/11/2016	90.2610	0.2459	2.2483	2.4942	6.9033	244.2528	14.2141	39.0124	50.2150	0.0150		
29/11/2016	91.2812	0.2628	2.1195	2.3823	6.0372	243.1584	13.9415	38.7800	50.1264	0.0166		
30/11/2016	90.3785	0.2797	2.2306	2.5103	6.7664	242.1778	13.8124	38.9605	50.1697	0.0233		

\*/ 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>	89.2121	0.1901	1.1806	1.9212	5.7592	242.1778	13.8124	38.7064	50.0748	0.0098		
<b>Promedio</b>	90.6391	0.3954	1.9669	2.3623	6.6767	246.6746	21.4291	38.9755	50.2086	0.0168		
<b>Máximo</b>	91.7157	0.7637	2.4365	2.6355	7.7630	250.4718	36.1063	39.2394	50.3624	0.0233		
<b>Desv. Est.</b>	0.602542838	0.165952495	0.375338825	0.214733314	0.432306157	2.571300978	5.716576004	0.117568502	0.083881025	0.003412128		

Observaciones:

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

**(Registros máximos diarios)**



<b>PERMISIONARIO:</b>	<b>TARAHUMARA PIPELINE</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>EL ENCINO</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> )
01/11/2016	91.8434	0.7937	1.2132	2.0069	6.5287	245.1225	38.6747	39.0538	50.3509	0.0429
02/11/2016	91.7002	0.8329	1.3105	2.1433	6.8066	245.8760	35.0544	39.1329	50.4227	0.0377
03/11/2016	91.7794	0.7383	2.4622	3.2005	7.0803	249.9165	31.3547	39.1061	50.2126	0.0525
04/11/2016	91.2820	0.4236	2.4505	2.8741	7.1479	251.4047	27.5767	39.0652	50.2117	0.0296
05/11/2016	92.1134	0.7710	1.7594	2.5304	7.2795	252.0841	27.0373	39.1770	50.3939	0.0814
06/11/2016	91.0753	0.7159	1.4117	2.1276	7.6645	251.8815	25.4959	39.2870	50.4540	0.0709
07/11/2016	91.3635	0.7553	1.4114	2.1667	7.0168	251.4864	24.2979	39.1457	50.4017	0.0498
08/11/2016	91.5067	0.7382	0.0000	0.7382	7.0287	250.9676	24.3419	39.0963	50.3004	0.0716
09/11/2016	91.9853	0.5251	2.5178	3.0429	7.2271	251.3250	24.1464	39.1225	50.2616	0.0365
10/11/2016	91.2636	0.5911	2.3921	2.9832	7.3470	251.1453	24.6151	39.1631	50.2899	0.0514
11/11/2016	91.6976	0.5625	2.1842	2.7467	6.8050	251.0034	25.1831	39.0679	50.2705	0.0498
12/11/2016	91.4357	0.4604	2.2052	2.6656	7.5329	250.2469	25.5208	39.3052	50.4099	0.0436
13/11/2016	90.7813	0.3733	2.5251	2.8983	8.4573	250.9016	25.5313	39.4391	50.3860	0.0324
14/11/2016	91.5704	0.4940	2.4509	2.9449	7.9672	250.3002	24.6604	39.2417	50.2832	0.0843
15/11/2016	91.4888	0.5459	2.3706	2.9165	7.9904	249.7177	24.7845	39.3698	50.4031	0.0341
16/11/2016	90.5772	0.3919	2.4747	2.8666	7.4311	249.4090	23.9161	39.2870	50.3046	0.0962
17/11/2016	91.7448	0.4361	2.2415	2.6776	6.6992	248.4540	22.9781	39.0496	50.1983	0.0558
18/11/2016	91.9484	0.4621	2.4476	2.9097	6.8640	248.5566	22.9061	38.9794	50.1643	0.1158
19/11/2016	91.9492	0.6064	2.3666	2.9730	7.4932	248.4956	21.2344	39.3018	50.3429	0.1211
20/11/2016	90.4032	0.2856	2.5483	2.8339	8.7762	247.6162	20.2008	39.4920	50.3659	0.1028
21/11/2016	91.4605	0.4757	2.4385	2.9141	7.8369	246.7477	18.7625	39.2036	50.2350	0.0549
22/11/2016	91.7389	0.4968	2.4376	2.9343	7.2784	247.7623	17.3832	39.1856	50.3073	0.0618
23/11/2016	92.1854	0.4920	2.1390	2.6309	6.1024	246.5505	17.3857	38.8630	50.2251	0.0688
24/11/2016	91.2973	0.4152	2.3266	2.7417	7.2271	246.6239	16.2845	39.0720	50.2151	0.0695
25/11/2016	90.2943	0.3226	2.4353	2.7579	7.3900	245.9547	15.3148	39.0647	50.1732	0.0532
26/11/2016	90.5498	0.3209	2.3897	2.7106	7.3098	245.6493	15.0547	39.0523	50.1517	0.0450
27/11/2016	90.6104	0.3172	2.4530	2.7702	7.3268	245.8957	14.8039	39.0458	50.1387	0.0550
28/11/2016	91.3888	0.3649	2.4539	2.8188	7.3967	245.4448	15.2937	39.1394	50.2482	0.0591
29/11/2016	92.8072	0.4553	2.3710	2.8263	7.1159	246.0961	15.4632	39.0306	50.1593	0.0804
30/11/2016	91.5289	0.4707	2.5118	2.9825	8.1169	245.5162	15.1063	39.2704	50.2453	0.1466

<b>Máximo</b>	92.8072	0.8329	2.5483	3.2005	8.7762	252.0841	38.6747	39.4920	50.4540	0.1466
---------------	---------	--------	--------	--------	--------	----------	---------	---------	---------	--------

**Observaciones:**

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

(Registros mínimos diarios)



<b>PERMISIONARIO:</b>	<b>TARAHUMARA PIPELINE</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>EL ENCINO</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> )
01/11/2016	91.3112	0.7382	1.1235	1.8617	5.9740	242.1701	34.6012	38.8782	50.2386	0.0025
02/11/2016	91.0394	0.6381	1.1005	1.7386	6.1581	243.1231	31.1231	38.9304	50.2765	0.0029
03/11/2016	89.7563	0.1992	1.1165	1.3158	6.1263	246.3634	27.5804	38.9150	50.3062	0.0029
04/11/2016	89.8518	0.1402	1.7918	1.9320	6.1262	249.3061	26.3985	38.8564	50.1801	0.0037
05/11/2016	90.5223	0.3547	1.1032	1.4579	5.4540	247.9992	24.9012	38.7205	50.1772	0.0025
06/11/2016	90.0887	0.6587	1.2906	1.9493	6.6382	248.2599	23.5852	39.0241	50.3122	0.0022
07/11/2016	90.8272	0.6396	1.1903	1.8299	6.5411	249.0508	11.0566	39.0056	50.3395	0.0007
08/11/2016	90.3635	0.4319	0.0000	0.4319	6.0482	247.8478	22.6833	38.7839	50.1246	0.0024
09/11/2016	89.7496	0.1053	1.5986	1.7039	5.6477	247.6928	22.5932	38.7109	50.1325	0.0025
10/11/2016	89.9220	0.1732	1.6462	1.8194	6.1760	246.6833	23.4182	38.8271	50.1212	0.0027
11/11/2016	90.3735	0.2801	1.5159	1.7960	5.9148	248.0828	23.6175	38.7745	50.1170	0.0025
12/11/2016	89.5564	0.2206	1.7862	2.0069	6.0583	247.4749	24.3109	38.8041	50.1458	0.0023
13/11/2016	88.4659	0.1213	2.0055	2.1268	6.5479	245.6507	23.6492	38.9114	50.1668	0.0022
14/11/2016	89.0556	0.1496	1.7235	1.8731	5.8932	245.9960	4.3944	38.7823	50.1243	0.0004
15/11/2016	89.2459	0.2546	1.7909	2.0455	5.7252	244.7593	22.9043	38.7355	50.0307	0.0022
16/11/2016	89.3427	0.2348	2.1073	2.3420	6.2950	245.6721	21.7974	38.8308	50.0150	0.0021
17/11/2016	90.2899	0.3027	1.8671	2.1698	5.6884	245.5190	9.9451	38.6769	50.0512	0.0015
18/11/2016	90.2033	0.1485	1.8296	1.9781	5.2616	244.2751	3.6307	38.5258	49.9558	0.0015
19/11/2016	89.3557	0.1657	1.5969	1.7626	5.2780	241.8781	19.4690	38.5082	49.9378	0.0025
20/11/2016	88.0044	0.1688	2.1871	2.3559	6.8310	242.0765	17.7681	38.9871	50.2133	0.0024
21/11/2016	89.2024	0.1762	1.7540	1.9303	6.0476	243.1434	17.2479	38.7930	50.1378	0.0025
22/11/2016	89.6581	0.0977	1.7823	1.8799	5.7087	243.6281	16.6495	38.6778	50.0504	0.0025
23/11/2016	91.2391	0.1816	1.7414	1.9231	5.3403	243.6152	15.7289	38.5887	50.0268	0.0025
24/11/2016	89.8763	0.1844	1.9181	2.1025	6.1033	243.0985	3.7834	38.7814	50.1020	0.0015
25/11/2016	89.6645	0.2065	2.2811	2.4876	6.7828	243.6223	13.1167	38.8808	50.0688	0.0015
26/11/2016	89.7265	0.2122	2.2108	2.4230	6.5771	243.2995	14.0522	38.8385	50.0493	0.0024
27/11/2016	89.6353	0.1986	2.2253	2.4239	6.5175	242.1383	13.5115	38.8948	50.1387	0.0023
28/11/2016	89.6412	0.1376	1.8730	2.0106	6.0649	241.5408	13.7319	38.7890	50.1466	0.0023
29/11/2016	89.8852	0.1302	1.7726	1.9028	4.6704	240.6722	4.9219	38.4027	49.9579	0.0008
30/11/2016	88.7646	0.1475	1.8988	2.0462	5.8757	240.8263	5.0239	38.6864	50.0472	0.0026

<b>Mínimo</b>	88.0044	0.0977	0.0000	0.4319	4.6704	240.6722	3.6307	38.4027	49.9378	0.0004
---------------	---------	--------	--------	--------	--------	----------	--------	---------	---------	--------

**Observaciones:**