

**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)
01/07/2016	90.5100	0.5637	1.4933	2.0570	7.0327	255.6585	6.4234	39.2463	50.4569	0.4256		
02/07/2016	90.1167	0.6413	1.3452	1.9865	7.5832	255.1973	7.1010	39.3795	50.5469	0.3844		
03/07/2016	90.6308	0.5754	1.5222	2.0976	6.9265	255.6055	6.5275	39.1631	50.3889	0.3661		
04/07/2016	90.4955	0.4128	2.0140	2.4268	6.7536	256.0544	6.7470	38.9710	50.1706	0.3547		
05/07/2016	90.6126	0.4624	1.8836	2.3460	6.7398	256.0127	7.7289	38.9821	50.2013	0.4142		
06/07/2016	90.7729	0.4622	1.7967	2.2589	6.6272	256.8079	8.5987	39.0065	50.2536	0.4211		
07/07/2016	90.8824	0.6466	1.4546	2.1011	6.7554	256.7759	9.5358	39.0563	50.3100	0.5149		
08/07/2016	91.1194	0.4660	1.8055	2.2715	6.3146	256.5816	9.9282	38.8880	50.1791	0.6110		
09/07/2016	91.6737	0.2635	2.0917	2.3552	5.6826	256.4373	10.0436	38.6741	50.0652	0.5492		
10/07/2016	91.4533	0.3992	1.8400	2.2392	6.0142	256.0395	9.8866	38.8128	50.1653	0.5881		
11/07/2016	91.8958	0.5903	1.3390	1.9293	5.8790	255.7261	10.2246	38.8978	50.3079	0.5332		
12/07/2016	91.7089	0.4906	1.6796	2.1702	5.8151	256.5035	10.0484	38.7932	50.1636	0.4531		
13/07/2016	91.0644	0.4859	1.6855	2.1714	6.3605	256.9913	8.2383	39.0071	50.2870	0.4783		
14/07/2016	91.6220	0.6254	1.4742	2.0996	5.9918	258.3948	8.2575	38.8568	50.2005	0.5286		
15/07/2016	91.6246	0.6796	1.3729	2.0525	6.0746	258.2882	8.8662	38.8744	50.2191	0.5263		
16/07/2016	90.3795	0.6025	1.6957	2.2981	7.0699	257.9978	8.5539	39.0647	50.2380	0.3890		
17/07/2016	91.2398	0.7710	1.2485	2.0196	6.5057	257.1746	9.4028	39.0011	50.2857	0.4188		
18/07/2016	91.9616	0.8436	1.0811	1.9247	5.8585	256.7514	9.9603	38.8626	50.2311	0.5332		
19/07/2016	91.7515	0.6880	1.4189	2.1069	5.8678	258.8040	9.0985	38.8082	50.1547	0.5606		
20/07/2016	91.8762	0.7736	1.2321	2.0057	5.8400	261.3703	9.6431	38.8409	50.1987	1.5973		
21/07/2016	91.8687	0.7914	1.1835	1.9749	5.8941	261.5457	9.8081	38.8628	50.2210	1.3707		
22/07/2016	91.5046	0.7874	1.2503	2.0378	6.2161	261.3561	9.1578	38.9177	50.2256	1.0298		
23/07/2016	91.4695	0.7728	1.2128	1.9856	6.1793	261.0314	10.2919	39.0135	50.3067	1.2426		
24/07/2016	91.1983	0.6759	1.4085	2.0844	6.4242	261.0476	10.8365	38.9902	50.2723	0.9954		
25/07/2016	91.4390	0.6893	1.3358	2.0251	6.2156	261.0925	9.9443	38.9698	50.2837	0.5790		
26/07/2016	91.4459	0.7016	1.1620	1.8636	6.4643	260.8760	11.0367	39.0449	50.3960	0.5332		
27/07/2016	91.3241	0.6894	1.2573	1.9467	6.5002	259.9098	11.6134	39.0252	50.3507	0.5126		
28/07/2016	91.2393	0.6472	1.4058	2.0530	6.4377	258.8113	10.4200	38.9935	50.2949	0.5172		
29/07/2016	91.5383	0.7485	1.3108	2.0593	6.1291	257.3335	11.3731	38.9062	50.2183	0.5172		
30/07/2016	91.5171	0.7174	1.2846	2.0019	6.1805	257.0122	9.5422	38.9579	50.2806	0.4737		
31/07/2016	92.2927	0.7604	1.1906	1.9510	5.5099	256.4575	8.4369	38.7585	50.1787	0.5355		

\*/ 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>	90.1167	0.2635	1.0811	1.8636	5.5099	255.1973	6.4234	38.6741	50.0652	0.3547		
<b>Promedio</b>	91.2977	0.6266	1.4670	2.0936	6.3175	257.9241	9.2669	38.9557	50.2598	0.6114		
<b>Máximo</b>	92.2927	0.8436	2.0917	2.4268	7.5832	261.5457	11.6134	39.3795	50.5469	1.5973		
<b>Desv. Est.</b>	0.528821114	0.139565425	0.268096118	0.141451976	0.465323931	2.073717857	1.358050641	0.141617943	0.096917148	0.304849026		

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> )
01/07/2016	90.9385	0.7109	2.1245	2.8355	7.3542	258.3695	12.0223	39.5597	50.7495	0.7035
02/07/2016	90.7152	0.6973	1.5856	2.2830	7.9615	256.8155	10.2949	39.4503	50.5820	0.9539
03/07/2016	91.0692	0.6450	1.9789	2.6239	7.3125	257.3130	7.5949	39.3627	50.5215	0.5937
04/07/2016	90.6429	0.5143	2.3179	2.8322	7.0133	257.5051	7.8631	39.0474	50.1893	0.6095
05/07/2016	90.8889	0.5515	2.3602	2.9117	7.4781	258.6496	12.0650	39.2874	50.3838	0.6836
06/07/2016	91.4704	0.6957	2.6381	3.3338	7.1637	258.6395	16.6581	39.1516	50.2905	0.7290
07/07/2016	92.0321	0.7364	2.0688	2.8052	7.2139	258.6826	14.5046	39.2790	50.4751	0.8171
08/07/2016	91.6524	0.6122	2.4226	3.0348	6.9035	258.3684	20.0361	39.0661	50.2986	0.8689
09/07/2016	92.2927	0.4056	2.5357	2.9413	6.2790	258.6141	24.9830	38.9035	50.2488	0.8853
10/07/2016	92.2921	0.6480	2.5037	3.1517	6.4793	258.5242	21.5391	39.0154	50.2716	0.9567
11/07/2016	92.3949	0.7388	1.6932	2.4319	6.4875	258.2281	22.0377	39.0920	50.4198	0.7725
12/07/2016	92.2290	0.6702	2.2996	2.9698	6.1106	258.6635	21.7518	38.9236	50.2510	0.5965
13/07/2016	91.5256	0.6056	2.3079	2.9134	6.9935	259.0610	18.6865	39.4399	50.5631	0.7728
14/07/2016	92.7184	0.8063	1.7031	2.5094	6.6289	260.0339	20.4410	39.1116	50.4306	1.7252
15/07/2016	92.0600	0.7872	1.9113	2.6985	6.4613	260.5549	17.4267	38.9875	50.2933	0.6136
16/07/2016	92.0334	0.8486	2.4493	3.2979	8.2486	260.5006	12.2962	39.4076	50.4725	0.6215
17/07/2016	92.2175	0.9003	1.4370	2.3373	9.0911	259.8551	29.0112	39.7028	50.6978	1.0010
18/07/2016	92.5520	0.9375	1.4252	2.3627	6.3693	258.2814	14.2290	38.9686	50.2779	1.9620
19/07/2016	92.4064	0.9277	1.9480	2.8757	6.3311	260.4626	13.2167	38.9051	50.1648	0.6878
20/07/2016	92.6251	0.8738	1.5079	2.3817	6.4541	262.8454	35.3912	38.9865	50.2425	2.8332
21/07/2016	92.6479	0.9126	1.4333	2.3460	6.4662	263.1086	40.5349	39.0183	50.3182	4.5554
22/07/2016	92.2710	0.8538	1.8680	2.7218	7.1605	263.2955	17.6751	39.1674	50.3651	2.0649
23/07/2016	92.4376	0.8310	1.3659	2.1969	7.4459	263.2870	18.7805	39.2593	50.4156	1.9102
24/07/2016	91.3803	0.7077	1.7142	2.4219	6.5186	262.5882	16.4484	39.0488	50.3144	1.6610
25/07/2016	91.8616	0.7933	1.6114	2.4047	6.4394	262.4254	25.3338	39.0973	50.3709	0.8271
26/07/2016	91.9188	0.7400	1.4087	2.1486	7.0239	262.6864	27.5490	39.1973	50.4939	3.6059
27/07/2016	91.8300	0.7678	2.7188	3.4866	6.8680	261.4977	33.3468	39.1640	50.4642	0.9937
28/07/2016	92.0315	0.8376	2.2075	3.0452	6.9477	260.7783	22.8832	39.1629	50.4233	1.6884
29/07/2016	92.1277	0.8427	1.6014	2.4442	7.0104	259.3044	19.9058	39.1498	50.3854	1.5528
30/07/2016	92.0202	0.7783	1.3778	2.1561	7.1677	258.8818	27.4747	39.1733	50.4055	0.6615
31/07/2016	92.9968	0.8881	1.3150	2.2031	5.8823	258.0889	20.7625	38.9119	50.2788	1.7263

<b>Máximo</b>	92.9968	0.9375	2.7188	3.4866	9.0911	263.2955	40.5349	39.7028	50.7495	4.5554
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**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> )
01/07/2016	89.9544	0.3051	1.2190	1.5241	6.3338	253.4539	2.5310	39.0153	50.2737	0.1711
02/07/2016	89.7972	0.4770	1.1783	1.6553	6.9367	254.0449	3.8451	39.2824	50.4960	0.0867
03/07/2016	90.1691	0.3181	1.3936	1.7118	6.5971	254.2476	4.9949	39.0190	50.2970	0.0516
04/07/2016	89.9986	0.2549	1.8287	2.0836	6.6400	254.8424	5.9307	38.9118	50.1247	0.0524
05/07/2016	89.7477	0.2528	1.6331	1.8859	6.3643	253.7660	5.3130	38.7898	50.0304	0.1492
06/07/2016	90.0394	0.1642	1.2476	1.4118	6.0327	255.0458	4.0759	38.6647	49.9826	0.1772
07/07/2016	90.5120	0.3621	1.2324	1.5946	5.4053	254.6743	5.2922	38.6642	50.0347	0.2628
08/07/2016	90.5583	0.2539	1.5077	1.7616	5.7964	255.1281	5.9262	38.6264	49.9526	0.0658
09/07/2016	91.2867	0.0883	1.7226	1.8109	4.9376	254.5667	5.4311	38.4101	49.8869	0.2650
10/07/2016	90.9754	0.0733	1.4847	1.5580	5.0955	253.8960	4.0001	38.4918	50.0074	0.3170
11/07/2016	91.3369	0.4196	1.1352	1.5549	5.2224	253.2977	5.5094	38.6436	50.1191	0.2558
12/07/2016	91.2967	0.2299	1.2874	1.5173	5.4147	254.5209	3.8842	38.6013	50.0068	0.2415
13/07/2016	90.2882	0.1722	1.4310	1.6032	5.9374	255.0488	3.3636	38.7156	50.0169	0.0652
14/07/2016	91.1060	0.5010	1.2120	1.7130	4.9343	256.7348	3.4068	38.6024	50.0418	0.2743
15/07/2016	91.2823	0.3569	1.1513	1.5082	5.7186	256.5957	4.8917	38.7542	50.1339	0.2892
16/07/2016	89.3251	0.1989	1.1179	1.3168	5.7578	254.6713	4.0987	38.8030	50.1782	0.2007
17/07/2016	88.7250	0.6694	1.0496	1.7190	5.6072	254.8208	3.7841	38.7657	50.1511	0.1907
18/07/2016	91.3863	0.6968	0.9306	1.6274	5.2938	255.4908	3.2015	38.7432	50.1679	0.2780
19/07/2016	91.0487	0.4011	0.9736	1.3747	5.4054	257.1800	5.5070	38.7302	50.1225	0.2320
20/07/2016	91.0655	0.6622	1.0387	1.7010	5.0924	260.0279	5.9648	38.5971	50.0445	0.1156
21/07/2016	91.3028	0.6875	0.9389	1.6264	5.2487	260.4213	2.6364	38.7187	50.1648	0.5417
22/07/2016	90.6140	0.5917	1.0595	1.6513	5.6020	259.6913	1.2888	38.7583	50.1627	0.0770
23/07/2016	90.2727	0.6981	1.0754	1.7735	5.3617	259.4730	2.5322	38.7306	50.1535	0.7216
24/07/2016	90.9465	0.5768	1.3145	1.8913	6.3175	259.6192	4.0525	38.9230	50.2215	0.0138
25/07/2016	90.9810	0.6053	1.0113	1.6166	5.8700	259.9476	3.5681	38.8649	50.2209	0.1137
26/07/2016	90.9450	0.6567	1.0082	1.6649	5.9932	259.6796	3.9356	38.9171	50.3317	0.1430
27/07/2016	90.7496	0.1843	1.0439	1.2282	5.9954	258.5755	5.3355	38.5673	49.8617	0.0403
28/07/2016	90.6307	0.0877	1.0565	1.1441	5.6463	257.0149	3.5755	38.7578	50.1102	0.1634
29/07/2016	90.7477	0.7007	1.0818	1.7825	5.6718	256.1204	4.6356	38.7916	50.1644	0.0919
30/07/2016	90.6310	0.6980	1.1062	1.8041	5.6827	255.5824	4.0012	38.8196	50.1960	0.1090
31/07/2016	91.8043	0.7045	0.9633	1.6678	4.8349	255.1561	3.2891	38.5992	50.0802	0.0411

<b>Mínimo</b>	88.7250	0.0733	0.9306	1.1441	4.8349	253.2977	1.2888	38.4101	49.8617	0.0138
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**Observaciones:**