

**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 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)
01/06/2018	94.0784	0.1679	1.3144	1.4824	3.8446	257.4675	7.2856	38.6934	50.5014	0.0738	1.0000	0.0050
02/06/2018	93.5842	0.1633	1.4730	1.6364	4.4525	257.3721	5.1879	38.6389	50.4029	0.0525		
03/06/2018	95.2938	0.1402	1.3335	1.4736	3.0492	258.1403	13.0764	38.2058	50.2353	0.0555		
04/06/2018	94.4353	0.1253	1.2345	1.3598	3.7381	258.6328	18.2002	38.6370	50.5364	0.0740		
05/06/2018	95.0959	0.1098	1.2006	1.3104	3.1439	257.7502	11.4338	38.4820	50.4742	0.0407		
06/06/2018	94.6719	0.1438	1.1175	1.2613	3.5690	255.8583	7.6559	38.6357	50.5762	0.0427		
07/06/2018	94.4171	0.1905	1.0551	1.2457	3.9101	258.5465	6.2419	38.6955	50.6063	0.0417		
08/06/2018	94.1599	0.2137	1.0505	1.2642	4.0902	256.9400	5.4554	38.7771	50.6388	0.0404		
09/06/2018	94.3190	0.2151	1.0639	1.2790	4.0079	256.2848	5.1340	38.6934	50.5845	0.0518		
10/06/2018	94.8556	0.2110	1.1056	1.3166	3.5841	256.3015	5.8965	38.4597	50.4355	0.0441		
11/06/2018	95.5396	0.1966	1.1962	1.3928	2.8361	256.1785	7.7898	38.2104	50.2612	0.0492		
12/06/2018	95.3143	0.2037	1.2602	1.4639	2.9844	255.5635	8.0458	38.2270	50.2365	0.0488		
13/06/2018	94.9540	0.2196	1.2636	1.4832	3.2028	254.7148	9.9703	38.3711	50.3058	0.0510		
14/06/2018	94.5458	0.1852	1.4772	1.6623	3.3609	254.6188	9.7058	38.3982	50.2472	0.0539		
15/06/2018	95.1586	0.1752	1.3629	1.5381	2.9546	254.1520	13.3646	38.2745	50.2354	0.0576		
16/06/2018	95.6992	0.1373	1.2550	1.3923	2.7529	251.7495	16.6142	38.1357	50.2333	0.0481		
17/06/2018	94.0580	0.2018	1.3424	1.5442	3.9328	253.4652	10.9593	38.6114	50.4193	0.0528		
18/06/2018	95.4074	0.1806	1.2229	1.4035	2.9470	253.4710	16.1662	38.2414	50.2779	0.0532		
19/06/2018	95.5705	0.1735	1.2008	1.3743	2.8814	253.0966	16.0651	38.1901	50.2640	0.0645		
20/06/2018	95.1686	0.1544	1.2083	1.3627	3.2941	251.7995	15.4880	38.2985	50.3209	0.0515		
21/06/2018	94.6511	0.1047	1.2521	1.3568	3.7382	251.3249	13.9374	38.4896	50.4596	0.0693		
22/06/2018	94.7587	0.0971	1.1861	1.2832	3.7110	252.3742	12.9872	38.5084	50.5058	0.0609		
23/06/2018	95.7792	0.1396	1.0991	1.2387	2.8492	251.6920	16.5832	38.2067	50.3446	0.0596		
24/06/2018	96.0019	0.1132	1.1306	1.2438	2.5268	251.3937	16.8389	38.1750	50.3297	0.0431		
25/06/2018	96.0759	0.0846	1.0923	1.1769	2.5060	251.6544	16.9920	38.2015	50.3828	0.0480		
26/06/2018	95.8810	0.0802	1.0710	1.1512	2.7308	253.2945	16.8705	38.2749	50.4378	0.0486		
27/06/2018	95.5579	0.0860	1.1443	1.2304	2.9301	255.0291	16.7229	38.3319	50.4321	0.0525		
28/06/2018	95.2330	0.0889	1.1960	1.2850	3.2438	257.5126	16.4520	38.3686	50.4274	0.0494		
29/06/2018	94.7600	0.1536	1.2022	1.3558	3.5065	256.4208	15.5282	38.5002	50.4538	0.0503		
30/06/2018	95.0303	0.1538	1.1739	1.3277	3.2684	258.7357	15.3690	38.4432	50.4341	0.0546		

\*/ Los valores trimestrales se deberán reportar en los meses de marzo, junio, septiembre y diciembre de cada año, respecto del trimestre inmediato anterior.

<b>Mínimo</b>	93.5842	0.0802	1.0505	1.1512	2.5060	251.3249	5.1340	38.1357	50.2333	0.0404		
<b>Promedio</b>	95.0019	0.1537	1.2095	1.3632	3.3183	255.0512	12.2673	38.4126	50.4000	0.0528		
<b>Máximo</b>	96.0759	0.2196	1.4772	1.6623	4.4525	258.7357	18.2002	38.7771	50.6388	0.0740		
<b>Desv. Est.</b>	0.631747306	0.043767667	0.112398454	0.127148396	0.501448313	2.457909986	4.403789348	0.192144243	0.121892887	0.008819765		

Observaciones:

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

**(Registros máximos diarios)**



**PERMISIONARIO:** TARAHUMARA PIPELINE  
**PUNTO DE MEDICIÓN:** EL ENCINO  
**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 Sulhídrico (mg/m <sup>3</sup> )
01/06/2018	97.5399	0.2252	1.4500	1.6753	7.1899	263.3410	18.3876	40.3382	51.4326	0.2847
02/06/2018	94.7647	0.1880	1.6088	1.7968	6.0880	260.2599	15.5135	39.1596	50.6960	0.1506
03/06/2018	96.1150	0.1783	1.4931	1.6714	5.2658	260.3676	17.8072	38.8780	50.6018	0.1299
04/06/2018	96.2681	0.1598	1.4724	1.6323	5.9433	262.0108	21.1686	39.8255	51.2315	0.1946
05/06/2018	95.9578	0.1268	1.3443	1.4711	4.4637	261.0044	15.8648	39.0060	50.7600	0.0871
06/06/2018	96.0637	0.2531	1.3043	1.5574	5.7873	262.1438	8.8291	39.7653	51.1593	0.1709
07/06/2018	95.5729	0.3045	1.1572	1.4617	5.0266	260.4583	7.2232	39.3303	51.0021	0.1754
08/06/2018	95.4757	0.2885	1.1830	1.4715	5.5447	261.3466	6.2437	39.4539	50.9608	0.1559
09/06/2018	95.2022	0.2893	1.1675	1.4568	4.8928	258.7567	5.5974	38.9658	50.7540	0.1852
10/06/2018	96.1633	0.2543	1.1803	1.4346	4.6930	258.4500	15.4495	38.9213	50.7509	0.1815
11/06/2018	95.9480	0.2627	1.3179	1.5806	3.5102	257.7341	18.3888	38.4335	50.4117	0.1596
12/06/2018	96.1708	0.3013	1.4274	1.7286	3.6171	257.8825	17.5775	38.4688	50.4027	0.1454
13/06/2018	95.8294	0.2794	1.4191	1.6985	3.5110	257.5199	17.9115	38.6279	50.4402	0.1682
14/06/2018	94.8495	0.2369	1.5985	1.8354	3.7888	256.3480	17.5638	38.5382	50.2442	0.2236
15/06/2018	96.1890	0.2084	1.4865	1.6949	3.8595	255.5019	18.4267	38.4617	50.2814	0.2236
16/06/2018	96.4108	0.1701	1.4059	1.5760	3.9053	255.0787	18.3330	38.4885	50.3783	0.3765
17/06/2018	94.7802	0.2492	1.5484	1.7976	4.8656	254.9698	17.6470	38.8901	50.5851	0.1018
18/06/2018	95.9765	0.2791	1.4852	1.7643	3.4471	256.6859	17.9922	38.6988	50.4837	0.1340
19/06/2018	96.8238	0.2681	1.4686	1.7367	3.8170	255.1049	17.8835	38.4734	50.4266	0.2230
20/06/2018	95.5458	0.2388	1.3006	1.5394	4.0014	255.3576	17.6837	38.5948	50.5444	0.2122
21/06/2018	97.6923	0.1793	1.4261	1.6054	5.8450	259.4152	18.8538	39.4372	50.9907	0.1846
22/06/2018	95.8850	0.1248	1.4086	1.5333	4.8119	255.5308	17.9251	38.8613	50.6559	0.1799
23/06/2018	96.3948	0.1948	1.1769	1.3717	3.4958	255.2856	17.9947	38.4810	50.4784	0.2489
24/06/2018	97.1160	0.1369	1.4550	1.5919	2.9367	254.0430	18.3336	38.3023	50.3416	0.1971
25/06/2018	96.5850	0.1097	1.2334	1.3431	3.3135	254.3139	18.2846	38.4225	50.4878	0.1446
26/06/2018	96.6571	0.1090	1.3209	1.4298	3.8647	256.0671	17.9270	38.6698	50.5271	0.1852
27/06/2018	96.4804	0.1458	1.4810	1.6267	4.0186	258.0953	17.9692	38.6622	50.5816	0.1805
28/06/2018	96.5409	0.1315	1.3757	1.5072	3.8932	258.5435	18.1728	38.6121	50.5887	0.1942
29/06/2018	96.1705	0.2211	1.4349	1.6560	4.8667	260.6719	18.1728	39.4395	51.0002	0.2131
30/06/2018	96.1175	0.1879	1.2784	1.4663	4.7610	261.2681	18.2150	39.4256	50.9646	0.1682
										0.1045
<b>Máximo</b>	97.6923	0.3045	1.6088	1.8354	7.1899	263.3410	21.1686	40.3382	51.4326	0.3765

**Observaciones:**

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**(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 Sulhídrico (mg/m <sup>3</sup> )
01/06/2018	90.0515	0.1292	1.0895	1.2187	1.1946	251.2279	3.6209	37.6908	50.0607	0.0057
02/06/2018	91.7964	0.1388	1.2549	1.3937	3.5029	254.8765	2.9723	38.2588	50.1735	0.0062
03/06/2018	92.9751	0.1164	1.2529	1.3693	2.2813	255.3621	2.7050	37.9768	50.1285	0.0037
04/06/2018	91.4181	0.1049	1.1337	1.2386	2.2604	250.8995	15.4756	37.9873	50.1727	0.0068
05/06/2018	93.6949	0.0922	1.0992	1.1914	2.4835	255.2983	8.6795	38.1796	50.3138	0.0063
06/06/2018	91.3905	0.0946	0.9141	1.0087	2.4842	254.0826	6.4653	38.2295	50.3973	0.0072
07/06/2018	92.9039	0.1429	0.8819	1.0247	3.1701	256.6685	5.1244	38.3384	50.4707	0.0087
08/06/2018	92.1474	0.1315	0.9402	1.0717	3.0747	253.5732	4.8451	38.4007	50.4996	0.0080
09/06/2018	93.4281	0.1754	0.9814	1.1569	3.2658	255.4735	4.5763	38.3594	50.3919	0.0091
10/06/2018	93.6626	0.1581	1.0264	1.1845	2.4788	254.7075	4.7116	38.0803	50.2634	0.0076
11/06/2018	94.8971	0.1419	1.0898	1.2317	2.3852	254.6803	4.5080	38.0283	50.1324	0.0093
12/06/2018	94.7098	0.1330	1.1414	1.2745	2.3455	253.7564	4.2560	38.0607	50.2261	0.0097
13/06/2018	94.3801	0.1412	1.1859	1.3271	2.6081	253.3097	4.0878	38.1185	50.2254	0.0099
14/06/2018	93.8377	0.1185	1.2926	1.4110	3.1331	254.0212	4.6396	38.2493	50.1521	0.0099
15/06/2018	94.2855	0.1398	1.2288	1.3686	2.2879	251.1562	2.2943	38.0141	50.1735	0.0083
16/06/2018	94.3162	0.0954	1.1387	1.2341	2.2103	251.1135	10.1662	37.9588	50.1615	0.0107
17/06/2018	93.1575	0.1265	1.2012	1.3277	3.2301	251.2246	3.5614	38.4230	50.3170	0.0095
18/06/2018	94.3022	0.0971	1.0331	1.1302	2.5237	252.4632	6.9122	38.0470	50.1735	0.0105
19/06/2018	94.6223	0.1123	0.9964	1.1087	1.9736	250.7488	11.0918	37.9375	50.2224	0.0104
20/06/2018	94.4304	0.1018	1.1391	1.2409	2.7823	250.1305	10.7721	38.1085	50.1640	0.0108
21/06/2018	91.9660	0.0676	0.8805	0.9481	1.2758	249.0080	2.8866	37.7973	50.2399	0.0118
22/06/2018	93.4443	0.0798	1.0071	1.0868	2.8059	250.4577	3.9760	38.2164	50.3772	0.0108
23/06/2018	94.9150	0.0951	0.9950	1.0901	2.3612	251.7529	15.8847	38.0712	50.3090	0.0113
24/06/2018	95.2427	0.0908	1.0083	1.0991	1.6598	250.2972	15.5756	37.8899	50.2276	0.0094
25/06/2018	95.2144	0.0633	0.9684	1.0318	2.0834	251.1336	15.6482	38.0064	50.2267	0.0119
26/06/2018	94.1950	0.0702	0.9283	0.9985	2.1889	252.8881	15.6277	38.0821	50.3750	0.0104
27/06/2018	94.2496	0.0583	0.8956	0.9539	2.2895	253.9769	15.0423	38.1113	50.3698	0.0097
28/06/2018	94.5592	0.0627	1.0531	1.1158	2.1133	254.6742	15.3235	38.0562	50.2975	0.0102
29/06/2018	92.6234	0.0743	1.0151	1.0894	2.2271	253.7331	4.1176	37.9261	50.0611	0.0100
30/06/2018	92.6040	0.1249	1.0516	1.1765	2.4576	255.5190	4.5049	38.0292	50.1882	0.0108
<b>Mínimo</b>	90.0515	0.0583	0.8805	0.9481	1.1946	249.0080	2.2943	37.6908	50.0607	0.0037

**Observaciones:**