

**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)
01/04/2019	95.9232	0.1936	0.7925	0.9862	2.8489	253.1178	7.5404	38.3752	50.5442	0.9693		
02/04/2019	96.5330	0.1289	0.8092	0.9381	2.4380	254.1990	7.4304	38.1766	50.4698	0.9692		
03/04/2019	96.5042	0.1238	0.8143	0.9381	2.4685	254.7355	7.2379	38.1834	50.4750	0.9691		
04/04/2019	95.8690	0.1515	0.7867	0.9382	3.0671	254.7871	6.9562	38.3747	50.5768	0.9694		
05/04/2019	95.7468	0.1378	0.7789	0.9168	3.1722	256.3348	10.7508	38.4352	50.6244	0.9693		
06/04/2019	94.7073	0.1523	0.7640	0.9162	4.1470	257.5436	11.9602	38.7527	50.8010	0.9693		
07/04/2019	95.0098	0.1582	0.7802	0.9384	3.8890	258.2012	11.4841	38.6313	50.7208	0.9692		
08/04/2019	95.1185	0.1476	0.7904	0.9380	3.7671	258.7886	10.9433	38.6044	50.7082	0.9691		
09/04/2019	95.5774	0.1506	0.8690	1.0196	3.2296	259.6326	10.6271	38.4215	50.5660	0.9690		
10/04/2019	96.1613	0.1513	0.8255	0.9767	2.7176	259.8780	10.1763	38.2688	50.4989	0.9689		
11/04/2019	94.4349	0.1824	0.9598	1.1422	4.2066	259.4012	9.0555	38.6767	50.6464	0.9693		
12/04/2019	95.1753	0.1513	0.8197	0.9709	3.6197	259.6870	9.0555	38.5854	50.6811	0.9693		
13/04/2019	95.1161	0.1641	0.8718	1.0359	3.6595	259.5931	8.8289	38.5440	50.6246	0.9693		
14/04/2019	94.9593	0.2004	1.0178	1.2182	3.6448	260.1708	8.5056	38.4672	50.4880	0.9693		
15/04/2019	94.3438	0.1735	0.8840	1.0575	4.3509	260.8305	7.8516	38.7676	50.7393	0.9692		
16/04/2019	94.5117	0.1750	0.9361	1.1111	4.1555	261.3755	7.5554	38.6757	50.6615	0.9691		
17/04/2019	94.7926	0.1626	0.8470	1.0096	3.9706	261.2261	7.3852	38.6651	50.7058	0.9693		
18/04/2019	94.3043	0.1845	0.9620	1.1465	4.3535	259.7446	6.8487	38.7048	50.6600	0.9693		
19/04/2019	95.2076	0.1669	0.9715	1.1384	3.5080	259.0712	6.9255	38.4385	50.5164	0.9692		
20/04/2019	95.2941	0.1492	0.8368	0.9861	3.5284	258.2584	6.9055	38.5259	50.6408	0.9692		
21/04/2019	95.8333	0.1635	0.8412	1.0046	3.0489	256.4314	6.8611	38.3375	50.5221	0.9692		
22/04/2019	95.9113	0.1854	0.9294	1.1148	2.9090	256.0062	6.5247	38.2290	50.4040	0.9692		
23/04/2019	95.9245	0.2001	0.9924	1.1925	2.8162	256.8078	6.6572	38.1732	50.3322	0.9691		
24/04/2019	95.8377	0.2128	1.0166	1.2293	2.8445	256.3179	6.4114	38.1788	50.3154	0.9691		
25/04/2019	96.2021	0.1932	0.9474	1.1406	2.5763	257.0733	6.6389	38.1332	50.3352	0.9690		
26/04/2019	95.9549	0.1924	0.8719	1.0643	2.9010	257.5748	6.5356	38.2524	50.4388	0.9690		
27/04/2019	95.1892	0.1872	0.8194	1.0066	3.5712	257.6744	6.2730	38.5594	50.6411	0.9689		
28/04/2019	94.9206	0.2124	0.8716	1.0840	3.7743	257.7904	6.1267	38.5805	50.6116	0.9689		
29/04/2019	94.8875	0.1704	0.8623	1.0326	3.8737	257.6564	5.9633	38.6210	50.6683	0.9690		
30/04/2019	95.3985	0.1353	0.8298	0.9651	3.5301	257.3416	5.9184	38.4903	50.6341	0.9690		

\*/ 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>	94.3043	0.1238	0.7640	0.9162	2.4380	253.1178	6.1267	38.1332	50.3154	0.9689		
<b>Promedio</b>	95.3951	0.1697	0.8717	1.0414	3.3994	257.9376	8.0733	38.4542	50.5696	0.9692		
<b>Máximo</b>	96.5330	0.2128	1.0178	1.2293	4.3535	261.3755	11.9602	38.7676	50.8010	0.9694		
<b>Desv. Est.</b>	0.648626074	0.024180388	0.077539281	0.095552638	0.588811305	2.168776734	1.758394224	0.198760977	0.129491204	0.000134341		

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> )
01/04/2019	97.0811	0.3030	0.8098	1.1128	3.5126	255.0481	8.0718	38.6855	50.6681	0.9698
02/04/2019	97.9920	0.1526	0.8315	0.9841	2.9161	256.1843	8.0718	38.3152	50.5362	0.9701
03/04/2019	97.1078	0.1350	0.8334	0.9685	2.9514	256.8278	7.7267	38.3492	50.5705	0.9697
04/04/2019	96.1677	0.1666	0.7993	0.9659	3.7393	256.3093	7.6025	38.5762	50.6929	0.9701
05/04/2019	96.4699	0.1534	0.7992	0.9526	5.5585	259.0442	12.0620	39.3272	51.1509	0.9699
06/04/2019	95.6774	0.1740	0.7802	0.9542	4.6828	259.1403	12.5177	38.9530	50.9147	0.9695
07/04/2019	95.9722	0.1771	0.8018	0.9790	5.6128	260.5598	12.0118	39.1969	51.0465	0.9695
08/04/2019	95.8699	0.1712	0.8010	0.9722	4.6329	260.6672	11.5425	38.8767	50.8707	0.9699
09/04/2019	97.0421	0.1836	1.6239	1.8074	4.0528	262.0562	11.1110	38.7251	50.7548	0.9710
10/04/2019	97.6399	0.1942	0.8716	1.0658	3.6711	262.6699	10.9894	38.5786	50.6403	0.9694
11/04/2019	95.3608	0.1930	1.0194	1.2124	5.2730	261.5950	9.5647	39.1097	50.9041	0.9702
12/04/2019	95.7957	0.1848	0.9061	1.0909	5.5361	263.0447	9.5647	39.5315	51.2280	0.9702
13/04/2019	95.9062	0.1809	0.9430	1.1240	4.5977	261.6528	9.4120	38.9226	50.8828	0.9697
14/04/2019	96.7319	0.2359	1.2321	1.4680	5.0148	263.1145	8.9613	39.0188	50.7511	0.9697
15/04/2019	95.5972	0.2268	1.1697	1.3965	5.7787	262.9747	8.4027	39.3301	51.0527	0.9709
16/04/2019	94.8762	0.1963	1.0176	1.2138	4.4553	262.9961	8.3381	38.8224	50.7687	0.9701
17/04/2019	96.5200	0.1817	0.9263	1.1080	5.7112	263.8878	7.9303	39.3658	51.1375	0.9695
18/04/2019	95.6622	0.2092	1.1033	1.3124	4.9200	261.5162	7.4815	38.8497	50.6854	0.9702
19/04/2019	96.2902	0.1894	1.0829	1.2722	4.3655	261.0333	7.5758	38.6610	50.6051	0.9701
20/04/2019	96.1514	0.1577	0.9466	1.1043	4.3816	260.2239	7.3058	38.8343	50.8472	0.9710
21/04/2019	96.3983	0.2009	0.9438	1.1447	3.7738	257.6101	7.6640	38.6429	50.7339	0.9709
22/04/2019	96.5327	0.2029	0.9764	1.1793	3.2703	257.1835	7.0848	38.3421	50.4621	0.9698
23/04/2019	96.1623	0.2205	1.0791	1.2996	3.6318	258.8035	7.3517	38.4749	50.4996	0.9701
24/04/2019	96.3468	0.2643	1.0428	1.3071	3.9668	258.2433	6.8272	38.5899	50.5474	0.9695
25/04/2019	97.0894	0.2266	0.9875	1.2141	3.0437	258.9384	7.0773	38.3704	50.4976	0.9697
26/04/2019	96.5660	0.2224	0.9140	1.1364	4.8031	260.4412	7.1084	38.9694	50.8826	0.9703
27/04/2019	96.3868	0.2275	0.8763	1.1038	5.2674	260.7363	6.8464	39.4210	51.1261	0.9706
28/04/2019	95.7140	0.2503	0.9915	1.2418	4.4421	259.6164	6.6136	38.9005	50.8230	0.9706
29/04/2019	96.0911	0.2428	1.0776	1.3204	5.2206	260.2636	6.5845	39.2406	51.0452	0.9709
30/04/2019	96.4698	0.1698	0.8779	1.0477	4.6706	259.9833	6.4398	38.8678	50.8402	0.9698
							6.4448			0.9701
<b>Máximo</b>	97.9920	0.3030	1.6239	1.8074	5.7787	263.8878	12.5177	39.5315	51.2280	0.9710

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Registros mínimos 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 Sulfhídrico (mg/m <sup>3</sup> )
01/04/2019	94.9787	0.1295	0.7686	0.8981	1.9487	251.1559	7.1326	38.0040	50.3728	0.9689
02/04/2019	96.0132	0.0961	0.7915	0.8876	1.0889	252.3499	6.9451	37.7612	50.2593	0.9687
03/04/2019	95.9858	0.1160	0.7910	0.9070	1.9179	253.0810	6.6838	37.9931	50.3636	0.9684
04/04/2019	95.1847	0.1281	0.7736	0.9016	2.7966	253.7272	6.5640	38.2656	50.5048	0.9686
05/04/2019	93.0660	0.1191	0.7348	0.8539	2.5203	254.3279	7.7416	38.1873	50.4750	0.9686
06/04/2019	94.0937	0.1334	0.7501	0.8835	3.2777	255.9533	11.4612	38.4272	50.6067	0.9689
07/04/2019	93.1632	0.1408	0.7626	0.9034	2.9775	256.0517	10.7231	38.3462	50.5632	0.9685
08/04/2019	94.2474	0.1256	0.7651	0.8908	3.0509	256.2142	10.2128	38.3891	50.5967	0.9684
09/04/2019	94.7132	0.1267	0.7814	0.9082	1.9278	258.0482	10.0893	38.0036	50.3574	0.9684
10/04/2019	95.0556	0.1270	0.7873	0.9143	1.3863	257.1017	9.0017	37.8298	50.2656	0.9680
11/04/2019	93.1953	0.1605	0.8654	1.0259	3.3448	256.7343	8.6423	38.3908	50.4848	0.9686
12/04/2019	92.6706	0.1346	0.7636	0.8982	3.1065	256.8189	8.6423	38.3832	50.5719	0.9686
13/04/2019	94.1641	0.1490	0.7743	0.9233	2.9546	258.1305	8.3350	38.3100	50.5033	0.9686
14/04/2019	93.4582	0.1610	0.8853	1.0464	2.1013	257.4628	8.2084	37.9950	50.2765	0.9686
15/04/2019	92.5946	0.1531	0.7702	0.9233	3.2997	258.8904	7.4492	38.4524	50.6125	0.9683
16/04/2019	94.1519	0.1558	0.8243	0.9800	3.8406	260.1187	6.9973	38.5369	50.5737	0.9685
17/04/2019	92.8288	0.1489	0.7739	0.9228	2.4243	258.7922	6.5894	38.1554	50.4376	0.9689
18/04/2019	93.5469	0.1504	0.7824	0.9329	3.2571	258.1824	6.3678	38.4421	50.6158	0.9686
19/04/2019	94.2671	0.1448	0.9060	1.0508	2.4959	257.7938	6.4466	38.1263	50.3563	0.9684
20/04/2019	94.4591	0.1373	0.7557	0.8930	2.6968	255.7780	6.2312	38.2354	50.4598	0.9686
21/04/2019	95.0697	0.1402	0.7724	0.9126	2.4400	255.2063	6.4820	38.0804	50.3134	0.9685
22/04/2019	95.5219	0.1488	0.8029	0.9518	2.4692	254.7592	6.0487	38.1532	50.4458	0.9686
23/04/2019	94.9834	0.1881	0.9392	1.1273	2.5989	254.9171	6.0841	38.0856	50.2718	0.9683
24/04/2019	94.5603	0.1970	0.9669	1.1639	2.3564	254.4720	5.9488	38.0022	50.2010	0.9688
25/04/2019	95.6597	0.1678	0.9097	1.0775	1.7708	254.9536	6.0518	37.8857	50.2145	0.9682
26/04/2019	93.8934	0.1818	0.7796	0.9614	2.2920	253.1425	5.8184	38.0475	50.3095	0.9682
27/04/2019	92.8755	0.1599	0.7847	0.9446	2.5664	253.1784	5.6452	38.1753	50.4424	0.9682
28/04/2019	94.1191	0.1788	0.8173	0.9961	3.1779	256.3161	5.8203	38.3655	50.5299	0.9682
29/04/2019	93.2268	0.1413	0.7821	0.9234	2.8305	254.9891	5.4106	38.2730	50.4993	0.9682
30/04/2019	94.2085	0.0988	0.7942	0.8929	2.5109	255.0005	5.4609	38.1654	50.4585	0.9684
										0.9682

<b>Mínimo</b>	92.5946	0.0961	0.7348	0.8539	1.0889	251.1559	5.4106	37.7612	50.2010	0.9680
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**Observaciones:**