

**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 Sulfidrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
01/01/2018	92.3585	0.2339	1.1831	1.4170	5.5384	265.1696	5.3671	39.2290	50.8205	0.9498		
02/01/2018	91.3820	0.2737	1.3762	1.6499	6.1312	264.6705	4.2172	39.3721	50.7984	0.9500		
03/01/2018	91.2810	0.3098	1.3387	1.6486	6.1892	257.5603	3.8525	39.4616	50.8423	0.9502		
04/01/2018	92.1418	0.2486	1.2377	1.4863	5.6539	262.7709	5.0381	39.2454	50.7962	0.9502		
05/01/2018	93.0443	0.2310	1.2742	1.5052	4.8913	262.1082	5.0521	38.9345	50.6151	0.9508		
06/01/2018	93.0213	0.2432	1.3044	1.5476	4.8518	260.9627	5.2787	38.9376	50.5984	0.9506		
07/01/2018	93.6181	0.3466	1.4231	1.7696	4.2657	260.4699	9.8490	38.5396	50.2394	0.9506		
08/01/2018	92.7014	0.3822	1.4991	1.8814	5.0060	260.4291	10.8035	38.7479	50.3030	0.9501		
09/01/2018	93.1523	0.3024	1.4891	1.7915	4.6997	260.9031	10.8050	38.6638	50.3139	0.9500		
10/01/2018	92.7213	0.1925	1.4431	1.6356	5.2680	260.7320	10.1532	38.8949	50.5428	0.9501		
11/01/2018	88.8242	0.2046	1.2622	1.4668	7.9411	259.3134	8.9132	40.5720	51.5584	0.9504		
12/01/2018	91.6292	0.2421	1.7810	2.0231	5.8408	260.2884	9.0777	38.9985	50.4151	0.9505		
13/01/2018	90.9919	0.2816	1.8523	2.1340	6.4057	260.1615	8.5113	39.0818	50.4014	0.9505		
14/01/2018	91.1766	0.2948	1.3805	1.6753	6.5167	260.1615	8.0333	39.3898	50.7757	0.9505		
15/01/2018	91.4750	0.2359	1.2522	1.4881	6.4544	259.3679	7.6190	39.4123	50.8930	0.9504		
16/01/2018	91.2133	0.2107	1.2789	1.4896	6.5748	258.3395	7.0835	39.5310	50.9647	0.9510		
17/01/2018	91.4235	0.2063	1.3763	1.5826	6.5374	258.7921	7.1984	39.3286	50.8103	0.9511		
18/01/2018	92.1293	0.2015	1.4097	1.6112	5.9333	259.3497	8.9831	39.0592	50.6459	0.9509		
19/01/2018	92.0699	0.1800	1.3961	1.5761	5.6733	259.9843	10.2991	39.2043	50.7480	0.9506		
20/01/2018	91.4207	0.2143	1.4435	1.6577	6.1532	260.6045	10.8562	39.3578	50.7986	0.9506		
21/01/2018	91.6591	0.3067	1.5579	1.8647	5.9119	260.5173	11.8603	39.0940	50.5261	0.9503		
22/01/2018	90.6833	0.2799	1.5633	1.8432	6.7034	260.7370	12.4966	39.4470	50.7429	0.9508		
23/01/2018	92.7258	0.2466	1.0716	1.3182	5.5921	261.5090	13.0832	39.0935	50.7869	0.9511		
24/01/2018	93.8970	0.2280	1.0740	1.3019	4.5305	262.0563	13.0630	38.7423	50.5992	0.9510		
25/01/2018	92.2313	0.2043	1.2347	1.4390	5.8257	262.2074	12.1567	39.2003	50.8028	0.9510		
26/01/2018	91.8891	0.1792	1.0899	1.2691	6.1745	262.3967	11.3575	39.4497	51.0266	0.9508		
27/01/2018	91.7388	0.2041	1.4758	1.6798	6.0152	262.6304	10.9540	39.1976	50.6925	0.9505		
28/01/2018	92.5032	0.2383	1.4039	1.6422	5.3485	262.9545	11.1263	38.9856	50.5803	0.9503		
29/01/2018	93.2750	0.2875	1.1618	1.4493	4.8666	263.1836	12.0652	38.8625	50.5863	0.9504		
30/01/2018	92.8898	0.2676	1.3111	1.5787	5.1918	262.8553	12.4361	38.8653	50.5335	0.9505		
31/01/2018	92.8804	0.3679	1.1635	1.5314	5.3570	263.0510	12.7666	38.8696	50.5348	0.9505		

\*/ 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>	88.8242	0.1792	1.0716	1.2691	4.2657	257.5603	3.8525	38.5396	50.2394	0.9498		
<b>Promedio</b>	92.0693	0.2531	1.3584	1.6114	5.7433	261.1690	9.3663	39.1538	50.6869	0.9505		
<b>Máximo</b>	93.8970	0.3822	1.8523	2.1340	7.9411	265.1696	13.0832	40.5720	51.5584	0.9511		
<b>Desv. Est.</b>	1.017299881	0.053008269	0.181916975	0.199192101	0.773806912	1.77129478	2.828932763	0.370619137	0.252061934	0.000322867		

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> )
01/01/2018	93.8272	0.2850	1.4758	1.7608	7.4487	267.7344	5.7427	39.9526	51.1662	0.9509
02/01/2018	93.3751	0.3203	1.8828	2.2031	7.1107	267.5480	5.5937	39.7908	51.0580	0.9509
03/01/2018	91.3257	0.3181	1.3454	1.6635	6.2881	262.3965	5.1468	39.4893	50.8662	0.9521
04/01/2018	93.5928	0.2858	1.3091	1.5949	6.4446	264.7828	5.2213	39.4892	50.8926	0.9509
05/01/2018	93.9299	0.2660	1.5253	1.7914	5.5633	264.1317	5.3702	39.2626	50.7723	0.9521
06/01/2018	94.5078	0.2875	1.5489	1.8364	6.0526	263.5438	7.4932	39.6125	50.9135	0.9521
07/01/2018	94.4729	0.4202	1.8759	2.2960	5.1226	262.6665	10.5846	38.6571	50.0959	0.9521
08/01/2018	93.9652	0.4529	1.5727	2.0256	6.3087	262.6092	11.1433	39.3899	50.6769	0.9521
09/01/2018	93.9902	0.4264	1.6981	2.1246	5.1612	262.5951	11.1806	38.8729	50.3897	0.9509
10/01/2018	93.1383	0.2465	1.6293	1.8758	5.5920	262.4949	10.5474	39.0541	50.6718	0.9509
11/01/2018	92.7725	0.2302	1.6679	1.8980	10.7478	265.8762	9.9142	42.6899	52.7468	0.9521
12/01/2018	93.5906	0.4366	2.1575	2.5942	7.9336	264.5612	9.6535	41.1805	51.9460	0.9521
13/01/2018	91.3549	0.3327	2.1653	2.4980	7.1764	262.1003	8.7968	39.2999	50.4574	0.9521
14/01/2018	91.7232	0.4028	1.6012	2.0040	6.8924	261.6609	8.4616	39.7717	51.0339	0.9521
15/01/2018	92.6928	0.2632	1.3686	1.6318	7.1562	261.6716	8.2009	39.8251	51.1630	0.9521
16/01/2018	92.2995	0.2377	1.3979	1.6356	7.1328	260.6341	7.3443	40.2296	51.3189	0.9521
17/01/2018	92.1568	0.2646	1.5305	1.7951	7.1776	260.6799	7.7912	39.8425	51.1126	0.9533
18/01/2018	93.2439	0.2285	1.5310	1.7595	6.4444	261.3545	9.8025	39.2883	50.7992	0.9521
19/01/2018	93.9763	0.2357	1.5698	1.8055	6.5466	263.1343	10.9571	39.8832	51.1822	0.9521
20/01/2018	92.9893	0.2503	1.8811	2.1314	7.0744	263.3311	11.2551	39.7696	50.9862	0.9509
21/01/2018	92.1104	0.3679	1.7380	2.1058	6.2018	262.6150	12.4842	39.3084	50.6326	0.9521
22/01/2018	92.0633	0.3369	1.8582	2.1951	7.6873	263.1175	12.8194	39.8918	50.9869	0.9521
23/01/2018	95.1212	0.3264	1.2976	1.6241	7.7351	264.5517	13.6388	39.9511	51.2024	0.9521
24/01/2018	94.8749	0.2847	1.3008	1.5855	5.9476	264.1583	13.4898	39.5361	51.0487	0.9533
25/01/2018	93.6771	0.2336	1.3832	1.6168	7.5009	264.9174	12.7821	39.9648	51.2568	0.9521
26/01/2018	94.0141	0.2029	1.3793	1.5822	7.2477	264.8739	11.9255	39.7825	51.1761	0.9521
27/01/2018	92.5932	0.2795	1.6475	1.9270	6.3777	264.6720	11.2923	39.4854	50.8524	0.9521
28/01/2018	93.7713	0.3452	1.5909	1.9361	6.5861	265.0809	11.7765	39.4926	50.8904	0.9521
29/01/2018	93.8169	0.3821	1.3489	1.7310	5.8849	264.8359	12.2234	39.2601	50.8020	0.9509
30/01/2018	93.7784	0.3800	1.6676	2.0476	5.9143	264.6931	12.8194	39.2128	50.8206	0.9509
31/01/2018	93.7784	0.3800	1.6676	2.0476	5.9143	264.8837	13.0056	39.0591	50.6727	0.9509

<b>Máximo</b>	95.1212	0.4529	2.1653	2.5942	10.7478	267.7344	13.6388	42.6899	52.7468	0.9533
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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 Sulhídrico (mg/m <sup>3</sup> )
01/01/2018	89.8856	0.2043	1.1174	1.3217	4.3470	263.1066	4.8861	38.7787	50.5888	0.9484
02/01/2018	89.9968	0.1843	1.0413	1.2256	4.6921	259.7967	1.8692	39.0413	50.7967	0.9496
03/01/2018	91.1944	0.2867	1.3210	1.6078	6.1543	251.8056	1.9437	39.4257	50.8088	0.9484
04/01/2018	91.2617	0.2222	1.1168	1.3390	4.4924	260.6561	4.7371	38.7670	50.5328	0.9484
05/01/2018	92.0223	0.1946	1.1245	1.3191	4.1482	259.3292	4.6998	38.6184	50.4276	0.9496
06/01/2018	91.0454	0.1663	0.8886	1.0549	3.6697	258.5105	4.4391	38.6128	50.5248	0.9496
07/01/2018	92.2389	0.2874	1.1526	1.4400	3.6002	258.7686	7.6422	38.3722	50.2149	0.9496
08/01/2018	91.0383	0.3185	1.3201	1.6385	4.0782	258.2974	10.3239	38.5061	50.2809	0.9496
09/01/2018	92.4565	0.2109	1.3372	1.5481	4.0445	259.5849	10.3239	38.4298	50.1903	0.9496
10/01/2018	92.4154	0.1670	1.3318	1.4988	4.8554	259.2060	9.6907	38.6906	50.3912	0.9496
11/01/2018	84.0090	0.1684	0.9935	1.1619	5.4610	251.9839	7.8285	38.8692	50.5035	0.9496
12/01/2018	88.0681	0.1672	1.1957	1.3628	4.4859	257.5045	8.4244	38.6031	50.3695	0.9484
13/01/2018	89.8734	0.1838	1.5757	1.7594	5.9883	258.7890	8.1264	38.8715	50.2251	0.9496
14/01/2018	90.4644	0.2339	1.1477	1.3816	6.1575	257.8174	7.6050	39.1218	50.5965	0.9484
15/01/2018	90.6080	0.2139	1.1665	1.3804	5.3995	256.8202	6.9718	38.9732	50.6055	0.9496
16/01/2018	89.6684	0.1846	1.1162	1.3009	5.6070	256.0623	6.6738	39.0820	50.6983	0.9509
17/01/2018	90.5095	0.1573	1.2807	1.4380	5.8458	257.3639	6.7856	39.0001	50.5695	0.9496
18/01/2018	91.4594	0.1692	1.3145	1.4837	5.0005	257.7060	7.9774	38.7885	50.5452	0.9496
19/01/2018	90.7999	0.1521	1.2642	1.4163	4.4177	257.4141	9.9142	38.6092	50.4823	0.9496
20/01/2018	89.8970	0.1705	1.2988	1.4693	5.1275	258.3122	10.5101	38.8806	50.5900	0.9496
21/01/2018	91.0022	0.2071	1.4090	1.6161	5.6112	258.8164	11.1433	38.9134	50.4180	0.9484
22/01/2018	89.2736	0.2404	1.3001	1.5404	5.7633	259.2126	12.1117	39.0484	50.5793	0.9496
23/01/2018	89.9017	0.1532	0.8388	0.9920	3.7271	258.5516	12.4842	38.5624	50.6582	0.9496
24/01/2018	91.8091	0.1689	0.8368	1.0057	3.5454	259.4750	12.6331	38.3428	50.3064	0.9484
25/01/2018	90.1515	0.1641	0.8593	1.0234	4.5003	259.6519	11.4040	38.5796	50.3619	0.9496
26/01/2018	90.6242	0.1539	0.8115	0.9654	4.4518	260.2455	10.9198	38.8981	50.7717	0.9496
27/01/2018	91.1203	0.1488	1.2944	1.4432	5.4237	260.7592	10.5846	39.0178	50.6529	0.9496
28/01/2018	91.1274	0.1573	1.2886	1.4460	4.1899	260.7329	10.6591	38.5654	50.3027	0.9496
29/01/2018	92.0319	0.2058	0.9757	1.1816	4.1886	261.2398	11.8137	38.5626	50.3268	0.9496
30/01/2018	92.0361	0.1944	0.9648	1.1593	4.5985	261.6436	12.0000	38.6595	50.4506	0.9496
31/01/2018	92.4147	0.3152	1.0242	1.3394	4.8688	261.9487	12.4842	38.7086	50.4293	0.9496
<b>Mínimo</b>	84.0090	0.1488	0.8115	0.9654	3.5454	251.8056	1.8692	38.3428	50.1903	0.9484

**Observaciones:**