

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



(Valores promedio diarios)

<b>PERMISIONARIO:</b>	Tarahumara Pipeline, S. de R.L. de C.V.
<b>PUNTO DE MEDICIÓN:</b>	El Encino
<b>ZONA DE MEDICIÓN:</b>	<u>RESTO DEL PAÍS</u>

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)
01/04/2020	90.8858	0.2016	0.7144	0.9160	7.8851	252.6443	11.6126	39.8713	51.4189	0.0784		
02/04/2020	92.6358	0.1757	0.7439	0.9196	6.2384	251.6381	11.5358	39.3418	51.1260	0.0784		
03/04/2020	92.6569	0.1532	0.7597	0.9129	6.2293	250.9197	11.3834	39.3342	51.1308	0.0784		
04/04/2020	93.0841	0.0993	0.7535	0.8527	5.9363	249.6620	11.9539	39.2291	51.1123	0.0784		
05/04/2020	92.7370	0.1079	0.7483	0.8562	6.2834	249.4008	13.0376	39.3254	51.1629	0.0782		
06/04/2020	93.3085	0.1116	0.7503	0.8620	5.7055	249.0571	16.7097	39.1592	51.0658	0.0781		
07/04/2020	94.2580	0.1214	0.7625	0.8839	4.7425	250.6005	13.5147	38.8710	50.8907	0.0778		
08/04/2020	94.3601	0.1351	0.7613	0.8964	4.6246	252.1247	14.7447	38.8358	50.8618	0.0778		
09/04/2020	93.7145	0.1220	0.7527	0.8747	5.2912	252.7596	14.8186	39.0332	50.9864	0.0778		
10/04/2020	93.5920	0.1037	0.7469	0.8506	5.3960	248.5505	13.3679	39.1008	51.0398	0.0779		
11/04/2020	93.4189	0.1221	0.7416	0.8637	5.5988	250.0195	12.3249	39.1254	51.0434	0.0782		
12/04/2020	93.5774	0.1192	0.7459	0.8651	5.4473	251.3770	12.2999	39.0761	51.0157	0.0783		
13/04/2020	93.4848	0.1248	0.7635	0.8883	5.4660	252.2990	11.8869	39.1073	51.0209	0.0784		
14/04/2020	93.6040	0.1395	0.7729	0.9124	5.3575	252.5554	11.2683	39.0435	50.9708	0.0784		
15/04/2020	94.6055	0.1273	0.7592	0.8864	4.3995	252.5108	10.8512	38.7699	50.8309	0.0784		
16/04/2020	94.3950	0.1648	0.7676	0.9324	4.5619	252.9268	10.4206	38.8008	50.8180	0.0784		
17/04/2020	94.7551	0.1658	0.7625	0.9284	4.2074	253.0956	10.6323	38.6995	50.7624	0.0783		
18/04/2020	94.1041	0.1768	0.7777	0.9545	4.7898	256.2773	10.3626	38.8839	50.8520	0.0783		
19/04/2020	93.9444	0.1568	0.7745	0.9313	4.9374	257.3721	10.7096	38.9561	50.9080	0.0783		
20/04/2020	95.0504	0.1264	0.7555	0.8819	3.9501	258.0854	10.4844	38.6467	50.7634	0.0783		
21/04/2020	96.2450	0.1330	0.7913	0.9243	2.7245	258.4939	10.8225	38.2773	50.5325	0.0783		
22/04/2020	95.5618	0.1576	0.7933	0.9509	3.3533	256.1544	11.4258	38.4658	50.6211	0.0784		
23/04/2020	96.1503	0.1143	0.7692	0.8835	2.8937	254.5050	11.0801	38.3186	50.5796	0.0783		
24/04/2020	96.4438	0.1033	0.7749	0.8783	2.6009	255.7056	10.6623	38.2396	50.5399	0.0783		
25/04/2020	96.3151	0.1289	0.7842	0.9130	2.6869	256.8068	10.4847	38.2571	50.5272	0.0781		
26/04/2020	96.3344	0.1076	0.8055	0.9131	2.6602	257.3526	10.8666	38.2529	50.5301	0.0781		
27/04/2020	96.9097	0.1169	0.8237	0.9406	2.0903	257.9736	10.3109	38.0595	50.4049	0.0778		
28/04/2020	96.8750	0.1305	0.7949	0.9254	2.1261	258.4277	10.4342	38.0847	50.4230	0.0779		
29/04/2020	96.8653	0.1491	0.8184	0.9675	2.0650	259.0226	10.4052	38.0688	50.3897	0.0779		
30/04/2020	95.5248	0.1905	0.8472	1.0377	3.1965	259.1691	10.1236	38.4532	50.5654	0.0778		

\*/ 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>	90.8858	0.0993	0.7144	0.8506	2.0650	248.5505	10.1236	38.0595	50.3897	0.0778		
<b>Promedio</b>	94.5132	0.1362	0.7706	0.9068	4.4482	253.9163	11.6845	38.7896	50.8298	0.0782		
<b>Máximo</b>	96.9097	0.2016	0.8472	1.0377	7.8851	259.1691	16.7097	39.8713	51.4189	0.0784		
<b>Desv. Est.</b>	1.532587394	0.027139488	0.027642942	0.040516211	1.513584084	3.357990818	1.58697868	0.458835581	0.26698161	0.000224424		

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL  
(Registros máximos diarios)**



<b>PERMISIONARIO:</b>	Tarahumara Pipeline, S. de R.L. de C.V.
<b>PUNTO DE MEDICIÓN:</b>	El Encino
<b>ZONA DE MEDICIÓN:</b>	<u>RESTO DEL PAÍS</u>

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> )
01/04/2020	91.6774	0.2878	0.7403	0.9799	9.0081	254.2914	13.0894	40.4427	51.7927	0.0793
02/04/2020	93.8879	0.3240	1.0030	1.1837	7.4862	253.9841	12.3532	40.0638	51.5601	0.0793
03/04/2020	93.3019	0.2709	0.7901	1.0178	7.1303	251.9035	12.5090	39.6568	51.2659	0.0794
04/04/2020	94.2134	0.1224	0.7739	0.8768	6.7845	250.7187	12.6940	39.4622	51.2269	0.0789
05/04/2020	93.2044	0.1286	0.7588	0.8784	6.8398	250.6622	16.6346	39.4968	51.2704	0.0788
06/04/2020	93.8746	0.1317	0.7610	0.8914	5.9639	249.9628	17.7166	39.2299	51.1090	0.0784
07/04/2020	94.9758	0.1424	0.8465	0.9849	5.4335	251.4596	15.4216	39.0999	51.0320	0.0787
08/04/2020	94.9610	0.1631	0.8378	0.9574	5.1707	252.6712	31.6154	38.9880	50.9564	0.0788
09/04/2020	94.4400	0.1403	0.7963	0.9360	6.2171	254.3294	31.4080	39.3057	51.1512	0.0786
10/04/2020	94.0397	0.1293	0.8278	0.9436	5.8413	254.9209	22.6081	39.2148	51.1238	0.0787
11/04/2020	94.0559	0.1555	0.7815	0.9150	5.9851	252.3086	12.9379	39.2398	51.1177	0.0786
12/04/2020	94.0539	0.1350	0.7614	0.8873	5.8279	253.3303	12.8492	39.1894	51.0829	0.0787
13/04/2020	93.9149	0.1727	0.8409	0.9473	6.0549	253.7884	12.9137	39.2704	51.0889	0.0790
14/04/2020	94.8641	0.1752	0.8999	1.0751	6.0686	254.7433	12.2992	39.2659	51.1159	0.0789
15/04/2020	95.5079	0.1702	0.8087	0.9480	5.6424	253.8981	11.9124	39.1748	51.0534	0.0790
16/04/2020	95.9905	0.1898	0.8289	0.9878	5.4105	254.4672	11.7666	39.0455	50.9714	0.0793
17/04/2020	95.8226	0.2699	0.8048	1.0695	5.0965	254.1641	11.4885	38.9413	50.8939	0.0792
18/04/2020	94.7825	0.2413	0.8316	1.0134	5.4445	257.5472	11.2004	39.2208	51.0516	0.0793
19/04/2020	94.5337	0.1877	0.8301	0.9998	5.6322	258.9741	11.7591	39.3961	51.1730	0.0791
20/04/2020	96.4531	0.1499	0.7915	0.9391	5.6850	259.5713	12.3054	39.2681	51.0822	0.0793
21/04/2020	97.2427	0.1789	0.8776	1.0565	4.2355	259.8104	13.2738	38.7036	50.7733	0.0794
22/04/2020	96.3818	0.1992	0.8387	1.0260	3.8629	258.7540	12.5804	38.7829	50.8146	0.0791
23/04/2020	97.6771	0.1603	0.8085	0.9582	3.9615	255.7623	12.8188	38.6346	50.7590	0.0792
24/04/2020	97.7938	0.1347	0.7826	0.9137	3.2247	256.6755	12.3035	38.4246	50.6423	0.0794
25/04/2020	97.4996	0.1751	0.8101	0.9596	3.7357	257.7328	12.0676	38.5652	50.7077	0.0793
26/04/2020	97.7910	0.1503	0.8904	1.0378	3.9673	258.8369	12.1036	38.6371	50.7628	0.0790
27/04/2020	98.0665	0.1655	0.8738	1.0238	3.2660	259.3807	13.1254	38.4122	50.6039	0.0790
28/04/2020	97.7587	0.1619	0.8428	0.9635	3.5856	260.2449	12.6096	38.4763	50.6350	0.0793
29/04/2020	97.5131	0.1843	0.8970	1.0751	2.9839	260.3849	11.6815	38.4803	50.5656	0.0791
30/04/2020	96.2700	0.2168	0.9103	1.1052	3.9377	259.9457	12.6710	38.7424	50.7102	0.0790

<b>Máximo</b>	98.0665	0.3240	1.0030	1.1837	9.0081	260.3849	31.6154	40.4427	51.7927	0.0794
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**Observaciones:**

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

**(Registros mínimos diarios)**



<b>PERMISIONARIO:</b>	Tarahumara Pipeline, S. de R.L. de C.V.
<b>PUNTO DE MEDICIÓN:</b>	El Encino
<b>ZONA DE MEDICIÓN:</b>	<u>RESTO DEL PAÍS</u>

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> )
01/04/2020	89.6244	0.1211	0.6885	0.8282	7.1488	251.2370	10.8509	39.5788	51.2159	0.0778
02/04/2020	90.9033	0.1116	0.6769	0.8497	5.1015	248.3035	10.7752	38.9879	50.8787	0.0779
03/04/2020	91.5096	0.0891	0.7304	0.8499	5.6267	250.1113	10.2997	39.1440	51.0371	0.0778
04/04/2020	92.2119	0.0802	0.7392	0.8243	4.8089	248.9420	11.6964	38.9024	50.9306	0.0778
05/04/2020	92.1891	0.0590	0.7355	0.7996	5.8250	248.5809	11.1911	39.1914	51.0889	0.0777
06/04/2020	93.0612	0.0980	0.7393	0.8467	5.1414	248.3367	15.4986	38.9864	50.9550	0.0776
07/04/2020	93.5473	0.0979	0.7424	0.8424	4.0169	249.4323	12.5177	38.6557	50.7582	0.0769
08/04/2020	93.8427	0.1023	0.7495	0.8570	4.0550	250.8700	11.0527	38.6579	50.7624	0.0771
09/04/2020	92.7855	0.0905	0.7353	0.8258	4.5914	251.5376	10.8975	38.8161	50.8312	0.0768
10/04/2020	93.1484	0.0826	0.7286	0.8127	4.9950	244.5804	11.7641	38.9669	50.9230	0.0772
11/04/2020	93.0547	0.1062	0.7253	0.8404	4.9874	245.1971	11.4866	38.9467	50.9502	0.0773
12/04/2020	93.1975	0.1050	0.7328	0.8388	4.9708	249.9289	11.2395	38.9317	50.9279	0.0775
13/04/2020	92.8487	0.0946	0.7210	0.8156	5.0261	251.0055	10.8100	38.9913	50.9568	0.0777
14/04/2020	92.9258	0.0909	0.7376	0.8354	4.0913	250.4754	10.3730	38.6713	50.7517	0.0777
15/04/2020	93.2870	0.0954	0.7317	0.8472	3.4493	251.2561	9.8583	38.4683	50.6287	0.0776
16/04/2020	93.5780	0.1263	0.7238	0.8772	2.9603	251.0733	9.1134	38.3253	50.5345	0.0778
17/04/2020	93.8626	0.1131	0.7335	0.8466	3.0059	251.7235	9.7156	38.3009	50.4453	0.0775
18/04/2020	93.2573	0.1276	0.7469	0.9134	4.1523	254.5965	9.4735	38.6749	50.7271	0.0776
19/04/2020	92.9085	0.1301	0.7522	0.8888	4.3909	255.5916	9.9161	38.7614	50.7719	0.0776
20/04/2020	93.0040	0.0990	0.7330	0.8353	2.6084	256.6616	9.3475	38.2404	50.5386	0.0777
21/04/2020	94.7510	0.1103	0.7615	0.8915	1.7136	256.9489	9.0098	38.0134	50.3905	0.0776
22/04/2020	94.8354	0.1349	0.7643	0.9150	2.5972	253.5839	10.4735	38.2230	50.4927	0.0775
23/04/2020	95.0552	0.0799	0.7480	0.8419	1.4129	253.5818	10.1067	37.8945	50.3585	0.0774
24/04/2020	95.8060	0.0485	0.7669	0.8216	1.3326	254.7737	9.3040	37.8806	50.3601	0.0775
25/04/2020	95.2495	0.1108	0.7749	0.8957	1.5321	255.9616	9.0787	37.9016	50.2920	0.0772
26/04/2020	95.0631	0.0679	0.7665	0.8444	1.2683	256.3359	9.8422	37.8409	50.3094	0.0772
27/04/2020	95.7108	0.0772	0.7755	0.8544	1.0478	256.3367	8.5802	37.7760	50.2717	0.0772
28/04/2020	95.4444	0.0852	0.7708	0.8681	1.2715	256.8590	9.1656	37.8050	50.2479	0.0773
29/04/2020	95.5373	0.0949	0.7715	0.8831	1.4952	257.5967	9.1991	37.8634	50.2677	0.0772
30/04/2020	94.6460	0.1442	0.8025	0.9628	2.6310	258.4124	8.3909	38.2371	50.4694	0.0771

<b>Mínimo</b>	89.6244	0.0485	0.6769	0.7996	1.0478	244.5804	8.3909	37.7760	50.2479	0.0768
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**Observaciones:**