

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

Tarahumara Pipeline, S. de R.L. de C.V.

El Encino

RESTO DEL PAÍS

PERMISIONARIO:

PUNTO DE MEDICIÓN:

ZONA DE MEDICIÓN:

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> )	Ácido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
01/03/2021	96.0179	0.6694	0.8278	1.4972	2.4036	251.0959	11.9489	37.9517	49.9517	0.0792	1.0000	0.0050
02/03/2021	96.2033	0.7437	0.7202	1.4638	2.2822	250.4602	10.8207	37.9104	49.9256	0.0791		
03/03/2021	95.8824	0.7136	0.7144	1.4280	2.6398	250.8289	9.0918	38.0261	50.0157	0.0787		
04/03/2021	94.9053	0.7851	0.6812	1.4663	3.5141	252.0197	9.8306	38.2992	50.1386	0.0789		
05/03/2021	92.7782	0.7807	0.6628	1.4436	5.5157	253.5848	11.9590	38.9683	50.5332	0.0792		
06/03/2021	90.8022	0.7223	0.6572	1.3795	7.4471	253.2531	12.8366	39.6086	50.9402	0.0792		
07/03/2021	90.7762	0.6989	0.6556	1.3545	7.4986	253.3059	13.1689	39.6335	50.9709	0.0791		
08/03/2021	90.7366	0.6815	0.6587	1.3402	7.5106	252.5870	12.8212	39.6679	51.0007	0.0789		
09/03/2021	90.4312	0.6635	0.7069	1.3704	7.6813	251.8699	12.2843	39.7727	51.0502	0.0789		
10/03/2021	90.4217	0.5972	0.6931	1.2903	7.7871	251.9221	12.5518	39.8116	51.1234	0.0789		
11/03/2021	90.5208	0.7157	0.6709	1.3866	7.6013	251.2664	11.5312	39.7219	51.0023	0.0783		
12/03/2021	90.7769	0.6897	0.6744	1.3641	7.3434	252.5081	12.1435	39.6720	50.9899	0.0781		
13/03/2021	90.8708	0.6858	0.6726	1.3584	7.3260	252.4011	13.0775	39.6265	50.9680	0.0784		
14/03/2021	91.0130	0.7154	0.6607	1.3761	7.1399	250.4322	13.3597	39.5823	50.9280	0.0789		
15/03/2021	90.6515	0.6650	0.6636	1.3296	7.5363	250.2143	12.7621	39.7112	51.0334	0.0787		
16/03/2021	90.6515	0.6650	0.6605	1.3255	7.5647	249.6926	13.1315	39.7148	51.0375	0.0784		
17/03/2021	90.6314	0.7202	0.6443	1.2973	7.4039	249.5488	14.3818	39.6671	50.9800	0.0789		
18/03/2021	90.4266	0.6533	0.6440	1.2973	7.5942	251.4798	14.1426	39.7452	51.0697	0.0786		
19/03/2021	90.6946	0.6528	0.6727	1.2472	7.8895	250.5555	14.5063	39.8239	51.1553	0.0785		
20/03/2021	91.3509	0.6314	0.6501	1.3004	7.5339	249.5481	13.7958	39.7228	51.0559	0.0784		
21/03/2021	96.4526	0.6776	0.6959	1.3735	2.1085	246.2731	13.4173	37.9048	49.9796	0.0784		
22/03/2021	96.7702	0.6894	0.7027	1.3921	1.8046	248.9459	12.7153	37.7916	49.9029	0.0785		
23/03/2021	96.7350	0.7014	0.7075	1.4090	1.8223	248.3627	13.6204	37.7907	49.8916	0.0788		
24/03/2021	95.8685	0.6430	0.7245	1.3657	2.7185	249.3905	13.3513	38.0690	50.0854	0.0787		
25/03/2021	96.1553	0.6364	0.7294	1.3058	2.4365	250.6038	13.1660	37.9875	50.0408	0.0785		
26/03/2021	96.0885	0.5755	0.7303	1.3058	2.5650	250.9377	14.2822	38.0456	50.1167	0.0788		
28/03/2021	96.1534	0.6978	0.7069	1.4047	2.3967	250.6544	13.9680	37.9631	49.9942	0.0786		
29/03/2021	95.8789	0.6797	0.7092	1.3889	2.6857	250.0403	12.2794	38.0520	50.0569	0.0784		
30/03/2021	96.0062	0.6583	0.7136	1.3719	2.5757	249.5402	12.2836	38.0268	50.0554	0.0780		
31/03/2021	96.6454	0.7141	0.7064	1.4205	1.8989	250.0310	12.8608	37.8091	49.8939	0.0783		

\* Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

Mínimo	90.4212	0.5745	0.6440	1.2472	1.8046	246.2731	9.0918	37.7907	49.8916	0.0780		
Promedio	93.2278	0.6806	0.6892	1.3698	5.1343	250.6567	12.7355	38.8908	50.5436	0.0787		
Máximo	96.7702	0.7851	0.8278	1.4972	7.8895	253.5848	14.5063	39.8239	51.1553	0.0792		
Desv. Est.	2.720985464	0.049023194	0.037591426	0.057169642	2.552087409	1.701627855	1.21947717	0.862308684	0.51046653	0.00032003		

Observaciones:

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

Tarahumara Pipeline, S. de R.L. de C.V.

El Encino

PERMISIONARIO:

PUNTO DE MEDICIÓN:

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> )
01/03/2021	97.4675	0.8091	0.9049	1.5536	3.4052	253.3590	12.9628	38.2686	50.1673	0.0801
02/03/2021	97.1979	0.9627	0.8103	1.6611	3.5374	252.3537	12.5767	38.3998	50.5286	0.0796
03/03/2021	97.0815	0.8411	0.8508	1.5275	3.6201	253.0091	11.4382	38.3257	50.2178	0.0802
04/03/2021	97.3500	0.9231	0.7337	1.5755	4.9836	253.5440	11.8640	38.8173	50.4180	0.0796
05/03/2021	93.9503	0.8944	0.6881	1.5384	7.7379	255.9163	13.5326	39.6778	50.9890	0.0799
06/03/2021	91.0837	0.7614	0.6715	1.4128	7.8067	255.0832	13.8691	39.7371	51.0175	0.0797
07/03/2021	91.0616	0.7298	0.6609	1.3788	7.8219	255.4106	14.3564	39.7381	51.0381	0.0800
08/03/2021	90.9581	0.8012	0.6738	1.4542	7.9388	255.1000	14.5314	39.8194	51.1311	0.0798
09/03/2021	90.7317	0.7889	0.7406	1.4976	8.9192	252.9917	14.0696	40.2638	51.5806	0.0796
10/03/2021	90.9336	0.8100	0.7464	1.4732	9.1670	253.5357	13.9858	40.4460	51.7193	0.0797
11/03/2021	90.9970	0.9043	0.6937	1.5486	8.1064	252.1444	13.6661	39.8979	51.1699	0.0790
12/03/2021	91.8364	0.8531	0.6973	1.5006	8.2257	254.2346	13.8716	40.0050	51.2168	0.0791
13/03/2021	91.6723	0.7437	0.6894	1.4189	7.6748	254.9992	14.5817	39.7458	51.0509	0.0796
14/03/2021	91.2426	0.7803	0.6822	1.4256	7.5391	252.8264	14.5327	39.6869	51.0140	0.0797
15/03/2021	90.8966	0.7243	0.6707	1.3843	7.8656	251.9079	14.3011	39.8387	51.1478	0.0798
16/03/2021	90.7682	0.7003	0.6695	1.3532	7.7108	251.8843	15.4241	39.7654	51.0709	0.0798
17/03/2021	91.6178	0.9315	0.6638	1.5437	7.6540	250.5248	15.5035	39.7689	51.1202	0.0797
18/03/2021	91.4719	0.9489	0.6809	1.5607	8.1278	253.9783	15.9275	39.9386	51.2623	0.0797
19/03/2021	90.6100	0.8209	0.6814	1.2952	8.0561	252.2275	15.8599	39.8767	51.2048	0.0798
20/03/2021	91.1696	0.8171	0.6659	1.4332	7.7679	252.1281	15.5507	39.7994	51.1240	0.0796
21/03/2021	94.9725	0.6725	0.6947	1.3576	8.0007	249.6569	14.7530	39.8809	51.1929	0.0792
22/03/2021	97.6513	0.7890	0.7125	1.4755	2.7732	247.1754	15.2242	38.1241	50.1312	0.0798
23/03/2021	97.5004	0.7342	0.7258	1.4318	2.2219	250.6870	14.6587	37.9137	50.0021	0.0793
24/03/2021	97.6107	0.8085	0.7198	1.4918	2.3835	250.4631	15.1187	37.9594	49.9998	0.0796
25/03/2021	96.2021	0.7305	0.7432	1.4457	3.0692	251.5723	15.0057	38.1815	50.1864	0.0794
26/03/2021	96.5426	0.6568	0.7689	1.4030	2.7175	252.9414	15.2341	38.0705	50.1035	0.0798
27/03/2021	96.6616	0.7416	0.8001	1.4463	3.0840	253.4082	16.1690	38.2110	50.4621	0.0796
28/03/2021	97.5378	0.7450	0.7316	1.4476	2.7732	253.0266	16.0306	38.0810	50.0678	0.0797
29/03/2021	97.1803	0.7693	0.7214	1.4578	3.2204	251.0460	14.6425	38.2217	50.1820	0.0793
30/03/2021	96.3249	0.6803	0.7196	1.3929	2.9681	251.2874	14.5618	38.1461	50.1323	0.0789
31/03/2021	97.2727	0.7809	0.7244	1.4817	2.9196	251.2988	15.1739	38.1321	50.1297	0.0791
<b>Máximo</b>	97.6513	0.9627	0.9049	1.6611	9.1670	255.9163	16.1690	40.4460	51.7193	0.0802

Observaciones:

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(Registros mínimos diarios)

PERMISIONARIO:

Tarahumara Pipeline, S. de R.L. de C.V.

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> )
01/03/2021	94.9816	0.5809	0.7040	1.4238	1.0525	249.1818	10.5803	37.5648	49.7374	0.0786
02/03/2021	95.2421	0.2114	0.6743	1.0217	1.3347	248.6333	8.7757	37.5928	49.6140	0.0785
03/03/2021	94.9431	0.4118	0.6852	1.1732	1.5938	249.3525	6.3014	37.6795	49.7390	0.0768
04/03/2021	93.1508	0.4467	0.6355	1.1804	1.0400	249.4819	6.5931	37.5044	49.6036	0.0781
05/03/2021	90.5542	0.6722	0.6436	1.3372	4.3382	252.1235	9.6411	38.5595	50.2467	0.0785
06/03/2021	90.4140	0.6850	0.6487	1.3517	7.1128	251.8546	11.2557	39.5053	50.8578	0.0785
07/03/2021	90.4568	0.6706	0.6487	1.3294	7.1927	251.3757	11.0663	39.5405	50.9020	0.0784
08/03/2021	90.3600	0.6061	0.6261	1.2779	7.1265	250.6808	10.2407	39.5619	50.8619	0.0781
09/03/2021	89.4523	0.2475	0.6839	0.9869	7.2182	250.6029	9.0185	39.6168	50.8797	0.0781
10/03/2021	89.1291	0.1894	0.6632	0.9271	7.1689	250.6361	10.3798	39.5273	50.8317	0.0782
11/03/2021	90.1135	0.5999	0.6443	1.2936	6.9574	250.4722	8.9831	39.4840	50.7526	0.0769
12/03/2021	90.0259	0.5547	0.6277	1.2506	6.3316	251.2118	9.5591	39.3590	50.7815	0.0765
13/03/2021	90.5240	0.6485	0.6614	1.3312	6.4825	249.5919	10.2376	39.3562	50.7752	0.0766
14/03/2021	90.6876	0.6530	0.6433	1.3351	6.8725	248.5703	10.4406	39.5068	50.8658	0.0778
15/03/2021	90.3556	0.5957	0.6522	1.2643	7.2837	248.8526	10.0706	39.6179	50.9466	0.0778
16/03/2021	90.5022	0.6405	0.6529	1.3100	7.3797	247.6455	9.4933	39.6706	50.9948	0.0767
17/03/2021	90.5167	0.5665	0.6123	1.2303	6.4049	248.2199	11.8814	39.2774	50.6258	0.0780
18/03/2021	90.2095	0.5065	0.6100	1.1839	6.5493	249.1586	10.9788	39.3137	50.6385	0.0778
19/03/2021	90.2950	0.5410	0.6586	1.2208	7.6641	248.7762	11.4618	39.7555	51.0933	0.0777
20/03/2021	90.5118	0.6000	0.6161	1.2625	6.9403	247.5588	10.3618	39.4908	50.8249	0.0773
21/03/2021	90.3000	0.5686	0.6220	1.2277	3.5306	244.0438	9.9055	38.3672	50.2537	0.0765
22/03/2021	95.7999	0.5911	0.6827	1.2925	0.9582	245.4355	10.4170	37.5484	49.7385	0.0771
23/03/2021	96.3394	0.6385	0.6832	1.3516	1.0689	247.1601	8.9309	37.5724	49.7620	0.0777
24/03/2021	96.1765	0.5853	0.6804	1.2969	0.9107	246.8407	10.3363	37.5011	49.6645	0.0777
25/03/2021	95.5326	0.5245	0.7146	1.2650	2.4418	248.0306	9.8813	37.9736	49.9949	0.0778
26/03/2021	95.8770	0.5961	0.7145	1.3274	2.0461	248.2616	9.2506	37.8746	49.9711	0.0772
27/03/2021	95.5051	0.1504	0.7020	0.9504	1.9217	249.3659	10.8932	37.8304	49.9330	0.0777
28/03/2021	95.7736	0.6173	0.6963	1.3449	0.9897	248.3843	11.0055	37.5330	49.7142	0.0778
29/03/2021	95.3741	0.6343	0.6885	1.3528	1.3332	249.1242	8.9576	37.6306	49.7603	0.0769
30/03/2021	95.6187	0.6442	0.7081	1.3578	2.2513	248.2488	9.0694	37.9267	49.9884	0.0770
31/03/2021	95.6776	0.6335	0.6931	1.3549	1.2489	248.6367	8.9787	37.6076	49.7527	0.0776
<b>Mínimo</b>	89.1291	0.1504	0.6100	0.9271	0.9107	244.0438	6.3014	37.5011	49.6036	0.0765

Observaciones: