

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio 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 Rocío (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
01/11/2019	96.5235	0.2287	1.0414	1.2701	2.0945	257.4430	18.8978	37.9681	50.1715	0.9695		
02/11/2019	97.7109	0.3167	0.8752	1.1919	1.0739	255.6983	18.4835	37.6513	50.0050	0.9694		
03/11/2019	97.8033	0.3056	0.8216	1.1273	1.0425	254.4582	18.6435	37.6697	50.0485	0.9692		
04/11/2019	96.7101	0.3213	0.8327	1.1540	2.0703	252.3043	19.7510	37.9774	50.2085	0.9689		
05/11/2019	95.8204	0.4534	0.7446	1.1980	2.9269	250.5842	24.5962	38.1972	50.2824	0.9687		
06/11/2019	96.0673	0.3420	0.7827	1.1247	2.7681	250.3764	24.9951	38.1690	50.3280	0.9686		
07/11/2019	96.7169	0.3506	0.7539	1.1045	2.1316	249.8386	22.8666	38.0010	50.2383	0.9684		
08/11/2019	96.1594	0.3191	0.7618	1.0809	2.7209	251.4294	22.1016	38.1732	50.3554	0.9684		
09/11/2019	96.5154	0.3037	0.7570	1.0606	2.3921	252.0810	24.2705	38.0833	50.3172	0.9681		
10/11/2019	95.9161	0.3023	0.7744	1.0767	2.9716	255.0662	24.9951	38.2442	50.4019	0.9686		
11/11/2019	96.6887	0.3111	0.7303	1.0414	2.1965	254.4620	29.7567	38.0603	50.3112	0.9683		
12/11/2019	97.0982	0.3125	0.7123	1.0248	1.8477	254.4539	30.2376	37.9396	50.2495	0.9690		
13/11/2019	97.1499	0.3105	0.7168	1.0273	1.7962	255.4549	29.0793	37.9223	50.2391	0.9687		
14/11/2019	96.7333	0.3199	0.7490	1.0689	2.1682	257.6297	28.5358	38.0144	50.2700	0.9683		
15/11/2019	96.7547	0.3103	0.8093	1.1196	2.0869	257.7480	30.0746	37.9775	50.2276	0.9683		
16/11/2019	97.9664	0.3160	0.7113	1.0272	0.9821	258.6719	33.8603	37.6846	50.1010	0.9681		
17/11/2019	96.4842	0.2506	0.7639	1.0145	2.4302	259.2519	34.1320	38.1401	50.3842	0.9680		
18/11/2019	96.7341	0.2990	0.7799	1.0789	2.1364	258.1864	31.4357	38.0147	50.2707	0.9680		
19/11/2019	97.0038	0.3930	0.7200	1.1130	1.8301	257.4347	30.4605	37.9163	50.1753	0.9680		
20/11/2019	96.7014	0.3652	0.7749	1.1401	2.1219	256.9991	27.7957	37.9785	50.2053	0.9684		
21/11/2019	96.4456	0.3510	0.8172	1.1682	2.3416	256.8454	25.0956	38.0350	50.2280	0.9688		
22/11/2019	96.9999	0.3816	0.7468	1.1283	1.8356	256.4034	24.1375	37.9011	50.1625	0.9689		
23/11/2019	95.9223	0.3845	0.8435	1.2281	2.7719	256.6485	23.5383	38.1546	50.2607	0.9692		
24/11/2019	96.8137	0.3927	0.8045	1.1971	1.9458	257.2547	22.4446	37.9108	50.1332	0.9690		
25/11/2019	97.1432	0.3909	0.7197	1.1106	1.7211	256.9338	22.2936	37.8689	50.1501	0.9690		
26/11/2019	96.8448	0.3924	0.7565	1.1489	1.9825	257.5483	23.2365	37.9279	50.1657	0.9690		
27/11/2019	97.0464	0.3792	0.7578	1.1369	1.7668	257.2740	23.4901	37.8871	50.1509	0.9692		
28/11/2019	96.7804	0.3415	0.7330	1.0745	2.0940	259.0824	23.7875	38.0042	50.2562	0.9688		
29/11/2019	97.1746	0.3517	0.7285	1.0802	1.7241	259.4813	23.5596	37.8787	50.1793	0.9689		
30/11/2019	97.4484	0.3785	0.7481	1.1266	1.4007	259.6131	24.6676	37.7702	50.0888	0.9691		

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

Mínimo	95.8204	0.2287	0.7113	1.0145	0.9821	249.8386	18.4835	37.6513	50.0050	0.9680		
Promedio	96.7959	0.3392	0.7756	1.1148	2.0457	255.8886	25.3740	37.9707	50.2189	0.9687		
Máximo	97.9664	0.4534	1.0414	1.2701	2.9716	259.6131	34.1320	38.2442	50.4019	0.9695		
Desv. Est.	0.52916333	0.046660292	0.065211295	0.062870197	0.510276541	2.832271419	4.270186189	0.150501104	0.094364159	0.00043971		

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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01/11/2019	97.7553	0.4014	20.8235	1.6227	3.9343	255.3855	20.8235	38.7194	50.6333	0.9705
02/11/2019	98.1084	0.7055	18.9724	1.6787	1.2547	254.5196	18.9724	37.7355	49.9843	0.9698
03/11/2019	98.1394	0.3908	19.7427	1.3033	1.6636	251.9127	19.7427	37.8691	50.1400	0.9698
04/11/2019	98.2021	0.5480	21.5702	1.5950	4.0886	251.2874	21.5702	38.7498	50.6940	0.9695
05/11/2019	98.2083	0.8408	26.7480	1.6530	4.1695	251.2105	26.7480	38.5799	50.5414	0.9695
06/11/2019	97.2503	0.4291	26.8268	1.3312	3.7936	251.1891	26.8268	38.4504	50.4443	0.9695
07/11/2019	97.2311	0.4039	24.2885	1.2152	2.8131	251.7145	24.2885	38.3432	50.4818	0.9695
08/11/2019	96.6742	0.3678	23.3245	1.1999	3.3815	251.8373	23.3245	38.3706	50.4617	0.9692
09/11/2019	97.5623	0.3739	26.0850	1.1947	3.0477	253.9640	26.0850	38.2702	50.4252	0.9691
10/11/2019	96.5398	0.3523	26.8268	1.2172	3.4230	256.4241	26.8268	38.3937	50.4915	0.9695
11/11/2019	97.3329	0.3888	31.0716	1.1712	2.8478	256.0866	31.0716	38.3127	50.4469	0.9694
12/11/2019	97.6401	0.3617	31.0716	1.0881	2.5335	254.8949	31.0716	38.1426	50.3787	0.9694
13/11/2019	97.6361	0.3411	29.5675	1.0718	2.2400	256.7152	29.5675	38.0500	50.3167	0.9691
14/11/2019	97.1160	0.3634	29.5451	1.1926	2.5167	258.6583	29.5451	38.1250	50.3494	0.9693
15/11/2019	98.4120	0.3534	32.0605	1.2557	2.5468	258.6742	32.0605	38.0968	50.2707	0.9691
16/11/2019	98.4531	0.4454	35.7062	1.1970	2.2432	258.5123	35.7062	38.0737	50.3654	0.9685
17/11/2019	97.1876	0.2809	36.9353	1.1235	3.2801	258.3543	36.9353	38.4521	50.5976	0.9687
18/11/2019	97.2994	0.4119	32.9078	1.2421	2.7706	258.2814	32.9078	38.2476	50.4386	0.9688
19/11/2019	97.5423	0.4498	33.0096	1.2063	2.6626	258.2983	33.0096	38.2092	50.3394	0.9684
20/11/2019	97.3252	0.4255	30.4024	1.3040	2.9457	258.1738	30.4024	38.2291	50.3627	0.9693
21/11/2019	97.1660	0.4004	27.6158	1.2573	2.9600	257.9808	27.6158	38.2089	50.3166	0.9693
22/11/2019	97.4478	0.4314	26.0074	1.2294	2.6517	257.7149	26.0074	38.1596	50.3274	0.9701
23/11/2019	96.6860	0.4591	25.3488	1.4399	3.6390	257.6207	25.3488	38.4979	50.4850	0.9699
24/11/2019	98.0228	0.4374	24.7231	1.3020	2.9277	257.4021	24.7231	38.2064	50.2798	0.9704
25/11/2019	97.7679	0.4349	23.3605	1.2322	2.1365	257.8724	23.3605	38.0112	50.2447	0.9707
26/11/2019	97.1316	0.4248	24.6207	1.2370	2.2512	258.6460	24.6207	38.0230	50.2301	0.9705
27/11/2019	97.3593	0.4412	24.1060	1.2946	2.3982	257.8978	24.1060	38.1561	50.3085	0.9699
28/11/2019	97.3714	0.4150	26.0844	1.1583	2.7129	260.2255	26.0844	38.2071	50.3741	0.9706
29/11/2019	97.3469	0.3736	25.3904	1.1082	2.0231	260.9113	25.3904	37.9821	50.2476	0.9706
30/11/2019	97.9614	0.4911	26.7691	1.3002	1.7461	261.4364	26.7691	37.9023	50.1855	0.9703

Máximo	98.4531	0.8408	36.9353	1.6787	4.1695	261.4364	36.9353	38.7498	50.6940	0.9707
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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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulhídrico (mg/m ³)
01/11/2019	94.3481	0.1274	0.8531	0.9805	1.0978	256.1286	17.8438	37.6892	50.0733	0.9691
02/11/2019	97.4718	0.1896	0.7522	0.9418	0.8294	253.5856	17.7985	37.4885	49.8813	0.9690
03/11/2019	97.0984	0.2201	0.7099	0.9300	0.7126	253.2704	18.3224	37.5714	49.9837	0.9688
04/11/2019	94.5360	0.1778	0.7333	0.9112	0.6798	250.4440	18.5465	37.5733	50.0051	0.9684
05/11/2019	94.6132	0.3250	0.6299	0.9549	0.5111	250.6815	22.8813	37.3968	49.7161	0.9682
06/11/2019	94.9092	0.2480	0.7320	0.9800	1.6713	251.4482	23.5436	37.8808	50.2064	0.9680
07/11/2019	95.9169	0.2949	0.7157	1.0106	1.6453	251.4449	21.6671	37.8522	50.1491	0.9680
08/11/2019	95.4835	0.2755	0.7266	1.0021	2.2829	253.1208	21.6267	38.0650	50.3327	0.9680
09/11/2019	95.8376	0.2626	0.7115	0.9741	1.3054	254.8952	22.8118	37.7546	50.0928	0.9678
10/11/2019	95.3975	0.2455	0.7154	0.9610	2.2834	255.9832	23.5436	38.0234	50.2438	0.9680
11/11/2019	95.8740	0.2524	0.7000	0.9524	1.5654	253.2974	27.7505	37.8281	50.1412	0.9677
12/11/2019	96.4309	0.2880	0.6931	0.9810	1.3270	255.2560	29.3316	37.7745	50.1533	0.9687
13/11/2019	96.7072	0.2877	0.7076	0.9952	1.3160	257.2669	28.4768	37.7843	50.1597	0.9685
14/11/2019	96.4154	0.2921	0.7193	1.0114	1.8238	257.3636	27.3309	37.9184	50.2262	0.9675
15/11/2019	96.2472	0.2746	0.7010	0.9757	0.5564	258.2511	28.3427	37.5709	50.0450	0.9676
16/11/2019	96.7559	0.2265	0.6738	0.9003	0.5071	258.9293	31.4074	37.5416	50.0118	0.9673
17/11/2019	95.6240	0.2270	0.7145	0.9414	1.7449	257.9029	32.1455	37.9079	50.2419	0.9674
18/11/2019	96.1170	0.2368	0.7399	0.9767	1.5009	257.0863	30.2621	37.7868	50.0705	0.9673
19/11/2019	96.0767	0.3687	0.7066	1.0753	1.2964	256.9340	28.4092	37.7140	50.0230	0.9675
20/11/2019	95.8503	0.3065	0.7175	1.0240	1.5292	256.1238	26.1210	37.8122	50.1127	0.9676
21/11/2019	95.7910	0.2945	0.7697	1.0643	1.6174	256.1330	23.8155	37.8151	50.0865	0.9679
22/11/2019	96.1901	0.3281	0.7189	1.0470	1.3963	255.8194	23.1017	37.7651	50.0771	0.9682
23/11/2019	94.9252	0.3419	0.7114	1.0533	2.0713	257.0336	22.7813	37.9322	50.1427	0.9684
24/11/2019	95.7222	0.3649	0.7227	1.0876	0.8536	257.1064	21.3710	37.6245	50.0211	0.9683
25/11/2019	96.7199	0.3413	0.7106	1.0519	1.1524	257.7234	21.4281	37.7241	50.1036	0.9684
26/11/2019	96.5912	0.3389	0.7190	1.0580	1.6564	258.1598	22.7304	37.8201	50.0865	0.9683
27/11/2019	96.3120	0.3134	0.7200	1.0334	1.4512	258.3321	22.9688	37.7601	50.0616	0.9690
28/11/2019	96.1187	0.3122	0.7230	1.0352	1.4666	259.5161	23.0197	37.7796	50.0789	0.9682
29/11/2019	96.8665	0.3358	0.7238	1.0596	1.5587	259.2055	22.4201	37.8304	50.1530	0.9679
30/11/2019	97.0747	0.3026	0.7066	1.0092	0.8186	258.6080	23.5666	37.5776	49.9253	0.9683

Mínimo	94.3481	0.1274	0.6299	0.9003	0.5071	250.4440	17.7985	37.3968	49.7161	0.9673
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Observaciones: