

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL



(Valores promedio 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)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
01/01/2017	89.7154	0.1672	2.6238	2.7910	7.1218	233.0483	13.5519	38.9830	50.0854	0.0218		
02/01/2017	90.1019	0.2071	2.2245	2.4316	6.9856	235.0819	14.0392	39.1557	50.3313	0.0516		
03/01/2017	90.6870	0.2095	2.1037	2.3132	6.4288	233.2676	15.2202	39.0901	50.3469	0.0515		
04/01/2017	90.6412	0.3216	2.0163	2.3379	6.4884	235.5367	17.8894	39.0751	50.3019	0.0516		
05/01/2017	91.2906	0.3008	1.7979	2.0987	6.1319	235.7055	19.6074	39.0365	50.3903	0.0515		
06/01/2017	91.0396	0.2069	1.9755	2.1823	6.2641	236.1758	19.3451	39.0602	50.3880	0.0518		
07/01/2017	90.9039	0.1497	2.1817	2.3315	6.2713	237.6583	20.2545	38.9940	50.2984	0.0518		
08/01/2017	91.0410	0.1579	2.3227	2.4806	6.0990	238.3371	19.2815	38.8112	50.1238	0.0517		
09/01/2017	90.0399	0.1895	2.4403	2.6298	6.9932	239.4752	18.0581	38.9846	50.1521	0.0516		
10/01/2017	89.3958	0.1576	2.4763	2.6340	7.5857	239.6019	16.8937	39.1848	50.2738	0.0517		
11/01/2017	88.7531	0.1582	2.5668	2.7250	8.1073	239.1193	15.8654	39.3131	50.3067	0.0515		
12/01/2017	89.8873	0.1169	2.4514	2.5684	7.1221	240.4376	15.1674	39.0996	50.2620	0.0515		
13/01/2017	90.8348	0.1156	2.2648	2.3804	6.3334	238.8153	15.2683	38.9589	50.2659	0.0516		
14/01/2017	89.2771	0.1696	2.3184	2.4881	7.6615	239.5961	16.5920	39.3875	50.4486	0.0514		
15/01/2017	90.7861	0.1429	2.1367	2.2797	6.4148	239.4574	18.2075	39.0766	50.3695	0.0516		
16/01/2017	89.9488	0.1532	2.3695	2.5227	7.0783	240.3003	17.5734	39.1229	50.2870	0.0518		
17/01/2017	89.6497	0.1598	2.4454	2.6052	7.3119	242.3362	16.9710	39.1496	50.2645	0.0516		
18/01/2017	89.9140	0.1251	2.3807	2.5058	7.0891	244.2161	16.3378	39.1629	50.3237	0.0516		
19/01/2017	89.1595	0.1313	2.4667	2.5980	7.7468	244.2155	15.5863	39.3105	50.3667	0.0516		
20/01/2017	89.9692	0.1035	2.2552	2.3587	7.0472	240.7088	15.8377	39.2912	50.4666	0.6461		
21/01/2017	89.5432	0.1279	2.3231	2.4510	7.4986	239.8574	15.0930	39.3058	50.4293	0.7489		
22/01/2017	91.3845	0.0800	2.0119	2.0920	5.9453	240.6449	14.9604	39.0517	50.4530	0.7491		
23/01/2017	91.0318	0.0922	2.1839	2.2761	6.1898	242.9877	14.4728	38.9982	50.3378	0.7487		
24/01/2017	92.2172	0.0920	1.8540	1.9460	5.3559	241.7931	14.2272	38.8788	50.4167	0.7485		
25/01/2017	91.1128	0.2907	2.0802	2.3708	6.1134	242.0458	14.0760	38.8758	50.1801	0.7491		
26/01/2017	90.5856	0.3049	2.1953	2.5002	6.4677	244.3276	13.6340	38.9520	50.1634	0.7491		
27/01/2017	89.9996	0.1703	2.4812	2.6515	6.8399	244.6805	13.9370	39.0337	50.1748	0.7490		
28/01/2017	90.2042	0.1812	2.3090	2.4902	6.8386	244.9399	13.9370	39.0671	50.2627	0.7490		
29/01/2017	89.9073	0.1397	2.3213	2.4610	7.0942	245.1031	12.1170	39.2029	50.3630	0.7490		
30/01/2017	89.9813	0.1419	2.4520	2.5939	6.8517	245.3742	11.4040	39.1027	50.2461	0.6060		
31/01/2017	90.9799	0.1617	2.1637	2.3254	6.0737	245.1760	11.7020	39.0300	50.3175	0.6020		

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

Mínimo	88.7531	0.0800	1.7979	1.9460	5.3559	233.0483	11.4040	38.8112	50.0854	0.0218		
Promedio	90.3220	0.1686	2.2643	2.4329	6.7597	240.3233	15.7132	39.0886	50.3031	0.3079		
Máximo	92.2172	0.3216	2.6238	2.7910	8.1073	245.3742	20.2545	39.3875	50.4666	0.7491		
Desv. Est.	0.768472157	0.062465676	0.202294495	0.191704354	0.623465065	3.578685267	2.306778676	0.137561972	0.099111063	0.331892557		

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)
01/01/2017	90.6943	0.2618	2.7883	3.0501	8.6106	238.1116	14.4954	39.4415	50.3431	0.2511
02/01/2017	91.2423	0.2697	2.5348	2.8046	8.5581	237.0985	15.3521	39.4183	50.3367	0.0519
03/01/2017	91.2500	0.2977	2.4496	2.7473	7.4033	236.7057	16.3205	39.3160	50.3908	0.0519
04/01/2017	91.0097	0.3948	2.1152	2.5099	6.7443	236.6529	19.5608	39.3089	50.4437	0.0531
05/01/2017	91.5738	0.4145	2.0361	2.4506	6.5015	237.8681	20.4547	39.1452	50.4673	0.0519
06/01/2017	92.3712	0.3191	2.3529	2.6720	6.8316	238.6005	20.8272	39.1912	50.3922	0.0531
07/01/2017	91.2050	0.1983	2.2964	2.4947	6.4883	238.3766	29.6544	39.1404	50.3947	0.0531
08/01/2017	91.3136	0.1950	2.5239	2.7189	6.4760	239.6215	21.4231	38.9544	50.2218	0.0531
09/01/2017	90.7928	0.2334	2.5860	2.8194	7.6032	241.0489	20.2313	39.1498	50.2017	0.0531
10/01/2017	90.1721	0.1745	2.5984	2.7730	8.0353	241.3302	18.7787	39.2881	50.2916	0.0531
11/01/2017	89.4173	0.1768	2.6404	2.8172	8.5179	241.8838	17.4378	39.4332	50.3619	0.0519
12/01/2017	90.5314	0.1622	2.5008	2.6630	8.2869	241.8638	16.0970	39.4023	50.3854	0.0531
13/01/2017	91.7239	0.1876	2.3750	2.5626	7.5177	242.4239	16.2087	39.3134	50.3776	0.0531
14/01/2017	90.5001	0.2215	2.4240	2.6455	8.3900	242.9620	17.8475	39.5462	50.4758	0.0531
15/01/2017	91.7837	0.1829	2.3496	2.5326	7.9835	242.1861	18.7389	39.5150	50.5492	0.0524
16/01/2017	90.9949	0.2067	2.5272	2.7339	8.7901	242.7978	19.2337	39.5786	50.4443	0.0528
17/01/2017	90.6058	0.1919	2.5507	2.7426	8.2010	244.1643	17.7730	39.4384	50.4000	0.0519
18/01/2017	91.1573	0.1664	2.7139	2.8804	7.8696	246.0387	17.0970	39.3599	50.3839	0.0521
19/01/2017	90.0571	0.1838	2.5932	2.7770	8.5941	246.3901	16.2236	39.5095	50.4403	0.0519
20/01/2017	90.0828	0.1102	2.2785	2.3887	7.2791	246.5427	17.7861	39.4393	50.5699	0.7496
21/01/2017	90.6112	0.1615	2.5269	2.6884	8.4332	242.5245	16.1020	39.5216	50.4625	0.7493
22/01/2017	91.8974	0.1044	2.2774	2.3818	6.8359	243.0728	15.7941	39.2151	50.4402	0.7493
23/01/2017	91.9000	0.1257	2.3503	2.4760	6.5987	245.4142	16.0169	39.2069	50.5137	0.7493
24/01/2017	92.8429	0.1075	2.0231	2.1306	5.7153	243.5288	14.8772	38.9574	50.3966	0.7496
25/01/2017	91.9942	0.4357	2.3224	2.7581	6.4782	243.1707	14.4470	39.0210	50.2386	0.7495
26/01/2017	90.9218	0.3564	2.3581	2.7146	7.0177	245.6195	14.0938	39.0786	50.2137	0.7502
27/01/2017	90.8251	0.3077	2.8179	3.1255	7.3880	246.7143	14.9370	39.2410	50.2518	0.8450
28/01/2017	90.6269	0.2471	2.5349	2.7820	7.5846	246.8260	16.9370	39.2135	50.2787	0.9580
29/01/2017	91.1664	0.1826	2.4828	2.6654	8.0170	247.1014	15.1170	39.3868	50.4064	0.7120
30/01/2017	90.6941	0.1959	2.5885	2.7844	7.3168	247.2322	12.4040	39.2878	50.3496	0.7060
31/01/2017	91.6826	0.2148	2.4721	2.6869	6.8719	247.0444	15.7020	39.1574	50.3289	0.8020

Máximo	92.8429	0.4357	2.8179	3.1255	8.7901	247.2322	29.6544	39.5786	50.5699	0.9580
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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 Sulfhídrico (mg/m ³)
01/01/2017	88.2151	0.1220	2.4964	2.6184	6.2762	231.8110	12.5214	38.7407	49.9837	0.0002
02/01/2017	88.2737	0.1427	2.0491	2.1918	5.9770	232.3092	12.7076	38.9009	50.2485	0.0507
03/01/2017	89.3968	0.1098	1.7862	1.8961	6.0798	232.5886	13.6015	38.8902	50.2061	0.0507
04/01/2017	90.0862	0.2532	1.9197	2.1728	6.3364	233.3241	16.6929	38.9402	50.2314	0.0507
05/01/2017	90.8786	0.2020	1.5934	1.7955	5.8724	234.4250	18.4062	38.8880	50.2459	0.0507
06/01/2017	90.2040	0.1167	1.5877	1.7044	5.2930	234.4651	12.0372	38.9340	50.4652	0.0507
07/01/2017	90.5828	0.1190	2.0058	2.1248	6.0606	236.0673	18.7787	38.8844	50.2285	0.0507
08/01/2017	90.6172	0.1239	2.0740	2.1979	5.8219	237.0931	18.0710	38.6604	49.9935	0.0507
09/01/2017	89.2496	0.1484	2.3562	2.5046	6.1841	237.7260	17.4751	38.7397	49.9982	0.0507
10/01/2017	88.8486	0.1409	2.4144	2.5553	6.8501	238.2392	16.2087	38.9706	50.1546	0.0507
11/01/2017	88.2689	0.1374	2.4739	2.6113	7.5995	237.9080	15.3521	39.1724	50.2698	0.0507
12/01/2017	88.6176	0.0902	2.3114	2.4016	6.5488	238.1668	14.5699	38.9486	50.1950	0.0457
13/01/2017	89.3700	0.0777	2.1377	2.2154	5.5814	238.0117	14.5327	38.7228	50.1608	0.0507
14/01/2017	88.4346	0.1160	2.2217	2.3377	6.4919	237.9048	15.6500	39.1123	50.3439	0.0507
15/01/2017	89.0054	0.1017	1.8934	1.9951	5.5543	236.8809	17.7321	38.8360	50.2555	0.0510
16/01/2017	87.9598	0.0805	2.2341	2.3146	6.2229	238.2680	17.0728	38.8779	50.1973	0.0513
17/01/2017	88.6189	0.1141	2.3410	2.4551	6.4116	239.8539	16.4136	38.8221	50.0612	0.0512
18/01/2017	88.9087	0.0868	2.0964	2.1832	6.0753	242.3245	15.7171	38.9155	50.2291	0.0510
19/01/2017	88.2701	0.0757	2.3704	2.4461	6.9191	242.0343	15.1981	39.0605	50.2392	0.0513
20/01/2017	89.6619	0.0938	2.1822	2.2759	6.9558	237.7548	14.2130	39.2305	50.4224	0.0514
21/01/2017	88.3744	0.0866	2.0551	2.1417	6.6266	238.0572	14.6047	39.1231	50.3856	0.7475
22/01/2017	90.2840	0.0602	1.8799	1.9401	5.4802	238.7795	14.3210	38.8953	50.3697	0.7490
23/01/2017	90.4971	0.0739	1.8973	1.9712	5.5937	240.8769	13.9175	38.8891	50.3689	0.7483
24/01/2017	91.6487	0.0826	1.6224	1.7050	5.0067	239.6964	13.9101	38.7948	50.4414	0.7477
25/01/2017	90.4724	0.1092	1.8747	1.9840	5.5885	240.9800	13.8740	38.7474	50.2134	0.7488
26/01/2017	89.9827	0.2666	2.0905	2.3572	6.2300	243.4563	13.4265	38.8853	50.1425	0.7487
27/01/2017	89.0927	0.0931	2.1890	2.2821	6.2437	243.1549	13.2370	38.8638	50.1498	0.6490
28/01/2017	89.2732	0.0942	2.1700	2.2642	6.4460	243.7507	13.0070	38.9128	50.1744	0.5490
29/01/2017	88.8965	0.1038	2.1286	2.2323	6.1572	243.6575	11.9170	38.9716	50.3385	0.5490
30/01/2017	89.4141	0.1119	2.3598	2.4717	6.2446	243.9165	11.0040	38.9146	50.1648	0.4060
31/01/2017	90.0026	0.1256	2.0294	2.1550	5.5932	243.8785	10.7020	38.9099	50.3224	0.3020

Mínimo	87.9598	0.0602	1.5877	1.7044	5.0067	231.8110	10.7020	38.6604	49.9837	0.0002
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Observaciones: