

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/m³)	Poder Calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Acido Sulfhídrico (mg/m³)	Azufre total* (mg/m³)	Oxígeno* (% vol)
01/05/2016	90.0098	0.3103	2.1983	2.5086	7.0031	255.7635	2.0536	39.1010	50.2324	0.0160		
02/05/2016	90.9456	0.2088	2.3400	2.5488	6.1046	255.9207	2.0952	38.7845	50.0556	0.0137		
03/05/2016	90.2365	0.1606	2.6056	2.7662	6.5999	256.6036	2.6911	38.8394	50.0027	0.0160		
04/05/2016	90.4433	0.1474	2.5295	2.6769	6.4282	256.6342	2.6511	38.8580	50.0554	0.0160		
05/05/2016	90.3800	0.1548	2.4069	2.5617	6.5506	256.5600	2.8000	38.9698	50.1690	0.0160		
06/05/2016	90.1427	0.2587	2.2920	2.5507	6.7472	256.6548	2.2474	39.0581	50.2008	0.0183		
07/05/2016	91.0334	0.1394	2.5707	2.7102	5.9077	256.8518	2.4076	38.6339	49.9132	0.0137		
08/05/2016	90.3947	0.1790	2.4572	2.6362	6.5344	256.3122	1.9671	38.8898	50.0847	0.0092		
09/05/2016	90.2328	0.2248	2.3735	2.5984	6.6530	256.1468	2.2394	38.9898	50.1483	0.0114		
10/05/2016	90.8466	0.1738	2.3212	2.4951	6.2465	256.1315	2.2586	38.8514	50.1260	0.3089		
11/05/2016	90.4328	0.1316	2.3044	2.4360	6.6740	255.9164	2.5197	39.0232	50.2608	0.1304		
12/05/2016	90.5113	0.1654	2.3580	2.5234	6.5222	256.1383	3.8797	38.9380	50.1653	0.0824		
13/05/2016	91.9847	0.1140	1.9801	2.0942	5.5843	255.3375	2.8080	38.7770	50.2755	0.0847		
14/05/2016	90.6879	0.1351	2.0753	2.2105	6.6114	255.0233	2.0824	39.1202	50.4153	0.0824		
15/05/2016	89.9428	0.1582	2.5319	2.6901	6.8742	254.7943	1.7909	39.0056	50.1325	0.1007		
16/05/2016	89.2850	0.1776	2.6561	2.8338	7.3899	255.2651	1.5009	39.0991	50.1193	0.0595		
17/05/2016	88.7778	0.1763	2.6363	2.8126	7.8977	255.1553	1.3888	39.2619	50.2228	0.0892		
18/05/2016	88.6922	0.1670	2.5893	2.7563	8.0510	254.8043	1.8405	39.3193	50.2826	0.0892		
19/05/2016	90.1613	0.1087	2.4078	2.5165	6.8070	255.0460	3.4968	39.0780	50.2616	0.0915		
20/05/2016	90.5412	0.1274	2.4673	2.5946	6.4411	255.8075	2.1945	38.8805	50.1093	0.1327		
21/05/2016	90.6239	0.2399	2.0605	2.3004	6.6776	256.0323	2.1016	39.0447	50.3084	0.1213		
22/05/2016	90.8331	0.1722	2.5018	2.6740	6.1390	256.2995	1.5298	38.7208	49.9720	0.0870		
23/05/2016	89.9121	0.4619	1.9569	2.4188	7.4048	256.1434	1.8774	39.1239	50.2513	0.1396		
24/05/2016	89.3485	0.3941	2.3580	2.7521	7.5576	255.8585	1.5746	39.0861	50.0987	0.1327		
25/05/2016	89.0749	0.3616	2.3812	2.7428	7.8632	256.0135	1.6691	39.1595	50.1528	0.1098		
26/05/2016	89.4304	0.4007	2.2179	2.6186	7.5037	256.3424	2.0183	39.1904	50.2154	0.1579		
27/05/2016	89.5510	0.3900	2.2967	2.6867	7.4796	256.4222	1.6179	39.0519	50.1086	0.1167		
28/05/2016	89.6461	0.3887	2.2445	2.6332	7.4067	256.4429	1.5618	39.0689	50.1421	0.1510		
29/05/2016	90.1422	0.3759	2.3126	2.6885	6.8679	256.2254	1.3984	38.8857	50.0148	0.1144		
30/05/2016	90.1180	0.3843	2.0641	2.4485	7.1449	255.7837	1.4176	39.0512	50.2139	0.1030		
31/05/2016	89.9611	0.4313	1.9667	2.3980	7.3635	255.2856	1.4192	39.1287	50.2702	0.1053		

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

Mínimo	88.6922	0.1087	1.9569	2.0942	5.5843	254.7943	1.3888	38.6339	49.9132	0.0092		
Promedio	90.1395	0.2393	2.3375	2.5768	6.8721	255.9263	2.1000	38.9997	50.1607	0.0878		
Máximo	91.9847	0.4619	2.6561	2.8338	8.0510	256.8518	3.8797	39.3193	50.4153	0.3089		
Desv. Est.	0.699043382	0.11248976	0.200447148	0.172059102	0.604112231	0.57733004	0.603959726	0.157968811	0.108946583	0.063117454		

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)
01/05/2016	91.3626	0.4271	2.5304	2.9576	7.6352	257.6788	3.8435	39.2275	50.2792	0.0265
02/05/2016	91.7434	0.3519	2.6222	2.9742	6.6422	257.6843	3.0376	39.0005	50.1970	0.0341
03/05/2016	91.0456	0.1882	2.7412	2.9293	7.5407	258.7970	3.1312	39.0758	50.1020	0.0260
04/05/2016	91.2424	0.2019	2.6808	2.8827	7.0569	258.0279	3.0896	39.0242	50.1341	0.0275
05/05/2016	91.2330	0.1932	2.6708	2.8640	7.4032	258.5424	4.3709	39.1295	50.1489	0.0264
06/05/2016	90.4052	0.2941	2.4956	2.7897	7.2078	258.5392	4.3538	39.1508	50.2406	0.0317
07/05/2016	92.2172	0.2390	2.7262	2.9653	7.0597	259.4124	3.6621	39.0914	50.1921	0.0218
08/05/2016	91.4597	0.2223	2.6075	2.8298	7.1089	258.9528	3.9697	39.1191	50.2323	0.0130
09/05/2016	90.7219	0.2581	2.4624	2.7205	7.0763	258.0703	5.5704	39.1289	50.2335	0.0184
10/05/2016	91.6426	0.2452	2.5807	2.8259	6.9019	258.1983	4.9206	39.0299	50.1436	0.5026
11/05/2016	91.6765	0.1726	2.3807	2.5533	7.1960	258.4544	5.4309	39.2549	50.4278	0.1890
12/05/2016	91.0398	0.2609	2.5125	2.7734	7.0265	257.9676	8.3983	39.0442	50.1563	0.1085
13/05/2016	92.5996	0.1401	2.2231	2.3631	6.0174	257.5130	6.3693	38.8902	50.2932	0.1368
14/05/2016	92.5542	0.1714	2.3767	2.5480	7.2640	257.4373	5.1549	39.4933	50.6880	0.2689
15/05/2016	90.9131	0.2071	2.6985	2.9056	7.5526	256.5514	3.5200	39.2804	50.3240	0.1174
16/05/2016	90.0782	0.2200	2.7271	2.9471	8.2063	257.5601	2.1576	39.3533	50.2300	0.0951
17/05/2016	89.4212	0.1992	2.7222	2.9214	8.6096	257.3144	4.2850	39.5076	50.3697	0.2133
18/05/2016	89.4035	0.1938	2.7088	2.9026	8.5994	256.6731	2.6293	39.5349	50.3839	0.3284
19/05/2016	91.3057	0.1851	2.7134	2.8985	7.7186	257.5324	5.0796	39.3548	50.3978	0.1123
20/05/2016	91.3714	0.1712	2.6935	2.8647	7.3300	257.8084	8.0541	39.0975	50.1059	0.2354
21/05/2016	91.4615	0.3811	2.4888	2.8699	7.1943	257.7096	8.6856	39.2950	50.4472	0.4031
22/05/2016	92.1933	0.3784	2.9340	3.3124	7.2387	258.7815	2.9526	39.1059	50.2315	0.1744
23/05/2016	90.3245	0.5631	2.2812	2.8443	7.8551	258.0615	3.4258	39.2626	50.2946	0.2146
24/05/2016	89.7641	0.4811	2.5067	2.9878	8.2615	257.4490	2.3901	39.3328	50.2467	0.2215
25/05/2016	89.4492	0.5000	2.7283	3.2283	8.1201	257.6397	4.2522	39.3789	50.3329	0.1569
26/05/2016	90.1299	0.5489	2.6277	3.1766	7.9390	258.6556	5.0380	39.5204	50.5559	1.0678
27/05/2016	90.7489	0.5589	2.6089	3.1678	8.8503	259.4255	4.6456	39.4552	50.3496	0.2262
28/05/2016	90.4826	0.7039	2.6349	3.3388	8.8391	258.7195	3.4298	39.3966	50.2521	0.4931
29/05/2016	90.8368	0.5199	2.8582	3.3781	7.6158	258.7769	2.4476	39.1953	50.2076	0.3435
30/05/2016	91.5224	0.5381	2.9310	3.4691	8.3666	258.9668	4.0818	39.5725	50.6933	0.1438
31/05/2016	91.0275	0.6225	2.6135	3.2360	8.2821	257.9337	3.4926	39.4090	50.4701	0.3394

Máximo	92.5996	0.7039	2.9340	3.4691	8.8503	259.4255	8.6856	39.5725	50.6933	1.0678
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Observaciones:	
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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)
01/05/2016	89.2134	0.1309	2.0454	2.1763	5.7313	253.3988	0.8092	38.8706	50.1971	0.0064
02/05/2016	90.3639	0.1026	1.9444	2.0470	5.3188	254.4892	1.1345	38.4815	49.8626	0.0031
03/05/2016	89.2017	0.1412	2.5288	2.6699	5.8560	254.7395	2.0592	38.6111	49.8784	0.0023
04/05/2016	89.7416	0.1072	2.3494	2.4567	5.7884	255.3081	2.3303	38.6513	49.9559	0.0024
05/05/2016	89.2361	0.1004	2.1706	2.2710	5.7761	255.3485	1.9248	38.7418	50.0641	0.0058
06/05/2016	89.5895	0.2060	2.2036	2.4096	6.5825	255.4209	1.0653	38.9401	50.1433	0.0077
07/05/2016	89.7928	0.0753	2.2555	2.3307	4.9422	254.6477	1.3362	38.2841	49.7274	0.0070
08/05/2016	89.7992	0.1311	2.3516	2.4827	5.5821	254.0464	1.1741	38.5685	49.9189	0.0010
09/05/2016	89.7926	0.1634	2.2823	2.4457	6.2037	254.4920	1.2110	38.8303	50.0500	0.0055
10/05/2016	89.9380	0.1261	2.1355	2.2616	5.4649	254.5049	0.9138	38.5599	49.9419	0.1665
11/05/2016	89.8827	0.0622	2.1957	2.2579	5.7215	253.7933	1.3577	38.7539	50.2022	0.0626
12/05/2016	89.8062	0.1059	2.2150	2.3209	6.0704	254.7644	1.4997	38.8101	50.1065	0.0439
13/05/2016	91.3548	0.0943	1.8569	1.9512	5.1365	254.0918	1.1465	38.6341	50.2269	0.0115
14/05/2016	89.8727	0.1030	1.6282	1.7312	5.2612	252.9765	0.8591	38.6780	50.2521	0.0428
15/05/2016	89.4492	0.4811	2.2812	2.7623	7.6158	257.0790	0.9881	39.1953	50.2102	0.0553
16/05/2016	88.3114	0.1267	2.5698	2.6965	6.6663	253.2441	0.7192	38.8368	49.9547	0.0307
17/05/2016	88.0200	0.1612	2.5731	2.7343	7.2492	252.9133	0.5589	39.0631	50.1021	0.0406
18/05/2016	87.9949	0.1200	2.4067	2.5267	7.5319	253.2080	0.5916	39.1791	50.2655	0.0465
19/05/2016	88.9647	0.0710	2.1296	2.2007	5.7636	252.8960	2.1165	38.7901	50.1351	0.0379
20/05/2016	89.2781	0.0906	2.1892	2.2798	5.9590	254.5296	1.3574	38.6866	50.0333	0.0096
21/05/2016	89.7329	0.0935	1.7784	1.8720	5.7054	254.3873	0.5649	38.7340	50.1080	0.0479
22/05/2016	89.7553	0.0814	2.0044	2.0858	4.7505	253.8065	0.2153	38.2477	49.6747	0.0065
23/05/2016	89.2512	0.3228	1.8022	2.1251	7.0321	254.4391	0.4619	39.0187	50.2183	0.0811
24/05/2016	88.6342	0.3291	2.1978	2.5269	7.1490	254.6776	0.5889	38.9522	50.0239	0.0018
25/05/2016	88.5345	0.2631	1.8928	2.1559	7.5835	254.7491	0.5989	39.0697	50.1159	0.0216
26/05/2016	88.8439	0.2614	1.7738	2.0353	6.8562	254.1092	0.7197	39.0176	50.1026	0.0423
27/05/2016	88.3217	0.2816	2.0380	2.3197	6.3245	253.9806	0.7433	38.7054	49.9380	0.0092
28/05/2016	88.0112	0.2360	1.4056	1.6416	6.6366	254.6149	0.5359	38.7532	49.8898	0.0477
29/05/2016	89.2186	0.1777	1.8817	2.0594	5.9289	253.8945	0.5700	38.4828	49.6845	0.0203
30/05/2016	89.4043	0.0975	1.3875	1.4850	5.3764	252.6271	0.5944	38.3890	49.7143	0.0237
31/05/2016	89.0371	0.1958	1.3725	1.5683	5.9304	252.9731	0.5533	38.5842	49.8509	0.0081

Mínimo	87.9949	0.0622	1.3725	1.4850	4.7505	252.6271	0.2153	38.2477	49.6747	0.0010
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Observaciones:	
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