

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



(Valores promedio diarios)

<b>PERMISIONARIO:</b>	<b>TARAHUMARA PIPELINE</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>EL ENCINO</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

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)
01/03/2017	89.9734	0.2935	2.8361	3.1295	6.5386	247.7355	12.4143	38.6792	49.7322	0.7780	<1.0	0.0050
02/03/2017	90.2804	0.3665	2.5793	2.9458	6.4521	248.0029	14.6729	38.7023	49.8093	1.3044		
03/03/2017	89.5535	0.3672	2.6527	3.0199	7.1123	248.4923	14.5928	38.8584	49.8679	0.5721		
04/03/2017	89.6072	0.3370	2.7165	3.0536	7.0726	248.9401	13.9841	38.8026	49.8276	0.7094		
05/03/2017	90.6646	0.4321	2.2409	2.6730	6.4532	249.2190	13.3113	38.7360	49.9339	1.0298		
06/03/2017	91.1835	0.4699	2.0261	2.4960	6.0864	249.3111	16.2047	38.7154	49.9911	0.7478		
07/03/2017	90.9951	0.3674	2.1909	2.5583	6.1398	249.6993	14.8286	38.7507	50.0075	0.7477		
08/03/2017	89.8928	0.2494	2.5943	2.8438	6.9347	250.5548	14.4428	38.8808	49.9845	0.7477		
09/03/2017	89.7117	0.3240	2.5357	2.8597	7.1371	250.6140	14.1732	38.9098	49.9775	0.7613		
10/03/2017	90.6755	0.3590	2.2581	2.6171	6.3868	250.7888	13.4754	38.8088	50.0171	0.7649		
11/03/2017	89.7593	0.3347	2.4628	2.7975	7.1225	251.4312	13.4931	38.9472	50.0239	0.7650		
12/03/2017	90.2291	0.3758	2.3519	2.7277	6.6742	251.4054	13.8154	38.8813	50.0065	0.7650		
13/03/2017	90.3641	0.3909	2.2418	2.6327	6.6990	251.7896	14.4285	38.8797	50.0441	0.7649		
14/03/2017	90.9798	0.4481	2.1690	2.6170	6.0664	252.2591	14.2684	38.7336	49.9527	0.7650		
15/03/2017	90.2365	0.3697	2.2107	2.5804	6.7218	252.6879	13.9274	39.0132	50.1485	0.7571		
16/03/2017	89.8874	0.3739	2.5039	2.8778	6.8604	253.1467	13.7083	38.8834	49.9425	0.7602		
17/03/2017	89.6786	0.3399	2.5228	2.8627	7.0625	252.9440	13.9200	38.9572	49.9996	0.8238		
18/03/2017	90.1608	0.3251	2.4279	2.7530	6.7411	252.8373	13.3594	38.8738	50.0027	0.6636		
19/03/2017	90.9742	0.4375	2.0650	2.5025	6.2415	252.6493	12.6706	38.7875	50.0373	1.0755		
20/03/2017	89.9804	0.4420	2.3091	2.7511	6.9686	252.8944	13.0602	38.9136	50.0001	0.7261		
21/03/2017	90.5739	0.3570	2.1737	2.5307	6.5875	252.7543	15.6661	38.8906	50.1030	1.9222		
22/03/2017	90.3538	0.3429	2.0937	2.4366	6.8718	252.8876	13.5196	39.0272	50.2265	1.2815		
23/03/2017	90.9646	0.3400	2.1637	2.5037	6.2021	252.4086	11.8216	38.8068	50.0703	1.7071		
24/03/2017	91.2024	0.3542	2.1888	2.5430	5.8899	251.6704	14.6889	38.7241	50.0014	1.5790		
25/03/2017	91.3472	0.3258	2.1170	2.4428	5.8367	251.8611	14.0322	38.7515	50.0682	0.9153		
26/03/2017	91.5622	0.2450	2.2794	2.5244	5.5501	251.8147	15.0894	38.6316	49.9813	1.0526		
27/03/2017	91.3274	0.2806	2.2936	2.5742	5.7612	251.8733	16.1043	38.6568	49.9658	0.7174		
28/03/2017	90.8665	0.3183	2.3038	2.6220	6.2311	251.3552	17.1771	38.7366	49.9825	0.7652		
29/03/2017	90.6118	0.2806	2.3845	2.6652	6.4217	250.5666	19.9993	38.7873	50.0016	0.7657		
30/03/2017	90.6767	0.2998	2.4094	2.7092	6.3106	250.4807	19.2286	38.7402	49.9505	0.7656		
31/03/2017	90.7414	0.2777	2.4922	2.7699	6.2025	250.0971	18.3919	38.6761	49.8915	0.7654		

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

<b>Mínimo</b>	94.0813	0.6972	0.1898	0.9271	2.4617	245.7518	8.8445	38.2886	50.2924	0.2850		
<b>Promedio</b>	95.6992	0.8352	0.2551	1.0904	2.9893	249.0800	13.3752	38.3968	50.3632	0.6799		
<b>Máximo</b>	96.3944	1.0990	0.2994	1.2909	4.4152	251.5619	15.8293	38.7295	50.4744	3.1154		
<b>Desv. Est.</b>	0.715637896	0.116351461	0.031961005	0.104476537	0.619623994	1.772741488	1.786320104	0.14495386	0.04550056	0.746341019		

Observaciones:

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

**(Registros máximos diarios)**



<b>PERMISIONARIO:</b>	<b>TARAHUMARA PIPELINE</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>EL ENCINO</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

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> )
01/03/2017	90.7463	0.4183	3.1033	3.5216	7.2060	250.0155	13.0746	38.9165	49.9195	0.8651
02/03/2017	90.7233	0.4476	2.6899	3.1375	6.8194	249.3378	15.4534	38.8021	49.8524	1.4503
03/03/2017	90.4757	0.4695	3.2629	3.7324	7.9039	250.7538	15.3690	39.1232	50.0644	0.6361
04/03/2017	90.4962	0.4287	3.0772	3.5059	7.8277	250.9841	14.7279	39.0087	49.9290	0.7887
05/03/2017	91.3605	0.5342	2.8007	3.3349	7.1768	251.6707	14.0194	38.9671	50.0368	1.1450
06/03/2017	91.7327	0.5403	2.2451	2.7854	7.1327	251.3869	16.4421	38.9892	50.1360	0.7480
07/03/2017	92.0724	0.5377	2.4682	3.0060	6.8584	251.7449	16.4763	38.9921	50.1063	0.7480
08/03/2017	90.7770	0.3391	2.9114	3.2505	7.5112	252.3294	14.9635	39.0192	50.0119	0.7478
09/03/2017	90.5676	0.3576	2.7343	3.0919	7.8672	252.3648	14.4557	39.1274	50.0981	0.7651
10/03/2017	91.8066	0.4043	2.5675	2.9719	7.6224	252.8493	14.2490	39.0436	50.0441	0.7652
11/03/2017	91.0728	0.4187	2.7913	3.2100	7.7090	253.4159	14.5724	39.1226	50.1285	0.7653
12/03/2017	92.3382	0.4596	2.7648	3.2244	7.3880	253.6735	15.0088	39.1057	50.1090	0.7654
13/03/2017	91.9780	0.4678	2.5076	2.9754	7.8826	254.2048	14.9262	39.1578	50.1316	0.7652
14/03/2017	91.9917	0.5946	2.7649	3.3595	7.4812	255.2003	14.7704	39.2867	50.3333	0.7652
15/03/2017	91.2613	0.4285	2.4675	2.8960	8.4437	255.7066	14.4979	39.4181	50.2801	0.7654
16/03/2017	90.6592	0.4298	2.9095	3.3393	8.0716	255.7118	14.2806	39.3736	50.2807	0.7652
17/03/2017	90.3792	0.3774	2.7006	3.0780	7.8364	254.9651	14.5848	39.1893	50.1171	1.1353
18/03/2017	91.0992	0.3539	2.5891	2.9430	7.4399	254.4937	13.9974	39.0863	50.1075	0.9145
19/03/2017	91.9808	0.5422	2.4838	3.0260	7.1881	255.1418	13.2757	39.0221	50.1450	1.4822
20/03/2017	91.4091	0.5293	3.0420	3.5713	8.4824	256.2598	13.4525	39.2844	50.1441	0.7479
21/03/2017	91.1839	0.4820	2.4353	2.9174	7.5897	255.3317	17.0641	39.0701	50.0906	2.6490
22/03/2017	90.8973	0.4287	2.3021	2.7308	8.0092	255.7509	14.7261	39.2811	50.3132	1.7660
23/03/2017	91.7423	0.4113	2.4534	2.8647	7.3715	255.3702	12.8766	39.1667	50.3045	2.3526
24/03/2017	91.8708	0.4431	2.5577	3.0008	6.7529	254.2248	15.9998	39.0086	50.1297	2.1759
25/03/2017	92.0326	0.3571	2.2096	2.5666	6.6168	254.3507	15.2844	38.9196	50.1174	1.2614
26/03/2017	92.2101	0.3228	2.5634	2.8862	6.3013	254.6113	17.5414	38.8846	50.1566	1.4506
27/03/2017	91.9867	0.3191	2.4432	2.7623	6.2274	253.9743	16.7257	38.7914	50.0264	0.7652
28/03/2017	91.2610	0.3995	2.4628	2.8623	6.7446	254.0610	17.8399	38.8743	50.0287	1.0545
29/03/2017	91.2747	0.3600	2.6250	2.9850	7.3273	253.0328	21.1270	39.0105	50.0827	0.7664
30/03/2017	91.2269	0.3919	2.6279	3.0199	6.9634	252.2319	19.8588	38.9133	50.0248	0.7664
31/03/2017	91.2112	0.3219	2.8632	3.1851	6.7978	252.4382	18.8811	38.8473	49.9908	0.7657

<b>Máximo</b>	92.3382	0.5946	3.2629	3.7324	8.4824	256.2598	21.1270	39.4181	50.3333	2.6490
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**Observaciones:**

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

**(Registros mínimos diarios)**



<b>PERMISIONARIO:</b>	<b>TARAHUMARA PIPELINE</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>EL ENCINO</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

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> )
01/03/2017	89.4760	0.2071	2.4736	2.6807	6.0030	246.0181	12.1236	38.4727	49.6039	0.7697
02/03/2017	89.8371	0.3173	2.4061	2.7234	6.1498	246.8973	14.3294	38.5988	49.7529	1.2904
03/03/2017	88.9225	0.2973	2.3262	2.6236	6.1821	246.8271	14.2511	38.5140	49.6345	0.5660
04/03/2017	88.8041	0.2617	2.4844	2.7461	6.1158	247.1865	13.6567	38.4398	49.5131	0.7018
05/03/2017	89.7413	0.3557	1.8907	2.2464	5.7190	247.1419	12.9997	38.3694	49.6086	1.0188
06/03/2017	90.1384	0.4193	1.8605	2.2798	5.6610	247.7602	15.8704	38.6243	49.9875	0.7475
07/03/2017	89.9816	0.2508	1.7121	1.9630	5.4152	248.3284	14.5209	38.6050	50.0040	0.7476
08/03/2017	89.0869	0.1512	2.2870	2.4381	6.3256	249.2041	14.1056	38.7847	50.0252	0.7475
09/03/2017	88.9522	0.2669	2.3455	2.6125	6.4728	249.0873	13.9113	38.7095	49.8927	0.7136
10/03/2017	89.1915	0.3148	2.0504	2.3651	5.5340	249.2988	13.1223	38.5771	49.9622	0.7647
11/03/2017	89.1362	0.2905	2.1761	2.4666	6.0338	249.6811	13.0739	38.7017	49.9528	0.7647
12/03/2017	89.3709	0.3036	1.8721	2.1757	5.1643	248.8814	13.5097	38.4903	49.9477	0.7646
13/03/2017	88.9776	0.3244	1.9377	2.2621	5.4275	249.5642	14.1118	38.5708	49.9746	0.7645
14/03/2017	89.8094	0.2992	1.7198	2.0190	5.2696	249.4334	14.0063	38.2991	49.6068	0.7647
15/03/2017	88.3012	0.3112	1.9676	2.2788	5.8110	250.6387	10.4544	38.6846	49.9300	0.5739
16/03/2017	88.6929	0.2689	2.3029	2.5718	6.2288	251.2851	11.6364	38.5821	49.7144	0.6502
17/03/2017	88.8057	0.3033	2.3141	2.6174	6.3493	251.5356	12.6312	38.6696	49.7922	0.7599
18/03/2017	89.3812	0.2727	2.1446	2.4173	6.0906	251.1448	12.1224	38.6775	49.9328	0.6121
19/03/2017	90.0516	0.3291	1.6299	1.9590	5.1960	250.3567	11.4974	38.4599	49.8273	0.9920
20/03/2017	88.3555	0.3763	1.8606	2.2369	5.8421	250.9496	11.8509	38.6890	50.0030	0.2244
21/03/2017	89.3163	0.2817	1.8931	2.1748	6.0622	251.0478	14.2155	38.7571	50.0422	1.7730
22/03/2017	89.1192	0.2180	1.8603	2.0783	6.3665	250.9985	12.2678	38.8491	50.1232	1.1820
23/03/2017	89.8128	0.2840	1.9178	2.2018	5.4674	250.6543	10.7270	38.5259	49.8643	1.5746
24/03/2017	90.1063	0.2860	1.8013	2.0873	5.2590	249.4878	13.3289	38.3912	49.7053	1.4564
25/03/2017	90.4994	0.2954	2.0113	2.3067	5.2971	250.0226	12.7329	38.5738	49.9848	0.8443
26/03/2017	90.8469	0.1794	1.9657	2.1451	4.8543	249.7251	13.6922	38.3434	49.7652	0.9709
27/03/2017	90.7733	0.2349	2.1036	2.3385	5.1674	250.2851	14.5789	38.4916	49.8915	0.0005
28/03/2017	90.2715	0.1973	2.1235	2.3207	5.7627	249.4852	13.6632	38.5750	49.8663	0.7058
29/03/2017	89.5858	0.1950	2.2130	2.4080	5.8422	248.6892	11.1922	38.6458	49.9546	0.7652
30/03/2017	89.9382	0.2307	2.2475	2.4783	5.6540	248.6166	11.1922	38.4717	49.7401	0.7651
31/03/2017	90.1162	0.2419	2.2683	2.5102	5.5324	248.6248	15.2621	38.4079	49.6390	0.7652

<b>Mínimo</b>										
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**Observaciones:**