

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 Rocío (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfidrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
01/12/2019	97.5704	0.3258	0.7232	1.0490	1.3554	259.4873	23.2187	37.7874	50.1479	0.9694	1.0000	0.0050
02/12/2019	97.0015	0.3405	0.7272	1.0677	1.9030	260.3711	22.6367	37.9383	50.2221	0.9690		
03/12/2019	96.3753	0.3442	0.8513	1.1955	2.3827	260.6231	24.0831	38.0378	50.2187	0.9690		
04/12/2019	96.9970	0.3553	0.7959	1.1513	1.8152	261.2959	23.1395	37.8865	50.1497	0.9691		
05/12/2019	96.9494	0.3461	0.7562	1.1023	1.9209	261.3493	24.4400	37.9299	50.1997	0.9691		
06/12/2019	96.3573	0.3610	0.7764	1.1374	2.4345	261.2993	24.8590	38.0886	50.2706	0.9695		
07/12/2019	96.3101	0.3349	0.7452	1.0801	2.5453	260.1827	24.5766	38.1389	50.3323	0.9690		
08/12/2019	96.0375	0.3299	0.7228	1.0527	2.8127	256.6785	26.7368	38.2455	50.4070	0.9690		
09/12/2019	96.5784	0.3163	0.7331	1.0494	2.3269	253.1415	29.5132	38.0765	50.3155	0.9694		
10/12/2019	96.1135	0.3268	0.7303	1.0571	2.7825	252.4021	26.4264	38.2048	50.3826	0.9696		
11/12/2019	96.4570	0.4083	0.7514	1.1597	2.3470	253.3256	25.9050	38.0352	50.2184	0.9694		
12/12/2019	96.4240	0.3575	0.7900	1.1475	2.3807	255.2817	25.3308	38.0560	50.2481	0.9691		
13/12/2019	96.7867	0.3224	0.7649	1.0873	2.0890	257.4175	24.8342	37.9891	50.2464	0.9690		
14/12/2019	96.9086	0.3418	0.7380	1.0798	1.9796	258.2412	27.2303	37.9580	50.2274	0.9690		
15/12/2019	95.9249	0.3010	0.7325	1.0334	2.9674	256.4786	25.7886	38.2827	50.4443	0.9691		
16/12/2019	94.8582	0.3087	0.8401	1.1488	3.9124	248.3394	23.8860	38.5120	50.5199	0.9695		
17/12/2019	94.6211	0.3250	0.8582	1.1832	4.1282	249.4919	22.2472	38.5534	50.5238	0.9701		
18/12/2019	95.1114	0.3175	0.7981	1.1156	3.7196	253.0461	22.1060	38.4541	50.5002	0.9699		
19/12/2019	95.1621	0.3275	0.8296	1.1571	3.6046	254.0553	21.5535	38.4183	50.4581	0.9699		
20/12/2019	95.2853	0.3265	0.8524	1.1789	3.4667	253.6718	20.8691	38.3669	50.4189	0.9697		
21/12/2019	96.0632	0.3411	0.7865	1.1276	2.7623	254.3038	21.9213	38.1723	50.3279	0.9699		
22/12/2019	96.4099	0.3637	0.7361	1.0998	2.4540	255.2709	24.8032	38.0880	50.2870	0.9700		
23/12/2019	94.6553	0.2840	0.7907	1.0747	4.1896	255.8694	25.1368	38.6196	50.6212	0.9701		
24/12/2019	94.1099	0.2977	0.8033	1.1010	4.6642	255.6709	23.4220	38.7716	50.6921	0.9693		
25/12/2019	94.1147	0.2913	0.8045	1.0958	4.6697	254.2953	24.0582	38.7722	50.6964	0.9694		
26/12/2019	94.1791	0.3008	0.8152	1.1159	4.5714	254.1102	22.6879	38.7445	50.6691	0.9691		
27/12/2019	94.5387	0.2936	0.7780	1.0716	4.2924	255.1889	20.4501	38.6602	50.6433	0.9694		
28/12/2019	94.9040	0.3060	0.7606	1.0667	3.9192	255.4547	19.3932	38.5638	50.5877	0.9696		
29/12/2019	94.7012	0.3088	0.8325	1.1413	3.9906	256.5751	19.3529	38.5896	50.5672	0.9699		
30/12/2019	94.5291	0.3050	0.8389	1.1439	4.1481	257.1831	18.9959	38.6408	50.5959	0.9701		
31/12/2019	95.5546	0.1985	0.7737	0.9722	3.3056	256.1479	18.9727	38.4593	50.5977	0.9700		

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

Mínimo	94.1099	0.2840	0.7228	1.0334	1.3554	248.3394	18.9959	37.7874	50.1479	0.9690		
Promedio	95.7345	0.3270	0.7821	1.1091	3.0845	256.0034	23.6534	38.2861	50.4047	0.9694		
Máximo	97.5704	0.4083	0.8582	1.1955	4.6697	261.3493	29.5132	38.7722	50.6964	0.9701		
Desv. Est.	1.027529274	0.026564743	0.043525146	0.044892561	0.986197743	3.337622433	2.460857728	0.299279068	0.174909048	0.000376083		

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)
01/12/2019	98.1628	0.4196	0.7342	1.1538	1.8590	260.8039	25.2967	37.9450	50.2446	0.9705
02/12/2019	97.3685	0.3625	0.7366	1.0991	2.8139	264.6569	24.1420	38.2081	50.3687	0.9705
03/12/2019	96.8794	0.3655	1.0454	1.4108	2.8432	261.9959	25.8181	38.1946	50.2857	0.9705
04/12/2019	97.6240	0.3995	0.9806	1.3801	2.2686	262.5828	25.3339	37.9845	50.1391	0.9730
05/12/2019	97.4731	0.4664	0.8068	1.2733	2.6149	262.5852	26.0043	38.1538	50.3355	0.9705
06/12/2019	97.4518	0.4304	0.8841	1.3146	3.6656	263.0159	27.9783	38.4871	50.5070	0.9730
07/12/2019	97.0323	0.3563	0.9411	1.2975	3.0610	261.0973	26.8610	38.3105	50.4384	0.9730
08/12/2019	96.6669	0.3676	0.7375	1.1052	3.3355	258.9695	28.4625	38.4491	50.5235	0.9742
09/12/2019	97.6200	0.3822	0.7750	1.1573	2.9475	256.1281	32.3361	38.2352	50.3632	0.9718
10/12/2019	96.7440	0.3941	0.7560	1.1502	3.1038	253.7733	28.3136	38.3203	50.4350	0.9705
11/12/2019	97.1819	0.5760	0.8031	1.3791	2.7050	254.1998	27.0100	38.1701	50.2900	0.9705
12/12/2019	96.8086	0.4363	0.8181	1.2544	2.8377	257.2152	27.0472	38.2062	50.3699	0.9705
13/12/2019	97.1925	0.3522	0.8218	1.1740	2.5807	258.2959	26.0788	38.1387	50.3515	0.9705
14/12/2019	97.7506	0.3982	0.7679	1.1661	2.6122	259.3310	29.0212	38.1531	50.3472	0.9730
15/12/2019	97.1375	0.3370	0.7598	1.0968	3.4869	258.9636	28.8722	38.4510	50.5499	0.9730
16/12/2019	95.7611	0.3355	0.9103	1.2457	4.5489	254.5315	25.8553	38.7092	50.6270	0.9705
17/12/2019	95.3555	0.3492	0.8820	1.2313	4.6599	251.8828	22.9502	38.7402	50.6405	0.9718
18/12/2019	95.7981	0.3657	0.8648	1.2304	4.4012	254.3881	22.8385	38.7106	50.6277	0.9705
19/12/2019	96.1059	0.3739	0.9250	1.2990	4.9311	255.8639	22.6522	38.9108	50.7255	0.9705
20/12/2019	96.1212	0.3730	1.0100	1.3830	4.6783	255.4731	22.1308	38.7285	50.6295	0.9705
21/12/2019	98.1306	0.4974	0.9232	1.4206	3.4627	256.6456	24.5890	38.3825	50.4258	0.9705
22/12/2019	98.1252	0.6550	0.7766	1.4316	4.5593	258.4886	26.3768	38.7262	50.7244	0.9705
23/12/2019	95.6857	0.3316	0.8527	1.1843	6.0168	258.6144	26.4140	39.1831	51.0272	0.9718
24/12/2019	94.4769	0.3150	0.8324	1.1473	5.2002	256.5156	25.1104	38.9469	50.8095	0.9705
25/12/2019	94.6487	0.3405	0.9976	1.3381	5.1923	255.5090	25.8181	38.9441	50.8140	0.9705
26/12/2019	94.9475	0.3286	0.9385	1.2671	5.2259	255.7286	25.3339	38.9797	50.8219	0.9705
27/12/2019	94.8850	0.3327	0.8330	1.1657	4.6018	256.4168	22.9129	38.7631	50.7007	0.9718
28/12/2019	95.7106	0.3701	0.8650	1.2351	4.6466	256.9490	20.4920	38.7738	50.7379	0.9705
29/12/2019	95.7330	0.3658	0.9716	1.3374	4.9505	258.2634	20.6782	38.8422	50.6747	0.9705
30/12/2019	95.3323	0.3350	0.9198	1.2548	4.7250	258.1449	19.8960	38.8233	50.6506	0.9705
31/12/2019	96.2844	0.3909	0.8616	1.2525	3.7822	256.8554	20.0078	38.6159	50.6590	0.9705

Máximo	98.1628	0.6550	1.0454	1.4316	6.0168	264.6569	32.3361	39.1831	51.0272	0.9742
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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)
01/12/2019	97.0736	0.2686	0.7036	0.9721	0.7918	258.2645	22.0935	37.6374	50.0819	0.9668
02/12/2019	96.0576	0.3219	0.7201	1.0419	1.5277	258.6564	20.9762	37.8209	50.1420	0.9668
03/12/2019	95.7408	0.3253	0.7239	1.0492	1.8967	259.5098	23.0247	37.8951	50.1351	0.9681
04/12/2019	96.3354	0.3319	0.7324	1.0643	1.2784	260.5015	21.8701	37.7528	50.1118	0.9681
05/12/2019	96.2477	0.3071	0.7234	1.0305	1.4104	259.8758	22.9502	37.7859	50.1198	0.9681
06/12/2019	95.0992	0.3009	0.7158	1.0167	1.3430	259.3025	23.6579	37.7389	50.0395	0.9681
07/12/2019	95.7883	0.3100	0.7138	1.0239	1.8612	258.1808	23.4344	37.9309	50.2154	0.9681
08/12/2019	95.4426	0.2958	0.7135	1.0094	2.2753	254.7794	24.2910	38.0508	50.3075	0.9681
09/12/2019	95.8691	0.2824	0.7190	1.0014	1.3200	251.0061	28.2391	37.7849	50.1611	0.9681
10/12/2019	95.7410	0.2930	0.7180	1.0111	2.1574	251.4675	25.4829	38.0055	50.2538	0.9681
11/12/2019	96.1141	0.3274	0.7212	1.0486	1.6795	251.8324	24.4028	37.8552	50.1411	0.9668
12/12/2019	95.9996	0.2881	0.7649	1.0530	2.0155	253.8979	24.2165	37.9547	50.1961	0.9681
13/12/2019	96.3356	0.2856	0.7261	1.0116	1.6754	256.1339	23.2109	37.8666	50.1716	0.9681
14/12/2019	96.3115	0.2976	0.7227	1.0203	1.1714	256.5394	26.1906	37.7323	50.1137	0.9668
15/12/2019	95.3943	0.2599	0.7236	0.9835	1.7923	253.4941	24.1793	37.9133	50.2241	0.9681
16/12/2019	94.1903	0.2756	0.7406	1.0162	3.0090	243.8322	22.8012	38.2284	50.3390	0.9681
17/12/2019	94.0677	0.3077	0.8151	1.1228	3.4341	244.0164	21.1996	38.3494	50.4136	0.9693
18/12/2019	94.2560	0.2885	0.7372	1.0257	2.9825	251.9407	21.1624	38.2230	50.3317	0.9693
19/12/2019	93.6047	0.2798	0.7812	1.0610	2.6824	251.9739	20.3430	38.1318	50.2784	0.9693
20/12/2019	94.0510	0.3025	0.7979	1.1005	2.7202	251.8729	19.5236	38.1645	50.3370	0.9693
21/12/2019	95.2576	0.2760	0.7155	0.9915	0.6858	252.1641	19.7843	37.5506	49.9284	0.9693
22/12/2019	94.4135	0.2363	0.6744	0.9107	0.6462	252.5384	23.6206	37.4856	49.8357	0.9693
23/12/2019	92.9988	0.1956	0.7370	0.9326	3.1851	253.8771	24.2910	38.3067	50.4338	0.9693
24/12/2019	93.5964	0.2728	0.7710	1.0438	4.2677	253.9654	22.5777	38.6435	50.6012	0.9681
25/12/2019	93.6163	0.2662	0.7559	1.0221	4.1886	252.9781	23.2109	38.6399	50.6412	0.9681
26/12/2019	93.4818	0.2697	0.7277	0.9974	3.8061	252.7203	21.0134	38.5047	50.5205	0.9668
27/12/2019	94.1863	0.2603	0.7407	1.0010	3.9810	253.6896	19.0022	38.5676	50.6063	0.9681
28/12/2019	94.2599	0.2702	0.7250	0.9952	3.1470	253.7755	18.5180	38.3216	50.4503	0.9681
29/12/2019	93.6556	0.2497	0.7262	0.9759	3.0945	254.8755	17.9965	38.3254	50.4581	0.9681
30/12/2019	93.7663	0.1099	0.7379	0.8479	3.5812	255.9574	17.6986	38.5017	50.6238	0.9693
31/12/2019	95.0290	0.0753	0.7220	0.7973	2.4692	254.3574	17.6986	38.2407	50.4301	0.9693

Mínimo	92.9988	0.0753	0.6744	0.7973	0.6462	243.8322	17.6986	37.4856	49.8357	0.9668
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Observaciones: