

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)
01/10/2019	96.0994	0.1825	0.8042	0.9867	2.8717	269.6842	29.7698	38.2535	50.4781	1.3509		
02/10/2019	95.7770	0.1641	0.8290	0.9931	3.1705	267.3428	24.2937	38.3484	50.5337	1.3500		
03/10/2019	94.2807	0.1237	1.0608	1.1845	4.3740	266.0062	19.7552	38.6860	50.6465	1.3501		
04/10/2019	93.1928	0.1332	1.1545	1.2877	5.3816	265.8324	19.9313	38.9166	50.7282	1.3501		
05/10/2019	95.8786	0.1433	0.8190	0.9623	3.1020	265.6080	18.6209	38.3384	50.5473	1.3501		
06/10/2019	95.9644	0.2307	0.8014	1.0321	2.9605	265.0929	16.2962	38.2627	50.4506	1.3502		
07/10/2019	95.1918	0.1762	0.8683	1.0445	3.7262	264.6416	14.4438	38.4736	50.5782	1.3502		
08/10/2019	95.1140	0.1897	0.8535	1.0432	3.8030	264.4426	13.0144	38.4973	50.5890	1.3500		
09/10/2019	94.9973	0.2019	0.8919	1.0937	3.8369	262.1229	12.4530	38.5079	50.5687	1.3501		
10/10/2019	94.7307	0.1735	0.8914	1.0649	4.0706	260.9584	12.5433	38.6223	50.6536	1.3503		
11/10/2019	94.8039	0.1574	0.8653	1.0228	4.0564	260.7771	14.7113	38.6242	50.6781	1.3507		
12/10/2019	94.9225	0.1627	0.8522	1.0149	3.9350	262.0079	19.3066	38.5991	50.6661	1.3510		
13/10/2019	95.3178	0.1859	0.8732	1.0591	3.5093	263.0283	22.4744	38.4532	50.5572	1.3506		
14/10/2019	96.0865	0.1745	0.8056	0.9801	2.8772	262.5604	20.7946	38.2661	50.4903	1.3506		
15/10/2019	95.8841	0.1552	0.8533	1.0084	3.0631	262.1000	19.2292	38.3013	50.5019	1.3511		
16/10/2019	95.7302	0.1183	0.8978	1.0161	3.1855	261.5215	20.8415	38.3484	50.5340	1.3502		
17/10/2019	96.2755	0.1126	0.8220	0.9346	2.6890	261.8318	22.1281	38.2576	50.5215	1.3506		
18/10/2019	96.3841	0.0980	0.7933	0.8912	2.6788	262.6772	20.8781	38.2367	50.5337	1.3509		
19/10/2019	96.0908	0.1252	0.8176	0.9429	2.9157	262.8365	18.7261	38.2876	50.5319	1.3506		
20/10/2019	95.2773	0.3051	0.9346	1.2396	3.4245	263.4410	17.9165	38.3253	50.3724	1.3506		
21/10/2019	95.5714	0.3616	0.9730	1.3346	2.9828	261.6772	18.6723	38.1966	50.2407	1.3509		
22/10/2019	95.4714	0.3087	0.9097	1.2183	3.2095	268.9850	18.9220	38.1641	48.2228	1.3511		
23/10/2019	94.7913	0.3609	0.9348	1.2956	3.8268	259.9786	18.1652	38.4366	50.3968	1.3510		
24/10/2019	93.5363	0.2763	0.9691	1.2454	5.0334	259.8121	16.8679	38.8605	50.6814	1.3515		
25/10/2019	93.8015	0.2607	0.9275	1.1883	4.8948	259.6278	18.4734	38.8042	50.6795	1.3529		
26/10/2019	93.2196	0.2881	0.8732	1.1613	5.5337	259.3987	18.3351	38.9741	50.7820	1.3519		
27/10/2019	93.1794	0.2114	1.0061	1.2175	5.5125	255.6479	17.9142	38.9497	50.7608	1.3511		
28/10/2019	93.9119	0.1312	0.9772	1.1084	4.8581	254.9245	16.6541	38.8254	50.7590	1.3514		
29/10/2019	96.0247	0.1542	0.9322	1.0864	2.8028	254.7509	16.2985	38.2248	50.4221	1.3514		
30/10/2019	97.4825	0.2942	0.8656	1.1598	1.2966	254.1314	16.2848	37.7519	50.0832	1.3515		
31/10/2019	97.4869	0.2729	0.8758	1.1487	1.3410	254.8866	15.3334	37.7444	50.0894	1.3522		

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

Mínimo	93.1794	0.0980	0.7933	0.8912	1.2966	254.1314	12.4530	37.7444	48.2228	1.3500		
Promedio	95.2412	0.2011	0.8946	1.0957	3.5782	261.8818	18.3887	38.4367	50.4606	1.3508		
Máximo	97.4869	0.3616	1.1545	1.3346	5.5337	269.6842	29.7698	38.9741	50.7820	1.3529		
Desv. Est.	1.12996137	0.074616295	0.08107841	0.117903226	1.053457974	4.027109844	3.536068516	0.304677578	0.449015758	0.000696953		

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)
01/10/2019	96.5489	0.3130	0.8552	1.1681	3.3704	270.4513	31.7297	38.4195	50.6054	1.3545
02/10/2019	96.5028	0.1992	1.0983	1.2975	4.1198	268.1951	27.5309	38.6479	50.6179	1.3545
03/10/2019	95.2487	0.1618	1.2378	1.3996	5.6557	266.6953	21.9324	39.0280	50.8712	1.3528
04/10/2019	94.0492	0.2011	1.6504	1.8515	5.9860	267.2753	21.6305	39.2380	50.9374	1.3545
05/10/2019	96.8176	0.1980	0.9435	1.1415	3.8220	267.1907	20.2583	38.5333	50.6415	1.3528
06/10/2019	96.5140	0.4741	0.8889	1.3630	3.5381	266.5860	17.3768	38.4126	50.4747	1.3528
07/10/2019	95.7311	0.2165	0.9364	1.1529	4.3190	265.8943	15.7027	38.6362	50.6526	1.3528
08/10/2019	95.4268	0.2291	0.8864	1.1154	4.2740	266.0166	13.9189	38.6348	50.6707	1.3545
09/10/2019	95.9113	0.2475	1.0494	1.2969	4.8552	266.2274	13.2603	38.7121	50.5843	1.3528
10/10/2019	95.7489	0.2201	1.0297	1.2497	4.8688	261.5807	14.0836	38.8230	50.7323	1.3528
11/10/2019	95.1921	0.1966	0.9843	1.1809	4.6238	261.7247	15.9497	38.8794	50.8523	1.3528
12/10/2019	96.0394	0.2065	0.9525	1.1589	4.9494	263.7475	22.6734	38.8069	50.7170	1.3562
13/10/2019	96.3186	0.2290	0.9830	1.2120	4.1454	262.3856	22.9478	38.6200	50.6328	1.3545
14/10/2019	96.5167	0.2256	0.8601	1.0857	3.2368	262.9134	22.1519	38.3634	50.5429	1.3545
15/10/2019	96.1886	0.1822	0.9201	1.1023	3.3431	263.8416	20.2858	38.4111	50.5912	1.3545
16/10/2019	96.2439	0.1386	0.9650	1.1035	3.7700	262.7672	21.8226	38.4797	50.5633	1.3579
17/10/2019	96.5203	0.4597	0.9065	1.3662	2.9552	262.8848	23.3595	38.4240	50.6352	1.3545
18/10/2019	96.6885	0.1229	0.8373	0.9601	2.9103	264.6398	22.4538	38.2966	50.5456	1.3545
19/10/2019	96.6589	0.3272	0.9744	1.3016	3.9669	264.4354	20.1760	38.4682	50.4361	1.3528
20/10/2019	95.8693	0.3861	1.0579	1.4440	4.0395	265.6336	19.2704	38.5111	50.4812	1.3528
21/10/2019	96.8012	0.4545	1.1555	1.6100	3.8454	264.7518	20.0937	38.6015	50.5053	1.3528
22/10/2019	95.8194	0.3515	0.9925	1.3440	3.4891	270.4869	19.8467	38.3953	50.4309	1.3528
23/10/2019	95.8679	0.3917	1.0044	1.3961	4.8495	262.6735	19.5723	38.7813	50.6186	1.3528
24/10/2019	94.0145	0.3727	1.2289	1.6016	5.5635	269.9576	18.4745	38.9779	50.7221	1.3528
25/10/2019	94.0858	0.3153	1.1111	1.4264	5.4510	260.1709	19.2704	38.9469	50.7438	1.3562
26/10/2019	94.0561	0.3819	1.1114	1.4932	6.7440	260.0016	20.2035	39.2450	50.7937	1.3545
27/10/2019	93.5583	0.3649	1.2299	1.5948	5.9200	259.3814	19.7644	39.0855	50.8432	1.3528
28/10/2019	95.3533	0.1924	1.1412	1.3336	5.5421	256.0746	19.3527	39.0817	50.9383	1.3528
29/10/2019	97.3111	0.3490	1.0237	1.3726	3.6450	255.7063	17.7610	38.4381	50.5163	1.3545
30/10/2019	98.4090	0.3809	1.0640	1.4448	2.2011	255.3797	17.8982	38.3325	50.4645	1.3528
31/10/2019	97.9893	0.3159	1.1863	1.5022	1.6650	255.0690	16.4711	37.8434	50.0926	1.3528

Máximo	98.4090	0.4741	1.6504	1.8515	6.7440	270.4869	31.7297	39.2450	50.9383	1.3579
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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)
01/10/2019	95.6409	0.1407	0.7832	0.9239	2.3952	268.2766	27.3388	38.0912	50.3556	1.3494
02/10/2019	94.5071	0.1210	0.7492	0.8701	2.5058	266.3142	21.4933	38.1549	50.4331	1.3494
03/10/2019	93.1542	0.1089	0.9624	1.0713	3.4153	265.1728	18.1452	38.4157	50.5009	1.3494
04/10/2019	92.6200	0.0867	0.7507	0.8374	4.5945	265.0407	18.5294	38.6423	50.5495	1.3494
05/10/2019	95.1458	0.0945	0.7361	0.8306	2.2534	264.6547	16.9651	38.0493	50.3788	1.3476
06/10/2019	95.3683	0.1349	0.7440	0.8788	2.5527	264.1808	15.4283	38.1808	50.4775	1.3476
07/10/2019	94.5679	0.1435	0.8245	0.9680	3.2546	263.7701	13.3700	38.3656	50.5555	1.3476
08/10/2019	94.6332	0.1477	0.8217	0.9694	3.5396	263.0035	12.2449	38.4249	50.5681	1.3476
09/10/2019	93.7964	0.1600	0.7826	0.9426	2.8969	259.9919	11.4490	38.2364	50.3948	1.3476
10/10/2019	93.8399	0.1357	0.7806	0.9163	3.1622	260.4164	11.0922	38.3862	50.5575	1.3494
11/10/2019	94.0992	0.1198	0.7985	0.9183	3.7503	260.0024	13.5896	38.5433	50.6569	1.3494
12/10/2019	93.8385	0.1345	0.7695	0.9040	2.9030	260.9375	15.9223	38.3600	50.5864	1.3494
13/10/2019	94.5951	0.1362	0.7482	0.8845	2.6733	263.5468	21.8775	38.2359	50.4985	1.3494
14/10/2019	95.7268	0.1385	0.7405	0.8791	2.4791	262.2715	19.4350	38.1606	50.4490	1.3494
15/10/2019	95.6202	0.1278	0.7784	0.9062	2.7729	261.0684	18.4745	38.2233	50.4573	1.3494
16/10/2019	95.0610	0.0788	0.8470	0.9258	2.6628	260.8428	18.9959	38.2233	50.4808	1.3476
17/10/2019	95.9227	0.0668	0.7917	0.8585	2.4939	261.4739	21.3561	38.0726	50.3443	1.3494
18/10/2019	96.0871	0.0785	0.7281	0.8066	2.3849	261.1845	19.2155	38.1474	50.4852	1.3494
19/10/2019	94.6884	0.0722	0.7345	0.8067	2.4619	261.7267	17.6238	38.1663	50.5046	1.3494
20/10/2019	94.6506	0.2781	0.7540	1.0321	2.8866	261.6139	17.2945	38.1800	50.3121	1.3494
21/10/2019	94.5858	0.2767	0.8106	1.0873	1.9285	260.4196	18.0354	37.8686	50.0792	1.3494
22/10/2019	95.2386	0.2581	0.8670	1.1251	2.7870	254.8110	16.6358	38.1516	50.2397	1.3494
23/10/2019	93.7721	0.3386	0.8629	1.2015	2.7296	258.8653	16.8005	38.1348	50.2275	1.3494
24/10/2019	92.9654	0.1838	0.8123	0.9960	4.5712	240.3738	12.3272	38.7671	50.6663	1.3494
25/10/2019	93.2343	0.2178	0.8254	1.0433	4.5713	258.7382	17.6512	38.7247	50.6476	1.3511
26/10/2019	91.6584	0.2154	0.7028	0.9182	4.8402	258.8780	17.5414	38.8111	50.7552	1.3511
27/10/2019	92.7434	0.1423	0.9217	1.0640	5.0690	253.9755	16.6633	38.8133	50.6654	1.3494
28/10/2019	93.1364	0.0817	0.8413	0.9231	3.4988	254.0621	15.8674	38.4229	50.5514	1.3494
29/10/2019	95.1097	0.1137	0.8321	0.9458	1.6431	254.1238	15.6753	37.8921	50.2641	1.3494
30/10/2019	96.2245	0.2452	0.6875	0.9328	0.5584	252.8112	15.5381	37.5716	50.0424	1.3494
31/10/2019	96.8695	0.2498	0.7551	1.0049	0.9440	254.5574	14.7697	37.6389	50.0558	1.3511

Mínimo	91.6584	0.0668	0.6875	0.8066	0.5584	240.3738	11.0922	37.5716	50.0424	1.3476
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Observaciones: