

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)
01/07/2019	91.5416	0.2555	0.8500	1.1055	6.4071	257.0709	37.3944	39.7685	51.2586	0.9690		
02/07/2019	92.2441	0.2248	0.9124	1.1372	5.9495	253.0550	44.6119	39.4611	51.0786	0.9690		
03/07/2019	92.3599	0.2548	0.9974	1.2522	5.8625	256.8202	44.6255	39.3116	50.9350	0.9699		
04/07/2019	92.2169	0.2561	0.8949	1.1510	5.9424	258.5989	40.3191	39.4841	51.0776	0.9689		
05/07/2019	94.0718	0.2514	0.8152	1.0666	4.4272	258.4113	35.8282	38.9216	50.7994	0.9687		
06/07/2019	93.7710	0.2831	0.8206	1.1037	4.5680	257.6025	32.7227	39.0285	50.8347	0.9685		
07/07/2019	94.4999	0.2268	0.8026	1.0295	3.9224	258.7447	30.5414	38.8695	50.7918	0.9682		
08/07/2019	94.4129	0.2618	0.7843	1.0461	3.9618	258.3227	39.4622	38.8940	50.7898	0.9682		
09/07/2019	94.1316	0.2356	0.8281	1.0637	4.2953	258.2450	48.2592	38.9307	50.8094	0.9683		
10/07/2019	93.7782	0.2699	0.8572	1.1272	4.5242	260.1829	42.9088	39.0158	50.8196	0.9683		
11/07/2019	94.2430	0.2280	0.7821	1.0101	4.3301	260.7367	38.3605	38.9077	50.8228	0.9684		
12/07/2019	94.7406	0.2164	0.7812	0.9975	3.8446	260.8969	34.6402	38.7756	50.7563	0.9684		
13/07/2019	95.1040	0.2235	0.7888	1.0124	3.4346	261.8350	31.1184	38.6775	50.6914	0.9687		
14/07/2019	96.0942	0.1627	0.7759	0.9386	2.5434	259.9447	27.2574	38.4282	50.5982	0.9689		
15/07/2019	95.2165	0.1517	0.7880	0.9397	3.3665	259.8908	24.0677	38.6888	50.7487	0.9692		
16/07/2019	95.2961	0.1047	0.7956	0.9003	3.4039	258.4520	23.5517	38.6586	50.7616	0.9692		
17/07/2019	95.6044	0.0926	0.8586	0.9512	3.1961	259.4261	25.3663	38.4864	50.6437	0.9692		
18/07/2019	95.6326	0.1016	0.9145	1.0161	3.2390	259.3805	24.3620	38.3912	50.5572	0.9695		
19/07/2019	96.1104	0.0876	0.8968	0.9845	2.8138	259.4354	22.4425	38.2689	50.5060	0.9696		
20/07/2019	95.3338	0.1177	0.9904	1.1080	3.4273	258.7823	20.2903	38.4193	50.5275	0.9695		
21/07/2019	95.5746	0.1425	0.8852	1.0277	3.1621	258.2879	18.9918	38.4458	50.5727	0.9697		
22/07/2019	96.1605	0.0794	0.8530	0.9324	2.7916	257.1433	17.1086	38.2950	50.5474	0.9697		
23/07/2019	95.1948	0.0707	0.8135	0.8842	3.4325	256.5380	15.2724	38.7289	50.8170	0.9697		
24/07/2019	95.9239	0.0731	0.7922	0.8652	2.7594	258.8725	15.0147	38.5284	50.7114	0.9696		
25/07/2019	97.0429	0.0766	0.8124	0.8889	2.0062	258.1607	15.0848	38.0553	50.4316	0.9698		
26/07/2019	96.9367	0.0691	0.8009	0.8701	2.1150	258.9896	15.2706	38.1004	50.4679	0.9697		
27/07/2019	97.2393	0.0525	0.8170	0.8694	1.8387	258.5039	16.8696	38.0093	50.4203	0.9700		
28/07/2019	96.5061	0.0919	0.8988	0.9907	2.4226	256.1089	18.8314	38.1455	50.4318	0.9699		
29/07/2019	95.1939	0.1003	0.9192	1.0195	3.6253	256.7780	17.3570	38.5269	50.6337	0.9692		
30/07/2019	95.2462	0.0998	0.8527	0.9525	3.4311	255.1163	16.7947	38.6211	50.7177	0.9690		
31/07/2019	94.1585	0.1093	0.8984	1.0077	4.1838	258.9902	15.8104	38.9763	50.8906	0.9688		

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

Mínimo	91.5416	0.0525	0.7759	0.8652	1.8387	253.0550	15.0147	38.0093	50.4203	0.9682		
Promedio	94.8922	0.1665	0.8431	1.0096	3.7138	258.5157	28.5919	38.7034	50.7217	0.9691		
Máximo	97.2393	0.2831	0.9974	1.2522	6.4071	261.8350	48.2592	39.7685	51.2586	0.9700		
Desv. Est.	1.503434876	0.079399679	0.060925752	0.099561507	1.22355	1.707765858	10.5608031	0.448668199	0.207802609	0.000600895		

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)
01/07/2019	92.1935	0.2849	1.0650	1.3498	7.1725	259.0399	35.7701	40.0529	51.4704	0.9708
02/07/2019	93.3412	0.2529	1.0021	1.2550	6.4273	258.0527	41.8045	39.6796	51.1938	0.9711
03/07/2019	93.4246	0.3191	1.0416	1.3607	6.2435	257.9008	41.8045	39.4740	51.0224	0.9711
04/07/2019	93.7399	0.3039	0.9278	1.2317	7.1738	260.7203	37.7845	40.6470	51.7257	0.9700
05/07/2019	95.5067	0.3526	0.8948	1.2474	5.0035	259.8769	34.5392	39.1127	50.9003	0.9700
06/07/2019	94.6578	0.3851	0.8883	1.2733	5.4094	260.1705	31.1324	39.4869	51.0951	0.9695
07/07/2019	95.2381	0.2982	0.8610	1.1593	5.0998	260.1518	29.7078	39.1253	50.9130	0.9694
08/07/2019	95.6157	0.5519	0.9073	1.4591	4.7613	260.9881	31.7395	39.5201	50.9530	0.9698
09/07/2019	95.3801	0.2543	0.9818	1.2361	6.0515	261.3000	44.5080	39.3183	50.9569	0.9697
10/07/2019	95.2586	0.3935	1.1181	1.5115	5.9216	262.8569	40.9969	39.4124	50.9380	0.9698
11/07/2019	95.4561	0.2638	0.8025	1.0663	4.9397	262.9764	36.5169	39.1199	50.9555	0.9702
12/07/2019	95.8217	0.2678	0.8080	1.0759	4.5015	262.2323	33.0754	38.9963	50.8549	0.9708
13/07/2019	97.2278	0.2923	0.8287	1.1210	4.5965	263.1470	28.8865	38.9939	50.8504	0.9716
14/07/2019	97.5123	0.2760	0.8089	1.0849	4.0561	263.3506	25.0111	39.3276	51.0702	0.9716
15/07/2019	96.1724	0.2460	0.8170	1.0630	4.4267	262.1370	22.6361	39.3433	51.0618	0.9717
16/07/2019	96.3076	0.2273	0.8427	1.0701	4.2406	261.5643	22.4374	39.0072	50.9500	0.9721
17/07/2019	96.2614	0.1199	0.9132	1.0331	3.7102	260.8610	23.9142	38.7666	50.8550	0.9706
18/07/2019	96.2849	0.1273	1.0406	1.1678	3.6784	260.5525	23.2308	38.5453	50.6212	0.9716
19/07/2019	96.4516	0.1104	0.9525	1.0629	3.1353	261.0642	21.0724	38.3718	50.5445	0.9719
20/07/2019	96.5302	0.1817	1.0731	1.2549	3.8998	260.9053	19.2126	38.5957	50.6264	0.9723
21/07/2019	96.7162	0.2061	0.9727	1.1788	3.9585	259.8997	17.6501	38.7281	50.6916	0.9726
22/07/2019	96.6560	0.1173	0.9883	1.1056	3.2913	258.8817	15.9685	38.4739	50.6785	0.9729
23/07/2019	97.6392	0.1221	0.8709	0.9931	4.9812	260.9509	14.5693	39.7804	51.3856	0.9715
24/07/2019	97.9694	0.1233	0.8109	0.9343	3.6235	260.2007	14.1981	39.0900	51.0209	0.9714
25/07/2019	97.8234	0.0949	0.8737	0.9686	2.7212	260.5326	14.0609	38.2761	50.5541	0.9723
26/07/2019	97.8377	0.0919	0.8481	0.9401	2.9035	260.6450	14.0994	38.4504	50.6680	0.9724
27/07/2019	97.9204	0.0674	0.8613	0.9287	2.7065	260.7427	14.5699	38.2815	50.5511	0.9728
28/07/2019	97.6525	0.1163	0.9616	1.0779	4.2023	260.3866	17.8426	38.6933	50.7058	0.9718
29/07/2019	96.1000	0.1501	0.9809	1.1311	5.1342	258.2442	16.8922	38.9352	50.8168	0.9702
30/07/2019	96.2945	0.1300	0.8944	1.0244	5.0294	259.1060	15.5731	39.2951	51.0886	0.9707
31/07/2019	95.3473	0.1335	0.9408	1.0743	5.0814	260.1532	15.0392	39.3919	51.1094	0.9706

Máximo	97.9694	0.5519	1.1181	1.5115	7.1738	263.3506	44.5080	40.6470	51.7257	0.9729
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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)
01/07/2019	90.8313	0.2278	0.7519	0.9798	5.8122	252.2512	35.1295	39.4521	51.0193	0.9670
02/07/2019	91.5811	0.1779	0.8384	1.0163	5.0337	245.7145	36.7311	39.1630	50.9472	0.9683
03/07/2019	91.8585	0.2214	0.9035	1.1249	5.0348	247.1793	39.0775	39.0545	50.8555	0.9683
04/07/2019	89.7738	0.2262	0.8561	1.0823	4.7504	249.6793	34.4963	38.9869	50.8281	0.9679
05/07/2019	93.4308	0.2015	0.7796	0.9811	3.0315	252.5630	31.9264	38.5319	50.5939	0.9676
06/07/2019	92.5686	0.2404	0.7687	1.0090	3.4704	251.8034	29.4682	38.7954	50.7018	0.9677
07/07/2019	93.5310	0.1766	0.7517	0.9283	3.1859	251.9002	29.2819	38.6833	50.7349	0.9672
08/07/2019	92.6199	0.1369	0.7568	0.8937	3.1033	251.2618	41.1261	38.5769	50.7081	0.9674
09/07/2019	92.2841	0.2009	0.7615	0.9623	3.1672	253.3178	41.3868	38.5959	50.6480	0.9673
10/07/2019	92.1886	0.2099	0.7690	0.9789	3.2378	254.4580	37.0290	38.6666	50.6997	0.9674
11/07/2019	93.5960	0.2006	0.7680	0.9685	3.1094	255.0304	33.2672	38.5818	50.6519	0.9675
12/07/2019	93.9753	0.1856	0.7705	0.9561	2.7613	254.9380	29.9896	38.4800	50.5962	0.9674
13/07/2019	93.9353	0.0966	0.7743	0.8710	1.6999	254.2778	26.3395	38.0572	50.4310	0.9676
14/07/2019	93.7624	0.0406	0.7610	0.8016	1.6270	252.8785	23.0619	37.9566	50.4134	0.9681
15/07/2019	93.4664	0.0699	0.7659	0.8358	2.7415	253.6825	21.9073	38.3715	50.6226	0.9683
16/07/2019	94.2703	0.0702	0.7545	0.8246	2.5232	252.6350	22.6895	38.3461	50.6004	0.9682
17/07/2019	95.0365	0.0496	0.7834	0.8331	2.6358	253.0457	22.4660	38.3637	50.6273	0.9686
18/07/2019	95.0106	0.0808	0.7900	0.8708	2.6994	253.6139	21.3486	38.2506	50.5117	0.9689
19/07/2019	95.7246	0.0569	0.8377	0.8946	2.5364	254.0131	19.1511	38.2095	50.5006	0.9686
20/07/2019	94.7739	0.0644	0.8306	0.8950	2.5445	252.7615	17.8475	38.1874	50.5078	0.9687
21/07/2019	94.5534	0.0615	0.8072	0.8687	2.1990	251.2154	15.7618	38.0924	50.4023	0.9688
22/07/2019	95.6896	0.0581	0.8037	0.8618	2.3739	251.2172	14.4954	38.1581	50.4799	0.9688
23/07/2019	92.6504	0.0237	0.7608	0.7845	1.4703	247.8201	13.5270	37.9214	50.3981	0.9688
24/07/2019	94.5644	0.0536	0.7701	0.8237	1.1308	249.0918	13.7878	37.7846	50.2838	0.9684
25/07/2019	96.2954	0.0668	0.7892	0.8561	1.2756	252.4268	13.5270	37.8292	50.3072	0.9689
26/07/2019	95.9366	0.0531	0.7753	0.8283	1.2578	251.8671	14.1230	37.8162	50.2952	0.9688
27/07/2019	96.2553	0.0362	0.7964	0.8327	1.1838	252.4941	16.6557	37.8014	50.2993	0.9691
28/07/2019	94.5363	0.0632	0.8037	0.8669	1.3815	249.3334	16.5439	37.8100	50.2470	0.9689
29/07/2019	93.5876	0.0741	0.8632	0.9374	2.8444	249.4130	15.8735	38.2774	50.5132	0.9683
30/07/2019	93.3041	0.0735	0.7957	0.8692	2.7001	248.7696	14.3837	38.2499	50.5250	0.9681
31/07/2019	92.9453	0.0721	0.8486	0.9207	3.1988	250.6496	14.2347	38.5897	50.6884	0.9680
Mínimo	89.7738	0.0237	0.7517	0.7845	1.1308	245.7145	13.5270	37.7846	50.2470	0.9670

Observaciones:

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