

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)
01/09/2019	96.5998	0.2575	0.7695	1.0270	2.2563	266.1602	18.3788	38.1070	50.3573	0.9690	1.0000	0.0050
02/09/2019	96.0649	0.2516	0.7567	1.0082	2.8897	266.1114	19.4351	38.2481	50.4483	0.9690		
03/09/2019	97.0730	0.2388	0.7591	0.9979	1.8989	266.1305	21.4029	37.9647	50.2944	0.9690		
04/09/2019	96.9054	0.2556	0.7582	1.0138	2.0518	265.6945	20.8862	38.0020	50.3042	0.9688		
05/09/2019	97.1520	0.2640	0.7549	1.0190	1.8035	263.7789	19.8464	37.9272	50.2570	0.9692		
06/09/2019	97.1053	0.2498	0.7709	1.0207	1.8485	264.1312	19.1263	37.9392	50.2667	0.9688		
07/09/2019	97.1984	0.3766	0.7732	1.1499	1.6297	261.1471	20.6425	37.8256	50.1102	0.9688		
08/09/2019	96.5803	0.1674	0.7670	0.9343	2.4363	257.6378	21.1329	38.1536	50.4493	0.9687		
09/09/2019	96.9888	0.2111	0.7684	0.9796	2.0026	256.5430	21.1112	38.0009	50.3305	0.9689		
10/09/2019	97.0910	0.2345	0.7571	0.9916	1.8893	260.0080	20.9079	37.9633	50.2976	0.9685		
11/09/2019	97.3033	0.2274	0.7607	0.9881	1.6827	263.5514	19.7548	37.9047	50.2674	0.9685		
12/09/2019	97.3411	0.1001	0.7542	0.8543	1.7760	263.4184	21.3502	37.9828	50.4060	0.9680		
13/09/2019	97.1647	0.1166	0.7714	0.8879	1.9079	262.3564	23.0433	38.0143	50.4041	0.9682		
14/09/2019	97.2889	0.1098	0.7693	0.8790	1.7589	262.1317	23.2000	37.9945	50.3986	0.9686		
15/09/2019	96.8302	0.1898	0.7931	0.9829	2.1403	262.5196	23.4251	38.0488	50.3614	0.9684		
16/09/2019	97.0291	0.1954	0.7949	0.9903	1.9488	262.3348	23.1007	37.9827	50.3189	0.9682		
17/09/2019	97.3554	0.1840	0.7356	0.9196	1.6952	262.6698	25.2967	37.9360	50.3280	0.9683		
18/09/2019	98.2761	0.1230	0.7127	0.8357	0.8615	262.6717	28.4672	37.7280	50.2637	0.9683		
19/09/2019	98.4268	0.1170	0.7213	0.8383	0.7083	263.1324	28.6426	37.6831	50.2384	0.9682		
20/09/2019	97.2979	0.2245	0.7138	0.9383	1.6714	262.1726	30.2115	37.9596	50.3226	0.9681		
21/09/2019	97.8359	0.0840	0.6960	0.7800	1.3507	261.9836	31.4500	37.8927	50.3936	0.9680		
22/09/2019	98.1642	0.0990	0.7202	0.8192	0.9779	261.8086	36.4114	37.7747	50.3040	0.9683		
23/09/2019	98.4435	0.1295	0.7118	0.8413	0.6873	262.2842	33.7018	37.6776	50.2307	0.9687		
24/09/2019	98.2554	0.1466	0.7377	0.8843	0.8247	261.9803	34.5631	37.7049	50.2219	0.9684		
25/09/2019	98.3609	0.1755	0.7420	0.9175	0.6963	262.1272	37.2913	37.6494	50.1673	0.9686		
26/09/2019	98.5423	0.1478	0.7056	0.8534	0.5791	261.6107	36.7031	37.6404	50.1992	0.9683		
27/09/2019	98.5756	0.1215	0.6982	0.8197	0.5791	262.0450	33.3386	37.6534	50.2290	0.9686		
28/09/2019	98.0761	0.1236	0.6954	0.8191	0.9519	260.5393	37.7708	37.8380	50.3337	0.9685		
29/09/2019	97.0300	0.1187	0.7402	0.8589	2.0904	264.7230	41.2679	38.0661	50.4468	0.9688		
30/09/2019	96.1499	0.1549	0.8803	1.0352	2.7817	268.3912	41.7236	38.2040	50.4341	0.9691		

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

Mínimo	96.0649	0.0840	0.6954	0.7800	0.5791	256.5430	18.3788	37.6404	50.1102	0.9680		
Promedio	97.4169	0.1799	0.7496	0.9295	1.6126	262.7265	27.1195	37.9156	50.3128	0.9686		
Máximo	98.5756	0.3766	0.8803	1.1499	2.8897	268.3912	41.7236	38.2481	50.4493	0.9692		
Desv. Est.	0.710268776	0.067876711	0.037604182	0.088400915	0.64858891	2.407873109	7.444717433	0.167650162	0.086929948	0.000338977		

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 Sulhídrico (mg/m ³)
01/09/2019	97.5615	0.3430	0.8049	1.1479	3.1016	266.9958	19.5236	38.5329	50.6112	0.9718
02/09/2019	97.9156	0.3362	0.7669	1.1032	3.9423	266.9711	21.5721	38.5834	50.6547	0.9705
03/09/2019	98.0040	0.2713	0.7696	1.0409	2.4443	266.9954	22.7640	38.1342	50.4091	0.9718
04/09/2019	97.4138	0.2946	0.7988	1.0934	2.5226	264.7764	22.0935	38.1310	50.3638	0.9705
05/09/2019	97.4795	0.3089	0.7754	1.0843	2.3327	264.0740	21.3114	38.0745	50.3302	0.9718
06/09/2019	97.4139	0.7148	0.8355	1.5504	2.1862	265.1148	20.4920	38.0913	50.2701	0.9705
07/09/2019	97.9123	0.6230	0.8327	1.4557	2.7515	264.4713	23.0247	38.2219	50.4810	0.9705
08/09/2019	97.1666	0.3032	0.8396	1.1428	3.9992	258.2699	22.5032	38.7636	50.8148	0.9705
09/09/2019	97.5406	0.2755	0.7969	1.0723	2.4212	257.2229	21.9446	38.1441	50.4119	0.9718
10/09/2019	97.6118	0.2873	0.7698	1.0570	2.1979	261.5134	22.5405	38.0676	50.3863	0.9705
11/09/2019	98.5117	0.3147	0.7771	1.0917	3.0134	264.2764	20.9017	38.3094	50.5214	0.9705
12/09/2019	98.4755	0.1857	0.8636	1.0493	2.7602	263.3583	23.2482	38.2604	50.5525	0.9705
13/09/2019	98.0484	0.1609	0.8436	1.0045	2.7819	262.8769	24.1420	38.2650	50.5540	0.9705
14/09/2019	98.2718	0.2148	0.9392	1.1541	3.3839	262.2243	24.7380	38.7331	50.6646	0.9705
15/09/2019	97.4767	0.2779	0.8998	1.1777	3.2635	262.7979	25.7809	38.3904	50.5902	0.9705
16/09/2019	97.3682	0.2597	0.8843	1.1441	2.4583	263.3621	24.2538	38.1284	50.3799	0.9705
17/09/2019	97.7012	0.3659	0.7891	1.1550	1.8604	263.3475	26.6375	38.0043	50.3204	0.9705
18/09/2019	98.5591	0.2960	0.7209	1.0169	1.4429	263.6823	30.8463	37.9158	50.4108	0.9705
19/09/2019	98.5374	0.2729	0.7806	1.0535	0.9303	263.5678	29.9151	37.7550	50.2856	0.9693
20/09/2019	98.3874	0.3012	0.7208	1.0220	3.2217	262.9122	31.8519	38.4696	50.6070	0.9705
21/09/2019	98.4629	0.2418	0.7292	0.9709	2.1059	262.8545	33.3417	38.1407	50.4967	0.9705
22/09/2019	98.5925	0.1908	0.7474	0.9382	3.0436	262.7439	39.3010	38.4439	50.6393	0.9705
23/09/2019	98.5845	0.2368	0.7402	0.9770	1.2820	263.2680	35.9862	37.8345	50.2894	0.9705
24/09/2019	98.5028	0.2022	1.0942	1.2964	2.1591	263.5452	37.1780	38.1046	50.3015	0.9705
25/09/2019	98.5186	0.3146	0.8473	1.1620	1.0834	262.4936	38.8541	37.8161	50.3423	0.9705
26/09/2019	98.6458	0.2606	0.7713	1.0319	0.6320	262.5919	39.0775	37.6957	50.2270	0.9705
27/09/2019	98.6354	0.2132	0.7448	0.9580	0.6519	262.5034	34.6453	37.6749	50.2095	0.9705
28/09/2019	98.6288	0.1839	0.7433	0.9272	4.6918	260.0156	40.6046	39.8018	51.4248	0.9693
29/09/2019	98.4908	0.1831	0.7511	0.9341	2.8569	262.7258	42.6904	38.2754	50.5486	0.9705
30/09/2019	96.4202	0.2266	0.9633	1.1899	3.1878	270.2579	43.6960	38.3197	50.4785	0.9718

Máximo	98.6458	0.7148	1.0942	1.5504	4.6918	270.2579	43.6960	39.8018	51.4248	0.9718
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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)
01/09/2019	95.6843	0.1695	0.7455	0.9150	1.2369	265.4969	16.9909	37.7660	50.1199	0.9668
02/09/2019	94.9949	0.2105	0.7456	0.9561	1.0247	265.5037	17.2516	37.7013	50.1209	0.9668
03/09/2019	96.5530	0.2192	0.7444	0.9635	0.9318	265.5351	20.6037	37.6679	50.0963	0.9668
04/09/2019	96.4214	0.2174	0.7392	0.9566	1.5469	265.8377	20.0450	37.8549	50.2196	0.9681
05/09/2019	96.6124	0.2194	0.7387	0.9580	1.4973	263.6161	18.7414	37.8456	50.2232	0.9668
06/09/2019	96.6635	0.0525	0.7410	0.7935	1.3981	263.4646	17.9965	37.6762	50.0252	0.9681
07/09/2019	96.2806	0.0403	0.7481	0.7884	0.8560	257.6515	19.6726	37.5767	49.9358	0.9681
08/09/2019	94.7916	0.0530	0.7390	0.7920	1.8898	257.3802	20.0078	37.9743	50.3733	0.9668
09/09/2019	96.5441	0.1581	0.7410	0.8991	1.4305	255.8049	20.4547	37.8200	50.2105	0.9681
10/09/2019	96.8215	0.1944	0.7486	0.9430	1.3384	257.2714	19.4863	37.7932	50.1812	0.9668
11/09/2019	95.9786	0.0507	0.7528	0.8035	0.6509	263.2940	18.9277	37.6430	50.2184	0.9668
12/09/2019	96.3459	0.0254	0.7372	0.7626	0.7255	263.4049	19.7843	37.7074	50.3039	0.9668
13/09/2019	96.3149	0.0775	0.7415	0.8190	1.0852	262.2241	22.3543	37.7904	50.3070	0.9668
14/09/2019	94.7463	0.0522	0.7277	0.7799	0.8925	262.1885	22.3170	37.7431	50.2969	0.9681
15/09/2019	95.7441	0.0766	0.7435	0.8202	1.5320	262.4670	22.8012	37.8691	50.2622	0.9668
16/09/2019	96.4888	0.0910	0.7340	0.8250	1.5907	261.5413	22.0190	37.8734	50.2416	0.9668
17/09/2019	97.0270	0.0733	0.7202	0.7935	1.4761	262.1750	24.0303	37.8425	50.3023	0.9668
18/09/2019	97.7449	0.0531	0.7051	0.7582	0.6251	262.0865	25.7064	37.6484	50.2272	0.9668
19/09/2019	98.2176	0.0049	0.7056	0.7105	0.6000	262.7782	26.8982	37.6050	50.1743	0.9668
20/09/2019	95.6189	0.1846	0.7024	0.8869	0.6431	261.8133	29.0957	37.6079	50.1092	0.9668
21/09/2019	96.9632	0.0216	0.5581	0.5797	0.7379	261.3030	30.2503	37.7137	50.3003	0.9668
22/09/2019	95.8682	0.0367	0.6986	0.7353	0.5966	260.8002	33.7514	37.6597	50.2582	0.9668
23/09/2019	97.7837	0.0658	0.6777	0.7434	0.5569	261.6778	32.6713	37.6268	50.2016	0.9681
24/09/2019	96.3802	0.1126	0.6956	0.8082	0.6071	261.1028	32.9320	37.6404	50.1906	0.9668
25/09/2019	98.0551	0.0223	0.6955	0.7179	0.5922	261.6901	36.0234	37.5942	50.1688	0.9681
26/09/2019	98.3734	0.0505	0.6788	0.7293	0.5477	260.9144	33.4907	37.5933	50.1769	0.9668
27/09/2019	98.4399	0.0850	0.6825	0.7675	0.5495	261.6128	32.5596	37.6106	50.1903	0.9668
28/09/2019	92.8696	0.0530	0.6696	0.7226	0.5514	261.7052	33.7514	37.6336	50.2172	0.9668
29/09/2019	96.2394	0.0553	0.7234	0.7787	0.6993	266.0863	40.0087	37.6957	50.2838	0.9668
30/09/2019	95.6942	0.1285	0.8013	0.9298	2.4389	267.0927	40.5301	38.0696	50.3186	0.9681

Mínimo	92.8696	0.0049	0.5581	0.5797	0.5477	255.8049	16.9909	37.5767	49.9358	0.9668
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Observaciones: