

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 Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
01/12/2017	93.7819	0.2383	1.2087	1.4470	4.5613	259.8514	19.9695	38.6622	50.4853	0.9496	0.2790	0.0050
02/12/2017	94.2145	0.2079	1.0753	1.2832	4.3399	259.6489	17.2183	38.6301	50.5494	0.9496		
03/12/2017	93.2649	0.2079	1.1430	1.3509	5.1303	259.7764	15.3060	38.8847	50.6631	0.9495		
04/12/2017	93.6412	0.1794	1.1050	1.2844	4.8585	259.5674	13.8879	38.8085	50.6571	0.9495		
05/12/2017	93.9263	0.1816	1.0065	1.1880	4.6836	259.5565	12.7910	38.7864	50.6882	0.9495		
06/12/2017	93.6557	0.1643	1.3587	1.5230	4.5760	258.7219	11.7256	38.6593	50.4665	0.9498		
07/12/2017	92.1462	0.1940	1.3565	1.5504	5.9591	257.0528	10.7605	39.0979	50.6969	0.9503		
08/12/2017	93.5770	0.1792	0.9638	1.1430	5.0125	256.0661	10.4441	38.9350	50.7934	0.9505		
09/12/2017	93.9672	0.1771	0.9909	1.1680	4.6196	257.6495	10.0357	38.8007	50.7064	0.9503		
10/12/2017	90.6391	0.1733	1.2022	1.3755	5.8658	257.6842	9.1723	40.2315	51.4138	0.9502		
11/12/2017	93.3608	0.1807	1.1695	1.3502	4.6202	258.3938	9.2009	38.9892	50.7276	0.9500		
12/12/2017	93.6034	0.1578	1.2406	1.3984	4.8181	259.2065	8.8991	38.7337	50.5676	0.9501		
13/12/2017	93.9075	0.1533	1.2533	1.4065	4.4907	259.7431	8.7763	38.6464	50.5151	0.9500		
14/12/2017	94.0354	0.1370	1.3120	1.4489	4.2791	259.8470	8.3996	38.5977	50.4715	0.9496		
15/12/2017	93.9394	0.1451	1.3477	1.4929	4.3538	260.2462	8.0191	38.5857	50.4428	0.9499		
16/12/2017	92.6814	0.1637	1.6230	1.7868	5.2115	261.0660	7.7110	38.7830	50.4177	0.9498		
17/12/2017	93.3598	0.2137	1.3738	1.5875	4.8513	261.5924	7.6681	38.6846	50.4400	0.9497		
18/12/2017	92.8928	0.2630	1.4598	1.7228	5.1365	261.9060	7.4524	38.7449	50.4017	0.9496		
19/12/2017	93.0511	0.3428	1.3651	1.7079	5.0117	262.1665	7.3284	38.7030	50.3654	0.9498		
20/12/2017	93.5558	0.3079	1.2179	1.5258	4.7096	262.8283	7.3148	38.6740	50.4397	0.9499		
21/12/2017	93.9073	0.2449	1.1791	1.4240	4.4602	263.8882	7.2279	38.6407	50.4818	0.9497		
22/12/2017	93.8340	0.2289	1.1248	1.3537	4.5869	262.6909	6.8958	38.7164	50.5610	0.9501		
23/12/2017	93.7438	0.2895	1.0684	1.3579	4.6467	263.2777	6.7871	38.7448	50.5608	0.9503		
24/12/2017	93.7200	0.3856	1.0959	1.4815	4.3242	263.8656	6.7964	38.7422	50.4793	0.9500		
25/12/2017	92.5734	0.2502	1.4664	1.7166	5.1075	264.3730	6.4100	38.9507	50.5238	0.9501		
26/12/2017	92.8136	0.2691	1.4860	1.7551	5.0004	264.7159	6.2750	38.7993	50.4160	0.9496		
27/12/2017	93.4549	0.2460	1.3628	1.6088	4.5381	264.8691	6.2284	38.7024	50.4323	0.9498		
28/12/2017	92.9925	0.2435	1.2628	1.5063	4.9588	264.2707	5.9243	38.9448	50.6173	0.9496		
29/12/2017	92.4929	0.2234	1.3801	1.6034	5.2611	264.1934	5.6077	39.0528	50.6392	0.9497		
30/12/2017	92.7851	0.1974	1.3011	1.4986	5.1429	265.8626	5.6667	39.0146	50.6715	0.9501		
31/12/2017	93.3086	0.2484	1.1855	1.4339	4.7238	266.3932	5.7675	38.9001	50.6234	0.9499		

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

Mínimo	90.6391	0.1370	0.9638	1.1430	4.2791	256.0661	5.6077	38.5857	50.3654	0.9495		
Promedio	93.3170	0.2192	1.2479	1.4671	4.8335	261.3217	9.0860	38.8338	50.5779	0.9499		
Máximo	94.2145	0.3856	1.6230	1.7868	5.9591	266.3932	19.9695	40.2315	51.4138	0.9505		
Desv. Est.	0.719961243	0.058386787	0.157859969	0.168608554	0.403292117	2.772794053	3.530526448	0.294412881	0.191951774	0.000269115		

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)
01/12/2017	95.3167	0.3066	1.6488	1.9553	5.4037	261.7752	21.3685	38.9915	50.6917	0.9501
02/12/2017	95.2572	0.2565	1.2265	1.4830	5.1621	260.8512	18.2442	38.9224	50.6481	0.9498
03/12/2017	94.4328	0.2717	1.3246	1.5962	6.4430	261.1506	16.1671	39.2701	50.8841	0.9498
04/12/2017	94.0618	0.1885	1.2124	1.4009	5.4222	261.1056	14.6289	38.9431	50.6783	0.9498
05/12/2017	94.3063	0.1975	1.0559	1.2534	4.9233	260.5797	13.4439	38.8482	50.7084	0.9500
06/12/2017	95.4402	0.1767	1.6945	1.8712	5.2192	260.4113	12.3259	38.7920	50.4156	0.9509
07/12/2017	92.6102	0.2103	1.7541	1.9644	6.9034	258.8026	11.1663	39.4663	50.9811	0.9515
08/12/2017	94.3160	0.2024	1.0920	1.2943	5.9007	257.0432	10.5803	39.1677	50.8599	0.9513
09/12/2017	94.9155	0.2080	1.2458	1.4538	5.6284	258.8624	10.3928	39.0279	50.7073	0.9517
10/12/2017	93.9673	0.2185	1.5247	1.7432	7.2408	261.0996	9.7907	41.0208	51.7676	0.9510
11/12/2017	94.5938	0.2241	1.3817	1.6057	5.5078	259.9834	9.4679	39.7566	51.2618	0.9503
12/12/2017	94.0913	0.1739	1.4710	1.6449	5.2791	260.2101	9.0694	38.7940	50.4873	0.9504
13/12/2017	94.3002	0.1642	1.3739	1.5381	4.6470	260.5234	8.9682	38.6986	50.5252	0.9508
14/12/2017	94.2217	0.1480	1.4280	1.5760	4.4161	260.8969	8.6857	38.6708	50.5204	0.9502
15/12/2017	94.7429	0.1661	1.6711	1.8373	5.3062	261.2536	8.1928	38.8221	50.7519	0.9502
16/12/2017	95.6109	0.1917	1.8278	2.0195	6.1634	263.0119	7.9253	39.1174	50.8524	0.9501
17/12/2017	95.1550	0.2568	1.7972	2.0539	5.7742	263.3181	7.9930	38.9041	50.7262	0.9505
18/12/2017	94.2337	0.3530	1.7586	2.1116	6.1941	263.3387	7.7838	39.0968	50.8594	0.9502
19/12/2017	94.9590	0.4008	1.5383	1.9391	6.3251	264.1947	7.5994	39.0413	50.8057	0.9505
20/12/2017	94.5231	0.3609	1.3217	1.6826	5.9776	264.9493	7.7167	39.0845	50.9751	0.9509
21/12/2017	96.4685	0.2844	1.5032	1.7876	5.2686	264.6102	7.6422	38.9114	50.8355	0.9509
22/12/2017	94.2294	0.2693	1.2396	1.5089	5.1732	264.2227	7.2325	38.9037	50.8057	0.9521
23/12/2017	94.5918	0.4636	1.1768	1.6404	5.4901	264.5988	7.1208	39.0930	51.0152	0.9509
24/12/2017	94.3441	0.4407	1.2709	1.7117	5.2790	265.3898	7.0835	39.5970	51.5931	0.9521
25/12/2017	93.7720	0.3774	1.7734	2.1509	6.0505	266.0144	6.8228	39.9188	51.7795	0.9509
26/12/2017	93.6605	0.3373	1.6607	1.9979	5.3390	266.0165	6.8228	38.8713	50.5096	0.9509
27/12/2017	93.9261	0.3071	1.4642	1.7714	4.8215	266.1265	6.6738	38.7831	50.5375	0.9509
28/12/2017	93.8886	0.2956	1.3952	1.6908	5.8818	265.8140	6.3014	39.2586	51.0251	0.9496
29/12/2017	93.8005	0.2601	1.6561	1.9163	6.3271	265.8203	6.0034	39.4537	51.1591	0.9509
30/12/2017	96.0707	0.2280	1.7389	1.9669	6.1174	267.9232	6.1897	39.2582	50.9879	0.9509
31/12/2017	94.4270	0.3156	1.4166	1.7322	5.4163	268.0402	6.2269	39.1174	50.9061	0.9509
Máximo	96.4685	0.4636	1.8278	2.1509	7.2408	268.0402	21.3685	41.0208	51.7795	0.9521

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)
01/12/2017	91.9545	0.1696	0.9523	1.1220	4.1685	257.9559	18.3112	38.5621	50.5169	0.9494
02/12/2017	93.1459	0.1605	0.9343	1.0948	3.5221	258.2386	16.2509	38.4328	50.5258	0.9493
03/12/2017	91.9545	0.1696	0.9523	1.1220	4.1685	258.2794	14.5643	38.5621	50.5169	0.9494
04/12/2017	92.9306	0.1634	0.9823	1.1457	4.5002	258.5316	13.1285	38.7106	50.6225	0.9492
05/12/2017	93.6492	0.1667	0.9386	1.1053	4.3658	258.6610	12.1787	38.7137	50.6690	0.9493
06/12/2017	92.6125	0.1489	0.9065	1.0554	3.3529	256.8358	11.1464	38.4095	50.5308	0.9488
07/12/2017	91.3139	0.1598	1.0755	1.2353	5.2714	254.5795	10.3953	38.7907	50.4125	0.9494
08/12/2017	92.4966	0.1569	0.8967	1.0536	4.3909	255.0278	10.2705	38.7584	50.7295	0.9490
09/12/2017	92.6152	0.1604	0.8995	1.0599	3.8339	256.8034	9.6020	38.5739	50.6243	0.9493
10/12/2017	88.3324	0.1096	0.8684	0.9779	4.2439	255.7115	8.8055	38.8268	50.7146	0.9497
11/12/2017	92.1196	0.1373	0.9949	1.1322	3.8162	256.7164	8.9837	38.5550	50.5117	0.9497
12/12/2017	92.8690	0.1435	1.1468	1.2902	4.4471	258.6426	8.7565	38.6509	50.5654	0.9497
13/12/2017	93.6322	0.1402	1.1343	1.2745	4.2384	259.2971	8.5386	38.5908	50.5336	0.9496
14/12/2017	93.8664	0.1291	1.2276	1.3566	4.1284	258.3254	8.1438	38.5314	50.4197	0.9481
15/12/2017	92.6570	0.1268	1.0887	1.2155	3.6722	259.4395	7.7217	38.4012	50.2017	0.9497
16/12/2017	91.7133	0.1170	1.1085	1.2255	3.0556	260.4419	7.3883	38.2504	49.7252	0.9496
17/12/2017	91.9244	0.1500	0.9713	1.1213	3.5921	260.9310	7.3865	38.4515	50.1361	0.9483
18/12/2017	91.6438	0.2125	1.2854	1.4979	4.0846	260.7149	7.1487	38.4913	50.0717	0.9485
19/12/2017	91.5277	0.2020	1.1431	1.3451	3.5641	260.8714	7.0295	38.3634	49.9234	0.9488
20/12/2017	92.2266	0.2439	1.1159	1.3598	3.6397	261.8221	6.9718	38.3839	50.0614	0.9484
21/12/2017	93.0123	0.1744	0.9335	1.1079	2.1141	262.4299	7.0091	37.9711	49.6070	0.9484
22/12/2017	93.2035	0.2073	1.0535	1.2608	4.1999	262.0276	6.6366	38.5921	50.3987	0.9484
23/12/2017	92.7263	0.2286	0.9494	1.1780	3.8823	262.5069	6.5621	38.4836	50.2199	0.9496
24/12/2017	91.8328	0.3363	1.0260	1.3623	3.8703	261.8425	6.2269	38.5566	50.2375	0.9472
25/12/2017	90.4996	0.1965	1.0760	1.2725	4.3850	262.4324	6.1152	38.6862	50.1807	0.9484
26/12/2017	92.3184	0.2331	1.2472	1.4803	4.4372	264.2909	6.0407	38.7219	50.3154	0.9472
27/12/2017	93.0985	0.2054	1.2267	1.4321	4.2167	264.3848	5.8544	38.5958	50.2934	0.9484
28/12/2017	91.8182	0.1887	1.0369	1.2255	4.4031	263.3850	5.6310	38.7673	50.3865	0.9484
29/12/2017	91.2459	0.1630	0.9912	1.1542	4.4684	262.9853	5.2585	38.7422	50.2364	0.9472
30/12/2017	91.3312	0.1400	0.8559	0.9959	2.6531	265.3243	5.2958	38.3238	49.7743	0.9496
31/12/2017	92.3604	0.2082	1.0605	1.2687	3.8577	265.3559	5.4820	38.6191	50.2577	0.9496

Mínimo										
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Observaciones: