

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 Rocio (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)
01/12/2016	89.3146	0.1910	2.4568	2.6478	7.6124	243.6919	13.4537	39.2022	50.2694	0.0171		
02/12/2016	89.8566	0.2052	2.4627	2.6678	7.1576	243.8412	13.3956	39.0026	50.1425	0.0134		
03/12/2016	89.7555	0.2183	2.4834	2.7016	7.2144	242.5909	13.3637	39.0176	50.1375	0.0114		
04/12/2016	89.8080	0.2829	2.3759	2.6588	7.2404	241.8485	13.3199	39.0137	50.1337	0.0105		
05/12/2016	89.5983	0.2358	2.3738	2.6097	7.4584	242.9413	13.4297	39.1202	50.2288	0.0212		
06/12/2016	89.6981	0.2668	2.3630	2.6298	7.3220	243.1001	2.1000	39.0842	50.1921	0.0878		
07/12/2016	90.3763	0.3823	2.1343	2.5166	6.7505	242.7906	4.4245	38.9686	50.1484	0.0889		
08/12/2016	89.8057	0.2742	2.3833	2.6576	7.1842	241.9579	9.2669	39.0387	50.1539	0.6114		
09/12/2016	89.6593	0.2518	2.3554	2.6071	7.3758	242.0557	8.1012	39.1134	50.2234	0.0752		
10/12/2016	90.0903	0.2510	2.3766	2.6276	6.9130	242.4266	7.8647	38.9809	50.1371	0.0951		
11/12/2016	90.1324	0.1698	2.5529	2.7227	6.7902	242.1206	56.0784	38.9001	50.0664	0.0312		
12/12/2016	89.7538	0.1490	2.5761	2.7251	7.1964	241.6646	21.4291	38.9966	50.1276	0.0168		
13/12/2016	89.9410	0.1837	2.5167	2.7005	7.0195	241.1972	11.5927	38.9633	50.1099	0.0204		
14/12/2016	90.1701	0.3076	2.2975	2.6050	6.9147	240.7566	11.4583	38.9512	50.1153	0.0225		
15/12/2016	90.0138	0.3286	2.3493	2.6778	6.9956	240.7928	11.3513	38.9501	50.0792	0.0222		
16/12/2016	90.0767	0.2432	2.4619	2.7051	6.8780	240.4670	11.3606	38.9155	50.0623	0.0057		
17/12/2016	89.6502	0.3559	2.5246	2.8805	7.1422	239.7761	11.7610	38.9228	49.9682	0.0172		
18/12/2016	90.1811	0.2799	2.3334	2.6132	6.7638	238.7895	11.6570	38.9838	50.1374	0.0177		
19/12/2016	90.3602	0.2018	2.3750	2.5768	6.5163	239.3436	11.1927	38.9856	50.1722	0.0063		
20/12/2016	90.4965	0.2879	2.1711	2.4591	6.5861	239.5316	10.9397	38.9997	50.2125	0.0093		
21/12/2016	90.2588	0.3006	2.2811	2.5816	6.7557	239.3501	11.2038	38.9784	50.1476	0.0219		
22/12/2016	89.8019	0.3070	2.1029	2.4099	7.2565	238.8396	10.8624	39.2616	50.3821	0.0251		
23/12/2016	91.2429	0.3469	1.9717	2.3186	6.0589	238.0833	10.9773	38.8658	50.1849	0.0168		
24/12/2016	91.1280	0.3403	2.2279	2.5682	5.9083	237.9485	10.5722	38.7365	49.9991	0.0205		
25/12/2016	90.1538	0.2209	2.3569	2.5777	6.9210	236.5070	10.3162	38.9994	50.1833	0.0223		
26/12/2016	89.5032	0.2671	2.3762	2.6433	7.5159	236.6626	10.2386	39.1248	50.2073	0.0126		
27/12/2016	90.0158	0.2723	2.3035	2.5758	7.0859	238.3947	10.4776	39.0223	50.1790	0.0184		
28/12/2016	90.2011	0.2081	2.4417	2.6498	6.8114	238.3375	11.0906	38.9263	50.1058	0.0054		
29/12/2016	90.8727	0.2492	2.3794	2.6286	6.1956	237.3736	12.6487	38.7383	49.9967	0.0239		
30/12/2016	90.2086	0.1645	2.6171	2.7816	6.6709	236.9335	13.4044	38.8248	49.9924	0.0070		
31/12/2016	89.8469	0.1328	2.5625	2.6953	7.0308	236.4876	13.3765	39.0243	50.1609	0.0214		

*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

Mínimo	89.3146	0.1328	1.9717	2.3186	5.9083	236.4876	2.1000	38.7365	49.9682	0.0054		
Promedio	90.0636	0.2541	2.3724	2.6265	6.9433	240.2130	12.6680	38.9875	50.1405	0.0450		
Máximo	91.2429	0.3823	2.6171	2.8805	7.6124	243.8412	56.0784	39.2616	50.3821	0.6114		
Desv. Est.	0.43699505	0.063203417	0.144611774	0.105385546	0.400990233	2.282981707	8.649622288	0.112725908	0.085554733	0.107968426		

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)
01/12/2016	89.7021	0.2622	2.5681	2.8303	8.0038	245.2913	14.4371	39.3408	50.3238	0.0647
02/12/2016	91.0199	0.2566	2.6017	2.8582	7.5465	245.2109	13.9076	39.1223	50.2057	0.0416
03/12/2016	91.0201	0.4322	2.6179	3.0501	7.7505	245.2032	13.8579	39.1555	50.1779	0.0729
04/12/2016	91.0813	0.4302	2.5487	2.9790	8.0643	243.8215	13.7338	39.2255	50.2219	0.0454
05/12/2016	90.5555	0.3645	2.5206	2.8851	8.4611	245.1684	13.7902	39.4015	50.3389	0.0488
06/12/2016	90.1835	0.3250	2.5157	2.8407	7.9693	244.9969	4.3819	39.3267	50.3729	0.2038
07/12/2016	90.9830	0.4941	2.5866	3.0807	7.3090	244.6130	9.5554	39.1452	50.2910	0.1720
08/12/2016	90.2212	0.3448	2.5464	2.8911	7.7659	243.6799	20.0885	39.1694	50.1932	1.3108
09/12/2016	90.1663	0.3014	2.5557	2.8571	8.0420	243.4638	16.8809	39.2694	50.2732	0.1646
10/12/2016	90.3720	0.3455	2.5144	2.8599	7.3918	243.8757	17.3868	39.0825	50.1633	0.2005
11/12/2016	90.8535	0.2379	2.6960	2.9339	7.2945	244.1528	62.9715	39.0282	50.1022	0.0753
12/12/2016	90.5302	0.1831	2.6637	2.8468	7.6732	243.3895	22.6788	39.1475	50.2000	0.0651
13/12/2016	90.4560	0.2677	2.6464	2.9141	7.5720	243.1160	12.3277	39.1611	50.2573	0.1109
14/12/2016	91.0324	0.4099	2.6926	3.1025	7.7968	244.1189	12.3929	39.1348	50.1607	0.0944
15/12/2016	91.0463	0.4380	2.7510	3.1890	7.7473	242.8176	12.7076	39.2118	50.2718	0.2241
16/12/2016	90.8749	0.3733	2.5736	2.9469	7.8883	242.9367	11.9627	39.2417	50.1912	0.0642
17/12/2016	90.1433	0.4271	2.6535	3.0806	7.6365	241.7022	12.2979	39.1377	50.1268	0.1441
18/12/2016	90.5299	0.4840	2.5207	3.0047	7.0110	240.1798	12.5959	39.1047	50.2272	0.1441
19/12/2016	90.6403	0.3365	2.5483	2.8848	6.9585	240.6628	12.2607	39.2116	50.3741	0.0482
20/12/2016	91.4933	0.4226	2.6946	3.1172	7.2385	241.5203	12.0000	39.3789	50.5467	0.0568
21/12/2016	90.9092	0.5593	2.6470	3.2063	7.6952	241.4533	11.7765	39.2074	50.2449	0.1232
22/12/2016	91.1491	0.4400	2.5311	2.9711	8.6808	241.5897	11.5530	39.6808	50.5353	0.1515
23/12/2016	92.0618	0.4448	2.5789	3.0237	6.8463	239.9053	11.4785	39.1377	50.3547	0.1552
24/12/2016	91.6497	0.4079	2.5964	3.0043	6.8486	240.1338	11.7020	38.9134	49.9994	0.1785
25/12/2016	91.1963	0.2536	2.4610	2.7146	7.6186	240.0513	10.7336	39.1888	50.2873	0.2499
26/12/2016	90.0434	0.3127	2.4879	2.8006	7.9237	237.9969	10.8826	39.2141	50.2476	0.0851
27/12/2016	91.6537	0.3783	2.4903	2.8685	7.7362	239.9737	11.2551	39.1872	50.2302	0.0937
28/12/2016	91.5365	0.3870	2.7099	3.0968	8.0563	240.3678	12.1117	39.3008	50.2763	0.0556
29/12/2016	91.4724	0.3429	2.5704	2.9133	7.1651	239.4145	13.6388	38.9870	50.1040	0.1982
30/12/2016	91.6369	0.3233	2.8256	3.1488	7.6258	238.5487	14.1975	39.0714	50.1072	0.0593
31/12/2016	90.5989	0.1584	2.6420	2.8004	7.5987	238.5277	14.0112	39.1901	50.2254	0.1023

Máximo	92.0618	0.5593	2.8256	3.2063	8.6808	245.2913	62.9715	39.6808	50.5467	1.3108
---------------	---------	--------	--------	--------	--------	----------	---------	---------	---------	--------

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)
01/12/2016	88.7544	0.1513	2.2589	2.4102	7.3431	242.4478	12.5909	39.0904	50.2104	0.0025
02/12/2016	89.4227	0.1536	2.3484	2.5021	6.1510	242.3251	13.1018	38.7323	50.0346	0.0025
03/12/2016	89.1166	0.1353	2.0399	2.1752	6.2386	238.5191	12.5065	38.8089	50.0794	0.0026
04/12/2016	88.8820	0.1561	2.1180	2.2741	6.0844	239.1051	12.9851	38.7261	50.0506	0.0030
05/12/2016	88.3946	0.1099	2.1441	2.2540	6.5935	240.8979	12.5065	38.8944	50.1086	0.0069
06/12/2016	89.0254	0.1944	2.2395	2.4339	6.9515	241.5922	1.0097	38.9614	50.1320	0.0290
07/12/2016	89.9003	0.2175	1.9626	2.1802	6.2265	240.9196	1.9649	38.8162	50.0595	0.0287
08/12/2016	89.0970	0.2053	2.2346	2.4399	6.8519	240.7407	4.1872	38.9530	50.1333	0.1871
09/12/2016	88.8455	0.1887	2.2193	2.4080	6.9182	240.8946	3.8360	38.9869	50.1616	0.0259
10/12/2016	89.5101	0.2002	2.2564	2.4566	6.6357	241.0375	3.4547	38.8860	50.0789	0.0299
11/12/2016	89.5066	0.1270	2.3303	2.4573	6.2358	240.7634	50.8076	38.7865	50.0458	0.0070
12/12/2016	89.1719	0.1109	2.5237	2.6345	6.4371	239.6898	17.9065	38.8056	50.0404	0.0022
13/12/2016	89.4085	0.1033	2.4102	2.5135	6.5623	239.5056	10.9403	38.8506	50.0704	0.0027
14/12/2016	89.0232	0.1368	2.0270	2.1638	6.0279	238.8569	10.5027	38.6752	49.9533	0.0021
15/12/2016	89.3036	0.1759	2.0177	2.1936	6.1840	239.0786	10.5101	38.5835	49.8027	0.0015
16/12/2016	88.8137	0.1728	2.2858	2.4586	6.2201	237.7559	10.8454	38.7939	50.0765	0.0015
17/12/2016	89.1645	0.2596	2.3893	2.6489	6.6917	238.2144	11.2178	38.7703	49.8986	0.0015
18/12/2016	89.8549	0.1477	2.1155	2.2632	6.5065	237.5306	10.5846	38.8581	50.0574	0.0002
19/12/2016	90.0354	0.1359	2.0897	2.2257	6.3099	238.0264	11.1806	38.8915	50.0994	0.0027
20/12/2016	90.0261	0.1173	1.7646	1.8820	5.8291	237.5297	10.2122	38.6103	49.9259	0.0015
21/12/2016	89.1460	0.1078	1.7524	1.8602	6.3192	237.9105	10.8081	38.7788	50.0458	0.0015
22/12/2016	87.9152	0.1353	1.8067	1.9419	6.3903	236.1158	10.1004	38.9294	50.2526	0.0015
23/12/2016	90.2344	0.1671	1.6298	1.7970	5.4739	236.5957	10.5474	38.6476	50.0624	0.0015
24/12/2016	89.8723	0.2281	2.0275	2.2556	5.5445	236.0666	9.9515	38.6466	49.9825	0.0015
25/12/2016	89.5137	0.1836	2.2226	2.4062	5.8373	233.6576	9.6907	38.6480	49.9501	0.0015
26/12/2016	89.0622	0.2372	2.2773	2.5145	7.1228	235.4511	9.0576	39.0297	50.2016	0.0002
27/12/2016	89.1908	0.2353	1.8675	2.1028	5.8224	236.5521	9.2065	38.7626	50.1503	0.0015
28/12/2016	88.7423	0.1001	1.8712	1.9714	5.8938	236.1252	10.2122	38.6970	50.0309	0.0015
29/12/2016	89.8288	0.1952	2.1469	2.3420	5.4856	235.9935	11.8137	38.4711	49.7899	0.0027
30/12/2016	89.2017	0.0931	2.1109	2.2040	5.6730	234.9654	12.7821	38.5964	49.9543	0.0002
31/12/2016	89.1517	0.1043	2.4273	2.5316	6.4766	234.8061	12.5959	38.8779	50.1323	0.0015

Mínimo	87.9152	0.0931	1.6298	1.7970	5.4739	233.6576	1.0097	38.4711	49.7899	0.0002
---------------	---------	--------	--------	--------	--------	----------	--------	---------	---------	--------

Observaciones: