

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)
1/1/2019	97.9684	0.0945	0.8270	0.9215	1.0803	256.6079	6.0692	37.7548	50.2462	0.9706		
1/2/2019	96.8312	0.1112	0.8159	0.9271	2.0977	256.7483	5.7531	38.1147	50.4439	0.9703		
1/3/2019	97.0430	0.1113	0.7804	0.8917	1.9943	258.8875	5.4313	38.0550	50.4267	0.9707		
1/4/2019	98.0713	0.0986	0.7870	0.8856	1.0271	258.0470	5.7442	37.7492	50.2584	0.9705		
1/5/2019	97.2422	0.1068	0.8033	0.9101	1.6030	255.5206	5.8798	38.0476	50.4141	0.9701		
1/6/2019	94.0078	0.1370	0.7978	0.9349	4.0401	254.5428	4.6557	39.2599	51.0783	0.9696		
1/7/2019	96.6006	0.1300	0.8570	0.9870	2.1994	255.9503	7.1270	38.1698	50.4424	0.9697		
1/8/2019	96.5663	0.1689	1.2273	1.3962	1.9996	256.9631	9.0890	37.8466	50.0583	0.9698		
1/9/2019	96.4558	0.1443	1.1500	1.2943	2.1139	259.4236	9.1977	37.9731	50.1831	0.9698		
1/10/2019	96.7897	0.1448	1.1685	1.3133	1.8034	260.0702	9.1313	37.8603	50.1100	0.9696		
1/11/2019	97.6665	0.1191	1.0341	1.1532	1.1597	260.4352	9.8981	37.6877	50.0917	0.9697		
1/12/2019	98.0771	0.0853	0.8508	0.9361	0.9300	262.0062	12.2048	37.7278	50.2255	0.9699		
1/13/2019	98.0815	0.1052	0.9226	1.0278	0.8778	262.7768	12.0602	37.6496	50.1306	0.9699		
1/14/2019	98.0524	0.1062	0.9749	1.0811	0.8532	261.4359	12.1531	37.6237	50.0926	0.9697		
1/15/2019	97.0440	0.1108	0.9260	1.0368	1.6469	258.1303	12.6720	38.0329	50.3454	0.9696		
1/16/2019	96.7032	0.1017	0.8396	0.9413	1.9665	256.3559	12.3183	38.2332	50.5061	0.9697		
1/17/2019	97.7555	0.0948	0.8134	0.9082	1.1708	254.6149	12.0730	37.8845	50.3249	0.9696		
1/18/2019	97.8778	0.0924	0.8167	0.9091	1.1065	253.7537	11.6898	37.8230	50.2904	0.9692		
1/19/2019	97.7848	0.0882	0.8978	0.9860	1.1780	258.4183	11.5781	37.7752	50.2284	0.9696		
1/20/2019	97.3819	0.1050	0.9431	1.0481	1.3822	261.1254	11.1070	37.9079	50.2702	0.9699		
1/21/2019	96.8984	0.1081	0.9101	1.0182	1.6551	263.4492	10.8529	38.1727	50.4333	0.9698		
1/22/2019	94.4341	0.1166	0.9979	1.1146	4.0218	262.6794	10.3318	38.7617	50.7225	0.9695		
1/23/2019	94.4166	0.1103	0.9310	1.0413	3.8816	262.9800	10.6733	38.8843	50.8261	0.9700		
1/24/2019	93.4262	0.1322	0.7885	0.9207	4.7834	263.3095	14.3163	39.3279	51.1257	0.9703		
1/25/2019	93.8707	0.1268	0.7930	0.9198	4.5050	262.5662	14.7736	39.1498	51.0279	0.9703		
1/26/2019	95.3516	0.1226	0.8057	0.9283	3.3038	262.3724	15.1136	38.6241	50.7288	0.9702		
1/27/2019	94.5333	0.1283	0.7599	0.8882	4.1108	261.0153	38.1502	38.8966	50.9001	0.9703		
1/28/2019	93.7380	0.1381	0.7620	0.9001	4.7322	260.4394	31.7916	39.1652	51.0433	0.9703		
1/29/2019	94.5419	0.1321	0.7900	0.9222	4.0917	260.1327	22.0294	38.8640	50.8652	0.9702		
1/30/2019	94.0250	0.1378	0.8077	0.9455	4.4901	261.0842	17.4807	39.0257	50.9441	0.9702		
1/31/2019	94.3760	0.1392	0.8284	0.9676	4.1891	261.7503	15.2795	38.8875	50.8558	0.9699		

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

Mínimo	93.4262	0.0853	0.7599	0.8856	0.8532	253.7537	4.6557	37.6237	50.0583	0.9692		
Promedio	96.3079	0.1170	0.8860	1.0029	2.3935	259.3947	12.3782	38.2683	50.4928	0.9700		
Máximo	98.0815	0.1689	1.2273	1.3962	4.7834	263.4492	38.1502	39.3279	51.1257	0.9707		
Desv. Est.	1.594043556	0.019594584	0.124116089	0.133090061	1.372479731	2.924526682	7.270113874	0.559078272	0.340426958	0.000364919		

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)
1/1/2019	98.4925	0.1306	0.8626	0.9932	2.1968	272.8870	6.7483	38.0788	50.4101	0.9730
1/2/2019	98.2938	0.1419	0.8741	1.0160	4.1384	274.6345	6.8228	39.3183	51.1279	0.9718
1/3/2019	98.1891	0.1294	0.8027	0.9321	2.7008	272.7292	6.5621	38.3051	50.5609	0.9730
1/4/2019	98.2204	0.1128	0.7960	0.9088	1.3639	272.5608	6.8228	37.8527	50.3178	0.9730
1/5/2019	98.2459	0.1308	0.8316	0.9624	3.3053	275.7356	6.6738	38.9855	50.9409	0.9718
1/6/2019	96.6321	0.1737	0.8196	0.9933	6.9190	279.6735	5.9662	41.0039	52.0119	0.9718
1/7/2019	97.9527	0.1880	1.3908	1.5788	3.3435	274.7763	8.8713	38.6201	50.7168	0.9718
1/8/2019	97.1840	0.2071	1.3959	1.6030	3.1022	273.6300	9.7652	38.2299	50.3137	0.9705
1/9/2019	97.6269	0.1837	1.3392	1.5229	4.0528	274.7574	9.9142	38.8298	50.7937	0.9730
1/10/2019	97.3768	0.1623	1.2066	1.3689	2.2263	273.4860	10.0260	38.3584	50.3958	0.9718
1/11/2019	98.1357	0.1452	1.2286	1.3738	1.4650	272.7272	12.6331	37.8369	50.2088	0.9718
1/12/2019	98.2907	0.0963	0.9183	1.0146	1.5862	273.3430	13.0801	38.1040	50.4528	0.9730
1/13/2019	98.2341	0.1125	0.9623	1.0748	1.0488	273.0203	13.0801	37.7094	50.1778	0.9730
1/14/2019	98.1145	0.1145	0.9933	1.1078	0.9268	272.5162	12.9311	37.6369	50.0883	0.9718
1/15/2019	98.1128	0.1267	0.9984	1.1250	2.4541	261.4331	13.4525	38.5740	50.6491	0.9718
1/16/2019	97.0157	0.1319	0.9629	1.0948	2.1582	259.1112	13.2291	38.3389	50.5655	0.9718
1/17/2019	98.3787	0.1088	0.8325	0.9413	2.0039	257.5474	12.9684	38.3544	50.5888	0.9718
1/18/2019	98.4815	0.1575	0.8937	1.0512	5.1804	257.4968	12.7449	39.8361	51.4181	0.9705
1/19/2019	98.4131	0.1117	0.9970	1.1086	1.9892	259.8132	12.5959	38.2263	50.5159	0.9718
1/20/2019	98.4131	0.1117	0.9970	1.1086	1.9892	259.8132	12.1862	38.2263	50.5159	0.9718
1/21/2019	98.0889	0.1262	1.0492	1.1755	2.4890	265.4311	12.1490	39.0324	50.9207	0.9730
1/22/2019	97.9087	0.1370	1.0948	1.2318	5.9585	266.5280	11.5530	39.7428	51.2422	0.9754
1/23/2019	97.5147	0.1343	1.4038	1.5381	5.3520	267.3913	13.3781	39.6317	51.2289	0.9730
1/24/2019	94.6098	0.1442	0.7978	0.9421	5.2201	265.6782	15.8735	39.4199	51.1677	0.9730
1/25/2019	95.6200	0.1392	0.8112	0.9504	5.5293	266.0343	15.9108	39.7235	51.3499	0.9730
1/26/2019	98.1948	0.1791	0.8488	1.0279	6.8366	267.1410	16.5067	40.0090	51.4779	0.9730
1/27/2019	95.3383	0.1446	0.7691	0.9137	4.5362	263.2317	51.0334	39.0656	51.0029	0.9718
1/28/2019	94.5494	0.1682	0.7702	0.9384	7.4650	263.7182	40.3439	40.2265	51.6249	0.9730
1/29/2019	95.0292	0.1541	0.8121	0.9662	4.5957	261.5877	25.7809	39.0636	50.9824	0.9730
1/30/2019	94.5765	0.1521	0.8754	1.0275	5.0363	262.5913	19.8216	39.3505	51.1374	0.9730
	94.8061	0.1537	0.8695	1.0232	4.5326	262.7634	16.8419	39.0582	50.9595	0.9730
Máximo	98.4925	0.2071	1.4038	1.6030	7.4650	279.6735	51.0334	41.0039	52.0119	0.9754

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)
1/1/2019	96.8125	0.0789	0.8037	0.8826	0.5959	256.0368	4.9605	37.6162	50.1774	0.9681
1/2/2019	93.7785	0.0907	0.7758	0.8665	0.7413	253.0819	4.2156	37.6378	50.1640	0.9681
1/3/2019	96.2488	0.0962	0.7651	0.8613	0.9176	257.0781	4.1784	37.7164	50.2407	0.9681
1/4/2019	97.7238	0.0932	0.7799	0.8731	0.8835	257.5423	4.6626	37.7052	50.2338	0.9681
1/5/2019	94.8566	0.0931	0.7762	0.8693	0.8330	254.6760	4.7743	37.6785	50.2057	0.9681
1/6/2019	89.7210	0.1161	0.7715	0.8876	2.2469	248.8594	3.0610	38.1858	50.4778	0.9607
1/7/2019	95.3416	0.1019	0.7989	0.9008	1.1100	252.2758	5.0723	37.6536	50.1057	0.9668
1/8/2019	95.4855	0.1376	1.1252	1.2628	1.3506	256.2111	8.2754	37.6409	49.9242	0.9681
1/9/2019	94.3908	0.0989	0.9189	1.0177	1.2008	256.4665	8.1637	37.6190	49.9864	0.9668
1/10/2019	95.8490	0.1301	1.1196	1.2498	1.2651	257.5756	7.9774	37.6473	49.9792	0.9668
1/11/2019	97.2873	0.0920	0.8654	0.9574	0.8880	259.3495	8.4244	37.6093	50.0894	0.9668
1/12/2019	97.1666	0.0784	0.8137	0.8920	0.7668	260.1062	10.8081	37.6268	50.1481	0.9668
1/13/2019	97.9336	0.0942	0.8805	0.9747	0.7681	261.0703	10.9198	37.6196	50.1264	0.9668
1/14/2019	97.9557	0.1008	0.9557	1.0565	0.8103	258.6990	11.0688	37.6135	50.0932	0.9668
1/15/2019	95.8102	0.0970	0.8456	0.9426	0.8450	257.5773	11.5158	37.6261	50.1086	0.9668
1/16/2019	96.3943	0.0845	0.8030	0.8875	1.7072	256.0420	11.2178	38.1387	50.4574	0.9668
1/17/2019	96.7112	0.0855	0.7915	0.8770	0.6899	253.9162	10.8826	37.6383	50.1804	0.9668
1/18/2019	92.3874	0.0668	0.7686	0.8354	0.6286	248.3212	9.5790	37.6343	50.2004	0.9668
1/19/2019	96.7225	0.0751	0.8183	0.8934	0.6769	252.6203	10.6591	37.6406	50.1941	0.9619
1/20/2019	96.7225	0.0751	0.8183	0.8934	0.6769	252.6203	10.6632	37.6406	50.1941	0.9668
1/21/2019	95.2275	0.0750	0.8586	0.9337	0.8962	260.1879	9.6163	37.6776	50.1692	0.9656
1/22/2019	91.6744	0.0852	0.8144	0.8996	0.9989	259.1766	8.6479	37.7185	50.1764	0.9681
1/23/2019	92.3513	0.0773	0.7924	0.8697	1.4789	261.0413	9.5790	37.7595	50.1445	0.9668
1/24/2019	93.0824	0.1209	0.7808	0.9017	3.8412	262.3249	12.5214	38.9120	50.8957	0.9668
1/25/2019	92.4003	0.1059	0.7786	0.8845	3.0841	261.5190	13.4525	38.5367	50.6865	0.9668
1/26/2019	91.1512	0.0806	0.7702	0.8508	0.8482	259.8053	13.8250	37.6910	50.2087	0.9668
1/27/2019	94.0484	0.1203	0.7498	0.8701	3.3881	260.1531	15.8363	38.6374	50.7523	0.9668
1/28/2019	90.5432	0.1276	0.7410	0.8686	4.0125	255.9807	25.3339	38.8802	50.8750	0.9681
1/29/2019	93.9808	0.1222	0.7637	0.8859	3.6663	259.3269	19.1511	38.6990	50.7697	0.9668
1/30/2019	93.2296	0.1281	0.7858	0.9139	4.0169	259.8390	15.7245	38.8258	50.8167	0.9668
	93.9339	0.1320	0.8033	0.9354	3.7802	260.1511	13.7133	38.7632	50.7889	0.9668
Mínimo	89.7210	0.0668	0.7410	0.8354	0.5959	248.3212	3.0610	37.6093	49.9242	0.9607

Observaciones: