

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL



(Valores promedio diarios)

PERMISIONARIO:	Tarahumara Pipeline, S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	El Encino
ZONA DE MEDICIÓN:	<u>RESTO DEL PAÍS</u>

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)
01/03/2020	93.6151	0.1797	0.8830	1.0626	5.1975	255.2391	7.7368	38.9375	50.8321	0.1097	1.0000	0.0050
02/03/2020	93.9604	0.1943	0.8748	1.0691	4.8434	257.7117	7.4660	38.8353	50.7677	0.1095		
03/03/2020	93.4889	0.1635	0.9210	1.0845	5.2582	257.2008	7.7994	38.9727	50.8457	0.1095		
04/03/2020	93.7257	0.1464	0.8862	1.0326	5.1178	255.2310	8.1931	38.9258	50.8472	0.1097		
05/03/2020	92.4179	0.1436	0.8793	1.0229	6.4119	255.1595	8.4975	39.3128	51.0710	0.1096		
06/03/2020	94.6164	0.0782	0.7915	0.8697	4.4166	255.1583	8.1164	38.7720	50.8517	0.1093		
07/03/2020	95.7360	0.0961	0.7839	0.8800	3.2978	255.4504	7.6862	38.4426	50.6560	0.1090		
08/03/2020	97.4140	0.0918	0.8341	0.9259	1.6183	255.2721	7.3109	37.9185	50.3375	0.1087		
09/03/2020	96.9187	0.1094	0.8848	0.9942	2.0276	255.0302	7.4486	38.0208	50.3599	0.1087		
10/03/2020	96.9267	0.1162	0.9367	1.0529	1.9705	254.1257	6.9935	37.9755	50.3046	0.1082		
11/03/2020	96.9599	0.0958	0.9168	1.0126	1.9874	253.0551	7.0051	37.9896	50.3366	0.1086		
12/03/2020	96.3208	0.1042	0.8843	0.9885	2.6437	252.5618	7.0924	38.1901	50.4601	0.1084		
13/03/2020	96.0106	0.1297	0.8895	1.0193	2.9151	250.8332	7.2731	38.2606	50.4799	0.1083		
14/03/2020	96.0005	0.1282	0.8873	1.0156	2.9191	250.4377	6.8333	38.2689	50.4866	0.1088		
15/03/2020	96.4548	0.1101	0.8095	0.9196	2.5652	249.5223	6.7743	38.2018	50.4975	0.1092		
16/03/2020	97.2854	0.1100	0.8311	0.9411	1.7372	250.7029	6.5828	37.9430	50.3401	0.1092		
17/03/2020	97.6116	0.1016	0.8201	0.9217	1.4279	250.8240	6.8058	37.8640	50.3061	0.1095		
18/03/2020	97.2793	0.1189	0.8091	0.9280	1.7558	252.0689	6.7545	37.9550	50.3512	0.1095		
19/03/2020	96.1672	0.1118	0.7558	0.8676	2.9306	251.8484	7.0055	38.3108	50.5834	0.1094		
20/03/2020	96.2343	0.1595	0.7467	0.9062	2.7857	252.1733	6.7996	38.2776	50.5347	0.1095		
21/03/2020	95.5825	0.1533	0.7455	0.8988	3.4423	255.0104	7.0420	38.4698	50.6490	0.1096		
22/03/2020	94.9802	0.1979	0.7299	0.9278	4.0041	256.7659	6.7997	38.6264	50.7136	0.1096		
23/03/2020	95.0771	0.1881	0.7414	0.9296	3.9096	258.4009	6.6350	38.5963	50.6979	0.1091		
24/03/2020	95.4107	0.2001	0.7411	0.9412	3.5595	258.8865	6.6428	38.4953	50.6324	0.1093		
25/03/2020	95.6708	0.1780	0.7367	0.9146	3.3417	260.0629	6.3420	38.4336	50.6150	0.1093		
26/03/2020	94.7624	0.2101	0.7428	0.9529	4.2152	259.6928	6.5878	38.6660	50.7214	0.1094		
27/03/2020	94.9919	0.1959	0.7428	0.9387	4.0016	257.2665	7.0263	38.6094	50.6994	0.1095		
28/03/2020	94.8455	0.2009	0.7381	0.9390	4.1288	255.2362	7.7707	38.6565	50.7245	0.1100		
29/03/2020	92.4174	0.1874	0.7313	0.9187	6.3986	254.8816	7.9591	39.4165	51.1660	0.1096		
30/03/2020	91.4965	0.1741	0.7331	0.9071	7.2994	253.2930	8.5647	39.6967	51.3316	0.1096		
31/03/2020	92.5438	0.2680	0.6940	0.9620	6.2297	253.3498	8.5732	39.3534	51.0915	0.1095		

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

Mínimo	91.4965	0.0782	0.6940	0.8676	1.4279	249.5223	6.3420	37.8640	50.3046	0.1082		
Promedio	95.2556	0.1498	0.8098	0.9595	3.6890	254.5953	7.2941	38.5289	50.6546	0.1092		
Máximo	97.6116	0.2680	0.9367	1.0845	7.2994	260.0629	8.5732	39.6967	51.3316	0.1100		
Desv. Est.	1.646505684	0.045663508	0.072481666	0.061191778	1.575321062	2.810332312	0.638099816	0.48345297	0.266069723	0.000453567		

Observaciones: La toma de muestra realizada por laboratorio para obtener las lecturas de azufre total y oxígeno se realizó el 23 de marzo de 2020.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



PERMISIONARIO:	Tarahumara Pipeline, S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	El Encino
ZONA DE MEDICIÓN:	<u>RESTO DEL PAÍS</u>

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)
01/03/2020	94.2510	0.2511	0.9476	1.1507	5.9181	257.0725	8.8556	39.1382	51.0416	0.1107
02/03/2020	95.7004	0.2559	1.0816	1.2598	5.8382	259.4491	8.6479	39.0910	50.8766	0.1106
03/03/2020	94.2879	0.2439	1.0124	1.1901	6.4092	258.9205	8.3378	39.2878	50.9888	0.1103
04/03/2020	94.5234	0.2031	0.9454	1.0917	5.8477	256.5273	9.0564	39.1557	50.9872	0.1111
05/03/2020	93.4542	0.1994	1.0940	1.2934	6.9649	256.3161	9.1419	39.4718	51.1834	0.1105
06/03/2020	96.3200	0.1047	0.8411	0.9051	5.4571	256.5051	8.9777	39.0872	51.0206	0.1103
07/03/2020	97.0293	0.1104	0.8031	0.9071	5.0427	256.5977	8.5171	38.9582	50.9512	0.1095
08/03/2020	98.1819	0.1041	0.9097	1.0046	3.3267	256.4845	7.9422	38.4195	50.6385	0.1097
09/03/2020	97.9676	0.2568	0.9904	1.0763	4.1881	256.2053	8.5793	38.6258	50.6318	0.1093
10/03/2020	97.6771	0.2436	0.9673	1.0861	3.9448	257.1254	8.2001	38.5590	50.5986	0.1097
11/03/2020	97.3884	0.1183	0.9696	1.0772	2.3220	254.4377	8.1068	38.0974	50.3807	0.1103
12/03/2020	97.1819	0.1199	0.9328	1.0518	3.6381	253.8556	8.6045	38.4987	50.6476	0.1102
13/03/2020	96.4414	0.1371	0.9238	1.0575	3.1975	252.4715	8.6992	38.3434	50.5237	0.1096
14/03/2020	96.3003	0.1381	0.9438	1.0819	3.2240	252.7341	8.0369	38.3676	50.5515	0.1105
15/03/2020	97.3339	0.1243	0.8614	0.9853	3.0342	250.7844	7.3732	38.3199	50.5331	0.1112
16/03/2020	97.6795	0.1403	0.8465	0.9843	2.6024	253.0862	7.5708	38.2218	50.5099	0.1104
17/03/2020	97.9111	0.1380	0.8448	0.9826	2.0817	251.3541	7.8571	38.0503	50.3990	0.1105
18/03/2020	98.0612	0.2509	1.1622	1.3692	4.0844	255.2584	7.6289	38.5908	50.7442	0.1108
19/03/2020	97.4895	0.1480	0.7699	0.8993	4.5301	253.9258	8.4476	38.7725	50.8461	0.1108
20/03/2020	97.6822	0.1994	0.7598	0.9339	4.8079	253.4878	8.1786	38.9505	50.9150	0.1106
21/03/2020	96.5088	0.1884	0.7579	0.9230	5.3526	256.2151	8.3072	39.0253	50.9625	0.1109
22/03/2020	96.4632	0.2348	0.7413	0.9760	4.8900	257.9832	8.5816	38.8830	50.8604	0.1120
23/03/2020	96.5313	0.2478	0.7801	0.9968	5.9853	260.2672	7.7876	39.2193	51.0403	0.1105
24/03/2020	96.5928	0.2178	0.7584	0.9592	4.1186	260.1248	8.4005	38.6635	50.7282	0.1102
25/03/2020	97.0066	0.2207	0.7436	0.9634	5.3720	262.0958	7.3174	39.0018	50.9044	0.1106
26/03/2020	96.9999	0.2391	0.7681	0.9970	5.6777	262.2050	7.9307	39.0908	50.9545	0.1105
27/03/2020	96.1886	0.2495	0.7575	0.9908	5.0601	259.6221	8.2944	38.9191	50.8842	0.1101
28/03/2020	95.9330	0.2356	0.7470	0.9754	5.9888	256.8835	9.0838	39.2468	51.0687	0.1115
29/03/2020	93.0467	0.2150	0.7509	0.9564	6.9656	256.7312	8.8510	39.6939	51.3568	0.1109
30/03/2020	92.7693	0.2212	0.7599	0.9394	8.4245	255.0947	9.4978	40.1912	51.6209	0.1103
31/03/2020	93.7499	0.3952	0.7202	1.0383	8.1424	255.1756	9.7233	39.9374	51.4576	0.1101

Máximo	98.1819	0.3952	1.1622	1.3692	8.4245	262.2050	9.7233	40.1912	51.6209	0.1120
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Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



PERMISIONARIO:	Tarahumara Pipeline, S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	El Encino
ZONA DE MEDICIÓN:	<u>RESTO DEL PAÍS</u>

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)
01/03/2020	92.8024	0.1192	0.7525	0.8847	4.6725	250.2626	7.1948	38.7749	50.7089	0.1077
02/03/2020	92.7923	0.1295	0.7439	0.9018	3.3069	256.2298	6.8888	38.4391	50.6350	0.1078
03/03/2020	92.1827	0.1003	0.8760	0.9778	4.5501	254.9046	7.0493	38.7176	50.6664	0.1067
04/03/2020	92.9971	0.1141	0.8620	0.9932	4.3427	253.8009	7.5635	38.6965	50.7202	0.1086
05/03/2020	91.7293	0.0996	0.7892	0.9058	5.4112	254.0034	8.0648	39.0189	50.9107	0.1085
06/03/2020	93.5333	0.0340	0.7724	0.8463	2.7594	254.2462	7.6554	38.2854	50.5969	0.1083
07/03/2020	93.9753	0.0738	0.7635	0.8484	2.0478	254.6939	7.1678	38.0615	50.4432	0.1081
08/03/2020	95.7388	0.0760	0.7818	0.8760	0.8879	254.5494	7.0059	37.7118	50.2077	0.1069
09/03/2020	94.6455	0.0242	0.7942	0.8184	1.0899	252.3545	6.8421	37.7419	50.1918	0.1068
10/03/2020	94.8996	0.0967	0.8275	0.9540	1.2931	252.1916	5.4558	37.7763	50.1966	0.1063
11/03/2020	96.5449	0.0830	0.8769	0.9700	1.5934	252.4592	6.3253	37.8688	50.2450	0.1070
12/03/2020	95.3245	0.0915	0.8571	0.9624	1.7416	250.8943	6.1895	37.8952	50.2587	0.1067
13/03/2020	95.7134	0.1069	0.8723	0.9792	2.5093	249.1500	6.4909	38.1398	50.4151	0.1071
14/03/2020	95.6932	0.1198	0.8551	0.9787	2.6132	249.0696	6.1163	38.1694	50.4225	0.1072
15/03/2020	95.9102	0.1005	0.7939	0.8987	1.7303	248.7016	6.1327	37.9488	50.3612	0.1083
16/03/2020	96.4004	0.0942	0.8151	0.9093	1.3609	249.7667	5.8844	37.8299	50.2768	0.1079
17/03/2020	96.9246	0.0718	0.7980	0.8710	1.1590	250.3873	6.1277	37.7792	50.2469	0.1071
18/03/2020	94.7579	0.0829	0.7556	0.8570	0.9647	250.7058	5.9813	37.7134	50.1619	0.1084
19/03/2020	94.5605	0.0659	0.7420	0.8150	1.6689	250.0128	6.3829	37.9676	50.4240	0.1085
20/03/2020	94.0399	0.1170	0.7279	0.8735	1.3945	250.9717	6.1812	37.8674	50.3002	0.1085
21/03/2020	93.6404	0.1208	0.7268	0.8588	2.5666	253.5041	6.4566	38.1998	50.5027	0.1086
22/03/2020	94.0941	0.1706	0.7154	0.9009	2.5629	255.9487	5.9951	38.1800	50.4534	0.1083
23/03/2020	92.9301	0.1572	0.7156	0.8885	2.4888	256.6423	5.9566	38.1562	50.4370	0.1077
24/03/2020	94.8323	0.1819	0.7263	0.9233	2.3915	257.9435	5.9438	38.1570	50.4396	0.1084
25/03/2020	93.5791	0.1141	0.7284	0.8555	2.0070	258.2034	5.4837	38.0439	50.3882	0.1086
26/03/2020	93.2683	0.1635	0.7232	0.9072	2.0150	257.3878	5.5711	38.0152	50.3481	0.1086
27/03/2020	93.9401	0.1368	0.7311	0.8778	2.7925	254.3444	6.1794	38.2528	50.4843	0.1085
28/03/2020	92.9041	0.1625	0.7278	0.8994	3.0771	253.3384	7.2689	38.3256	50.5283	0.1089
29/03/2020	91.7423	0.1258	0.7100	0.8628	5.8169	253.4544	7.2890	39.2157	51.0449	0.1088
30/03/2020	90.1033	0.1258	0.7133	0.8687	6.1555	251.8521	8.1489	39.3136	51.0954	0.1089
31/03/2020	90.6425	0.1591	0.6431	0.8589	5.2044	252.2378	8.0140	39.0024	50.8463	0.1087

Mínimo	90.1033	0.0242	0.6431	0.8150	0.8879	248.7016	5.4558	37.7118	50.1619	0.1063
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Observaciones: