

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:	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)
01/11/2021	95.2861	0.5011	0.7408	1.2419	3.3102	246.3830	55.2356	38.3672	50.3466	0.2276		
02/11/2021	95.2413	0.5304	0.7283	1.2587	3.2332	246.3826	52.2584	38.4111	50.3568	0.2354		
03/11/2021	95.7779	0.5473	0.7382	1.2856	2.8459	246.7238	48.9843	38.1684	50.2022	0.2295		
04/11/2021	96.4919	0.5810	0.7213	1.3023	2.1413	247.4928	47.1509	37.9430	50.0570	0.2260		
05/11/2021	96.5295	0.6231	0.7024	1.3254	1.8152	246.2587	48.5623	38.0375	50.0889	0.2228		
06/11/2021	94.5781	0.5148	0.7327	1.2475	3.8982	247.5119	49.4890	38.6179	50.4834	0.2257		
07/11/2021	95.3336	0.5316	0.7168	1.2484	3.1927	247.5285	50.0386	38.3802	50.3438	0.2291		
08/11/2021	95.5351	0.5404	0.7150	1.2554	2.9785	246.2607	47.5565	38.3208	50.3043	0.2497		
09/11/2021	95.7232	0.5550	0.7175	1.2725	2.8409	245.5869	45.4640	38.2267	50.2393	0.2287		
10/11/2021	96.4359	0.5720	0.7128	1.2848	2.1853	243.1855	18.2993	37.9859	50.0920	0.0464		
11/11/2021	97.5744	0.6389	0.6994	1.3383	1.0438	244.1853	18.2899	37.6046	49.8318	0.0390		
12/11/2021	97.1445	0.6399	0.7036	1.3435	1.4428	245.4265	21.0766	37.7342	49.9038	0.0438		
13/11/2021	97.1916	0.6186	0.7112	1.3298	1.4466	245.7219	24.9196	37.7132	49.9033	0.0462		
14/11/2021	96.5796	0.5549	0.7296	1.2845	2.0984	245.4583	25.8632	37.9187	50.0583	0.0422		
15/11/2021	97.0395	0.5894	0.7127	1.3021	1.6277	245.2854	24.7044	37.7737	49.9582	0.0466		
16/11/2021	97.0760	0.5737	0.7115	1.2852	1.6061	246.4178	23.3044	37.7753	49.9707	0.0522		
17/11/2021	95.9842	0.5222	0.7354	1.2576	2.6833	246.1308	22.3136	38.1196	50.1937	0.0418		
18/11/2021	95.9232	0.5036	0.7599	1.2635	2.7650	244.5637	22.7856	38.1228	50.1974	0.0445		
19/11/2021	95.7605	0.4993	0.7516	1.2509	2.9398	245.4832	23.2884	38.1776	50.2358	0.0484		
20/11/2021	95.0252	0.4372	0.7858	1.2230	3.6950	244.5690	25.6400	38.4087	50.3960	0.0425		
21/11/2021	95.0064	0.4470	0.7878	1.2348	3.7009	243.1556	27.5885	38.4062	50.3868	0.0356		
22/11/2021	95.4534	0.4786	0.7748	1.2534	3.2385	244.7380	24.2957	38.2654	50.2901	0.0467		
23/11/2021	95.4111	0.4773	0.7583	1.2356	3.2981	245.8038	21.8243	38.2898	50.3125	0.0357		
24/11/2021	95.4914	0.4818	0.7666	1.2484	3.2085	245.2340	19.2548	38.2570	50.2867	0.0361		
25/11/2021	96.0458	0.5022	0.7616	1.2638	2.6443	247.5874	19.5588	38.0871	50.1772	0.0375		
26/11/2021	95.7919	0.4736	0.7611	1.2347	2.9268	247.2375	18.2436	38.1792	50.2504	0.0381		
27/11/2021	96.3970	0.5142	0.7296	1.2439	2.3176	250.5034	19.1683	37.9991	50.1329	0.0470		
28/11/2021	96.8405	0.5437	0.7369	1.2806	1.8391	249.4011	18.0740	37.8474	50.0217	0.0328		
29/11/2021	97.3853	0.5432	0.7543	1.2974	1.2843	249.7326	20.5725	37.6788	49.9167	0.0427		
30/11/2021	96.8231	0.4849	0.7535	1.2384	1.8987	249.7397	23.1128	37.8804	50.0744	0.0482		

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

Mínimo	94.5781	0.4372	0.6994	1.2230	1.0438	243.1556	18.0740	37.6046	49.8318	0.0328
Promedio	96.0959	0.5340	0.7370	1.2711	2.5382	246.3230	30.2306	38.0899	50.1671	0.0990
Máximo	97.5744	0.6399	0.7878	1.3435	3.8982	250.5034	55.2356	38.6179	50.4834	0.2497
Desv. Est.	0.79920832	0.053824858	0.02503994	0.032969823	0.791766557	1.819087154	13.08714575	0.261728189	0.171426094	0.087804908

Observaciones: Por causas ajenas al transportista, el punto EMRYC El Encino continuó fuera de operación desde el día 1 hasta el día 9, es por ello que como medida extraordinaria se toma la calidad de gas del punto EMRYC Chihuahua II en este periodo, retomando las lecturas del punto declarado a partir del día 10.

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)
01/11/2021	96.8198	0.7595	0.7884	1.4716	5.2781	246.7592	56.5555	39.0232	50.7987	0.2416
02/11/2021	95.8451	0.5692	0.7435	1.3012	4.0008	246.6920	56.0642	38.8560	50.6341	0.2501
03/11/2021	96.8361	0.6065	0.7550	1.3249	3.7200	247.1345	50.3350	38.6421	50.4724	0.2577
04/11/2021	96.8018	0.6048	0.7339	1.3233	2.7083	247.9019	49.3172	38.1954	50.2096	0.2471
05/11/2021	96.9597	0.6926	0.8192	1.3735	2.4547	247.7822	51.9683	38.3343	50.2753	0.2455
06/11/2021	96.9482	0.6508	0.7722	1.3473	5.8628	247.7922	52.1562	39.1629	50.8574	0.2475
07/11/2021	95.8833	0.5921	0.7280	1.2994	4.0386	248.2762	52.5501	38.6444	50.5149	0.3679
08/11/2021	97.0181	0.6218	0.7344	1.3097	3.7603	246.9695	51.0465	38.6382	50.5040	0.5981
09/11/2021	96.4617	0.5974	0.7275	1.3077	3.7538	246.2848	46.8662	38.6768	50.5250	0.2492
10/11/2021	97.7028	0.6483	0.7427	1.3424	3.8425	246.2490	19.4919	38.4562	50.4184	0.4075
11/11/2021	97.7298	0.6617	0.7214	1.3582	2.1519	245.6091	19.1871	37.9561	50.0495	0.2406
12/11/2021	97.6248	0.6899	0.7268	1.3875	2.4290	246.6607	21.9924	38.0124	50.1025	0.2581
13/11/2021	97.7141	0.6704	0.7301	1.3691	1.9326	246.6437	25.8721	37.8667	50.0108	0.3934
14/11/2021	97.1320	0.6200	0.7426	1.3251	2.9162	246.7311	26.5351	38.1835	50.2398	0.3415
15/11/2021	97.6228	0.6245	0.7285	1.3249	2.2376	246.7860	25.4214	37.9603	50.0843	0.2526
16/11/2021	97.5326	0.6190	0.7226	1.3201	2.1672	247.5874	25.1191	38.0020	50.1274	0.3137
17/11/2021	97.1903	0.5688	0.7569	1.2949	4.4755	247.3138	23.2686	38.8071	50.5594	0.3428
18/11/2021	96.6797	0.5198	0.8379	1.3352	3.3925	246.4540	24.3953	38.3125	50.3379	0.1987
19/11/2021	96.7322	0.5454	0.7881	1.2798	4.0732	247.3288	24.1501	38.5203	50.4613	0.3195
20/11/2021	96.9721	0.5270	0.8150	1.2704	4.0826	246.8900	30.1324	38.5152	50.4550	0.3123
21/11/2021	95.2796	0.4767	0.7987	1.2754	3.9757	244.5996	29.7159	38.4919	50.4484	0.2945
22/11/2021	95.8213	0.5057	0.7992	1.2810	3.5961	245.1765	26.5500	38.3812	50.3720	0.3515
23/11/2021	95.8962	0.4984	0.7835	1.2498	3.8610	246.3168	23.9658	38.4542	50.4216	0.3444
24/11/2021	96.1867	0.5232	0.8027	1.2719	3.6756	246.6206	20.1599	38.3975	50.3809	0.2848
25/11/2021	97.1380	0.5704	0.7891	1.3046	3.8105	249.0893	20.4622	38.4406	50.4091	0.2233
26/11/2021	96.1774	0.4922	0.7772	1.2530	3.3325	256.2535	21.5317	38.3026	50.3262	0.2695
27/11/2021	97.2377	0.5471	0.7548	1.2763	3.8687	252.3955	20.7335	38.4665	50.4344	0.2605
28/11/2021	97.3762	0.5638	0.7558	1.2992	2.3067	251.5505	19.4845	37.9857	50.1066	0.2368
29/11/2021	97.6437	0.5777	0.7823	1.3201	1.5182	251.0258	23.1085	37.7520	49.9682	0.3180
30/11/2021	97.3745	0.5411	0.7713	1.2743	2.4517	250.5058	24.9037	38.0517	50.1950	0.4580

Máximo	97.7298	0.7595	0.8379	1.4716	5.8628	256.2535	56.5555	39.1629	50.8574	0.5981
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Observaciones: Por causas ajenas al transportista, el punto EMRyC El Encino continuó fuera de operación desde el día 1 hasta el día 9, es por ello que como medida extraordinaria se toma la calidad de gas del punto EMRyC Chihuahua II en este periodo, retomando las lecturas del punto declarado a partir del día 10.

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)
01/11/2021	93.2458	0.1524	0.7121	0.9408	1.8171	245.8560	54.2880	37.8271	49.9216	0.2082
02/11/2021	94.1978	0.4884	0.7103	1.2057	2.7398	246.0764	49.1154	38.1519	50.1868	0.2177
03/11/2021	94.5917	0.5102	0.7109	1.2616	1.8113	246.2781	46.8099	37.8229	49.9748	0.2156
04/11/2021	95.8249	0.5587	0.7134	1.2881	1.8364	246.3751	45.0596	37.8297	49.9765	0.2136
05/11/2021	95.7667	0.5114	0.6809	1.2999	1.4082	244.6595	44.3931	37.8279	49.9771	0.2024
06/11/2021	92.7533	0.4069	0.6924	1.1663	1.4200	246.9739	45.2972	37.8868	49.9871	0.2111
07/11/2021	94.4886	0.4866	0.7018	1.2088	2.7488	246.4866	46.7149	38.1454	50.1743	0.2098
08/11/2021	94.6444	0.4891	0.6838	1.2235	1.6137	245.5579	44.8035	37.7904	49.9604	0.1950
09/11/2021	94.6135	0.5088	0.7098	1.2329	2.1956	244.8278	44.3919	37.9414	50.0560	0.2150
10/11/2021	94.8882	0.4775	0.6927	1.2124	0.9356	240.9470	17.0703	37.5653	49.8053	0.0073
11/11/2021	96.4305	0.6031	0.6947	1.3202	0.8973	241.9792	17.3981	37.5463	49.7908	0.0073
12/11/2021	96.2294	0.5493	0.6887	1.2677	0.9709	244.4470	19.0537	37.5600	49.7735	0.0075
13/11/2021	96.7196	0.5796	0.6987	1.3040	0.9220	244.9211	22.4430	37.5420	49.7739	0.0076
14/11/2021	95.7724	0.5057	0.7051	1.2463	1.5158	243.5535	24.3332	37.7338	49.9239	0.0074
15/11/2021	96.4434	0.5542	0.6975	1.2804	1.0309	243.4772	23.7013	37.5894	49.8328	0.0064
16/11/2021	96.4833	0.5247	0.7011	1.2473	1.1560	244.8551	20.9935	37.6264	49.8577	0.0064
17/11/2021	93.8471	0.4765	0.7136	1.2302	1.4959	244.8396	21.0904	37.7419	49.9536	0.0075
18/11/2021	95.2930	0.4568	0.7334	1.2193	2.0311	242.3477	20.0096	37.9086	50.0765	0.0079
19/11/2021	94.6425	0.4322	0.7278	1.2180	1.9528	243.6667	21.9607	37.8880	50.0501	0.0071
20/11/2021	94.6071	0.4139	0.7434	1.1949	1.7237	242.4698	22.8236	37.8127	50.0105	0.0071
21/11/2021	94.7438	0.4239	0.7595	1.2183	3.4431	241.7042	26.3011	38.3402	50.3478	0.0074
22/11/2021	95.0862	0.4470	0.7396	1.2147	2.8956	243.8357	21.8843	38.1716	50.2280	0.0081
23/11/2021	94.8445	0.4550	0.7398	1.2145	2.8259	245.1352	19.4541	38.1511	50.2317	0.0073
24/11/2021	95.0246	0.4411	0.7422	1.2295	2.5166	244.0454	17.3993	38.0505	50.1576	0.0071
25/11/2021	94.8971	0.4401	0.7247	1.2246	1.5723	244.1907	18.3597	37.7740	49.9918	0.0073
26/11/2021	95.3910	0.4575	0.7436	1.2155	2.5385	224.8259	9.1612	38.0609	50.1736	0.0076
27/11/2021	94.8681	0.4500	0.7177	1.2047	1.4569	248.9000	17.7774	37.7333	49.9572	0.0081
28/11/2021	96.3719	0.5187	0.7166	1.2596	1.2996	247.9989	16.6625	37.6811	49.9165	0.0077
29/11/2021	97.1523	0.5110	0.7337	1.2805	1.0358	249.2758	18.5937	37.6041	49.8566	0.0074
30/11/2021	96.2957	0.4464	0.7195	1.2084	1.3197	249.1138	20.2300	37.6958	49.9407	0.0071

Mínimo	92.7533	0.1524	0.6809	0.9408	0.8973	224.8259	9.1612	37.5420	49.7735	0.0064
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Observaciones: Por causas ajenas al transportista, el punto EMRyC El Encino continuó fuera de operación desde el día 1 hasta el día 9, es por ello que como medida extraordinaria se toma la calidad de gas del punto EMRyC Chihuahua II en este periodo, retomando las lecturas del punto declarado a partir del día 10.