

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)
01/12/2022	97.2000	0.1840	0.9421	1.1261	1.6352	246.2191	6.1729	37.8452	50.1799	0.1403	1.0000	0.0050
02/12/2022	96.9978	0.5516	0.9534	1.5051	1.4324	246.3706	6.8288	37.6645	49.8104	0.4099		
03/12/2022	96.5209	0.5535	1.0044	1.5579	1.8940	246.3604	6.9313	37.7499	49.8351	0.4671		
04/12/2022	96.8252	0.5538	0.9784	1.5323	1.6166	247.2885	7.0394	37.6798	49.8062	0.4858		
05/12/2022	96.9902	0.5994	0.9159	1.5153	1.4607	248.5215	6.7380	37.6472	49.7842	0.5334		
06/12/2022	96.8440	0.6317	0.9029	1.5346	1.5956	248.4859	6.4867	37.6730	49.7825	0.5673		
07/12/2022	96.7897	0.5861	0.9261	1.5122	1.6704	247.7909	6.3118	37.7041	49.8219	0.5340		
08/12/2022	96.6327	0.5661	0.9613	1.5275	1.8095	248.0471	6.3427	37.7396	49.8402	0.5096		
09/12/2022	96.5663	0.5644	0.9522	1.5167	1.8860	249.2508	6.6697	37.7658	49.8606	0.5357		
10/12/2022	96.9187	0.6511	0.8278	1.4789	1.5775	248.1815	6.8706	37.6877	49.8115	0.7087		
11/12/2022	94.7958	0.3506	0.9102	1.2608	3.8578	246.1232	6.0312	38.4567	50.4262	0.3278		
12/12/2022	95.1717	0.3476	0.9733	1.3209	3.4490	244.1028	6.2269	38.3025	50.3116	0.2862		
13/12/2022	95.1112	0.2434	1.0352	1.2785	3.5480	245.0015	6.7638	38.3482	50.3823	0.1556		
14/12/2022	95.5550	0.3492	0.9894	1.3386	3.0425	245.8306	7.2241	38.1832	50.2344	0.2564		
15/12/2022	97.0928	0.6081	0.9014	1.5095	1.3511	246.3084	7.5791	37.6275	49.7732	0.5902		
16/12/2022	97.6669	0.7579	0.7618	1.5197	0.7990	245.4372	7.3871	37.4451	49.6268	0.8161		
17/12/2022	97.0510	0.6814	0.7827	1.4641	1.4549	245.2084	5.9186	37.6621	49.7960	0.7995		
18/12/2022	95.9213	0.4578	0.9134	1.3712	2.6586	246.7378	5.3488	38.0518	50.1183	0.5073		
19/12/2022	95.7121	0.4684	0.9510	1.4194	2.8215	247.8983	6.2010	38.0786	50.1089	0.5352		
20/12/2022	96.2987	0.5784	0.8804	1.4588	2.1870	247.2477	6.7216	37.8907	49.9560	0.6289		
21/12/2022	96.0231	0.5855	0.8833	1.4688	2.3670	245.2076	6.3079	37.9995	50.0118	0.6568		
22/12/2022	96.1247	0.5328	0.9278	1.4606	2.3706	243.2397	6.1093	37.9326	49.9904	0.5934		
23/12/2022	92.8710	0.4960	0.9305	1.4265	5.4225	240.1120	3.8055	38.9546	50.5988	0.5483		
24/12/2022	91.6890	0.4032	0.9997	1.4029	6.5793	240.3608	3.6387	39.3218	50.8417	0.4851		
25/12/2022	92.3129	0.3200	1.1066	1.4266	5.9759	240.3858	3.8281	39.1148	50.7331	0.3548		
26/12/2022	92.6481	0.3277	1.1206	1.4483	5.6194	240.9597	4.1828	39.0040	50.6582	0.3209		
27/12/2022	92.0949	0.4110	1.0457	1.4567	6.0866	241.5386	4.5303	39.1803	50.7350	0.3552		
28/12/2022	90.9269	0.3606	1.0815	1.4420	7.0411	243.4860	4.5215	39.5921	50.9861	0.3653		
29/12/2022	89.5663	0.5659	0.7840	1.3499	8.3765	242.0364	3.7518	40.0796	51.2548	0.5367		
30/12/2022	90.7710	0.6520	0.8690	1.5210	7.2721	242.6761	3.1326	39.5393	50.8538	0.6992		
31/12/2022	92.1788	0.4029	1.0717	1.4746	5.9926	242.2275	4.0241	39.1416	50.7069	0.4406		

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

Mínimo	89.5663	0.1840	0.7618	1.1261	0.7990	240.1120	3.1326	37.4451	49.6268	0.1403		
Promedio	95.0280	0.4949	0.9446	1.4395	3.3823	245.1175	5.7944	38.2924	50.2141	0.4888		
Máximo	97.6669	0.7579	1.1206	1.5579	8.3765	249.2508	7.5791	40.0796	51.2548	0.8161		
Desv. Est.	2.337423072	0.138052434	0.089746121	0.096468037	2.182369888	2.728442157	1.305685239	0.731807501	0.447658577	0.166153655		

Observaciones:

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)
01/12/2022	97.5462	0.6051	0.9836	1.4903	1.8494	248.0180	6.7601	37.9867	50.3741	0.4208
02/12/2022	97.3892	0.6344	0.9774	1.5642	2.7671	248.9721	7.6174	38.2156	50.1097	0.5188
03/12/2022	96.7714	0.5997	1.0413	1.5767	2.1752	247.6156	7.6155	37.8337	49.8714	0.5478
04/12/2022	97.0986	0.6040	1.1044	1.5854	2.1045	248.8911	7.7453	37.8077	49.8772	0.5782
05/12/2022	97.1218	0.6447	0.9342	1.5488	1.6142	249.4788	7.4939	37.6781	49.8371	0.5944
06/12/2022	96.9868	0.6645	0.9604	1.5523	1.7913	250.5508	6.6062	37.7312	49.8351	0.6481
07/12/2022	97.0902	0.6961	1.0115	1.6206	1.9264	249.3837	6.5336	37.8082	49.9611	0.6639
08/12/2022	97.0707	0.7047	0.9988	1.5602	1.9894	249.0751	6.8315	37.7964	49.8863	0.6656
09/12/2022	97.1603	0.7288	1.0022	1.5487	2.2801	250.9704	7.1984	37.8899	49.9417	0.7683
10/12/2022	97.2617	0.7178	0.8438	1.5379	5.1927	251.0419	7.1978	38.8341	50.6165	0.8038
11/12/2022	96.0393	1.1315	0.9699	1.9406	6.4596	250.3912	6.6167	39.2735	51.0176	0.8614
12/12/2022	96.9211	0.6341	1.0515	1.4752	4.1235	246.4749	6.7601	38.5109	50.4388	0.6049
13/12/2022	96.2104	0.3088	1.0761	1.3208	4.7925	246.6889	7.3002	38.7800	50.7454	0.2335
14/12/2022	96.9670	0.6315	1.0496	1.5421	4.6384	247.1378	8.6683	38.6780	50.5747	0.4741
15/12/2022	97.3603	0.6882	0.9993	1.5256	2.2860	247.3801	8.8540	38.0425	50.0477	0.7561
16/12/2022	97.8927	0.8342	0.8409	1.5635	1.2394	246.7225	8.0426	37.5884	49.7217	0.9835
17/12/2022	97.9278	0.8495	0.8698	1.5804	3.5905	246.1673	6.9855	38.3427	50.2750	1.0607
18/12/2022	96.1443	0.5251	0.9648	1.4276	3.2015	247.9710	5.9575	38.2059	50.2105	0.7031
19/12/2022	96.5418	0.5577	1.0357	1.5318	3.5345	249.2858	7.0438	38.2812	50.2251	0.7076
20/12/2022	96.9640	0.7351	0.9153	1.5603	2.8299	249.0751	7.6571	38.0674	50.0899	0.8422
21/12/2022	97.1746	0.7557	0.9235	1.5752	3.0588	247.2870	7.3393	38.3542	50.2252	0.8765
22/12/2022	96.6633	0.6243	0.9642	1.5415	3.2148	245.6839	6.9339	38.2068	50.2001	0.8019
23/12/2022	96.3427	0.6315	0.9589	1.5811	7.4290	241.6795	6.2120	39.6861	51.0252	0.7584
24/12/2022	91.9464	0.4452	1.0326	1.4312	6.8772	241.7909	5.4603	39.4076	50.9033	0.5906
25/12/2022	92.5572	0.3480	1.1306	1.4613	6.3901	241.5112	5.2635	39.2410	50.8058	0.4955
26/12/2022	95.6231	0.4755	1.4658	1.5175	6.4081	242.3214	5.9507	39.2768	50.7858	0.4666
27/12/2022	92.7695	0.4535	1.1123	1.4946	6.6188	242.8007	5.1741	39.3799	50.8648	0.4685
28/12/2022	91.7089	0.4332	1.1758	1.5000	8.0187	244.7563	5.0686	40.0755	51.2786	0.5838
29/12/2022	90.8454	0.8684	1.0614	1.5150	9.3255	243.1018	4.1554	40.4434	51.5517	0.7744
30/12/2022	92.1774	0.8075	1.1024	1.6282	7.9714	243.9366	3.9065	39.8990	51.0756	0.8726
31/12/2022	92.5428	0.5503	1.1031	1.6078	6.4457	244.3264	4.4819	39.3723	50.8897	0.6036

Máximo	97.9278	1.1315	1.4658	1.9406	9.3255	251.0419	8.8540	40.4434	51.5517	1.0607
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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: 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)
01/12/2022	96.8153	0.0089	0.8814	0.9351	1.4722	245.3982	4.5974	37.6556	49.8110	0.0102
02/12/2022	95.3806	0.4911	0.9251	1.4465	1.1098	245.0156	4.7253	37.5641	49.7372	0.3072
03/12/2022	96.2139	0.5210	0.9692	1.5339	1.6516	245.4874	5.4323	37.6793	49.7966	0.4146
04/12/2022	96.2801	0.4753	0.9143	1.4732	1.3618	246.1094	5.1486	37.6058	49.7577	0.3915
05/12/2022	96.8317	0.5456	0.8926	1.4593	1.3432	248.1241	6.4795	37.6004	49.7517	0.4172
06/12/2022	96.6523	0.5670	0.8673	1.5147	1.4598	247.0595	6.3554	37.6323	49.7523	0.4657
07/12/2022	96.5607	0.4174	0.8260	1.4289	1.3706	246.7511	5.9742	37.6135	49.7399	0.4206
08/12/2022	96.4651	0.5324	0.8308	1.5047	1.3652	247.4090	5.7582	37.6133	49.7308	0.3876
09/12/2022	96.1542	0.5101	0.8181	1.4998	1.2894	248.2544	6.2275	37.5819	49.7025	0.3993
10/12/2022	93.4882	0.4782	0.7731	1.2513	1.2346	245.8606	5.7117	37.5798	49.7101	0.5507
11/12/2022	92.3406	0.0519	0.8091	0.9955	2.8661	243.4342	4.9835	38.0364	49.6913	0.0371
12/12/2022	94.5074	0.2659	0.8411	1.2767	1.5696	242.9677	5.7377	37.6952	49.8222	0.1781
13/12/2022	93.9918	0.0483	0.9759	1.1244	2.5618	243.9244	5.8935	38.0916	50.2561	0.0562
14/12/2022	93.9839	0.1864	0.9064	1.1542	1.4968	244.9049	5.6347	37.6538	49.7701	0.0736
15/12/2022	95.9725	0.4924	0.8119	1.4890	1.1039	245.5840	5.8724	37.5334	49.7028	0.3854
16/12/2022	97.2117	0.6801	0.7219	1.4884	0.6070	243.9366	5.8079	37.3757	49.5485	0.7014
17/12/2022	94.9576	0.4851	0.7281	1.3384	0.5723	243.2219	4.1790	37.3714	49.5381	0.4927
18/12/2022	95.3623	0.4219	0.8265	1.3274	2.4444	245.7461	4.0698	37.9800	50.0496	0.3730
19/12/2022	94.9797	0.4252	0.9151	1.3612	1.9368	247.0155	4.6309	37.7929	49.8924	0.4300
20/12/2022	95.6414	0.4757	0.8242	1.3909	1.3531	245.4827	5.5211	37.6657	49.7417	0.4440
21/12/2022	95.1274	0.5174	0.8194	1.4347	1.2530	243.6664	5.6508	37.5750	49.7034	0.4981
22/12/2022	95.3336	0.4057	0.8893	1.3453	1.8215	240.8675	4.7160	37.7588	49.8641	0.4704
23/12/2022	90.6337	0.4556	0.8865	1.3872	2.1320	238.7999	1.6885	37.8155	49.8430	0.4384
24/12/2022	91.4168	0.3750	0.9755	1.3774	6.3394	239.0437	1.9405	39.2412	50.7950	0.3909
25/12/2022	91.9001	0.3108	1.0970	1.4084	5.7093	239.6370	2.1050	39.0179	50.6559	0.2246
26/12/2022	91.7440	0.0446	0.9935	1.3928	2.8366	239.7332	2.3223	38.0541	50.1513	0.0210
27/12/2022	91.5541	0.3618	0.9857	1.4120	5.4426	240.4701	2.5601	38.9622	50.6110	0.2325
28/12/2022	89.7060	0.3111	0.9790	1.3967	6.4170	242.1853	3.7650	39.2724	50.7802	0.2441
29/12/2022	88.7271	0.3415	0.6310	1.1313	7.0161	240.3343	2.7835	39.6930	50.9324	0.2935
30/12/2022	89.9255	0.4526	0.7864	1.3714	5.8925	241.2465	2.2969	39.0987	50.6315	0.4978
31/12/2022	91.6808	0.3163	1.0512	1.3929	5.5715	240.4771	2.3800	38.9271	50.4909	0.3045
Mínimo	88.7271	0.0089	0.6310	0.9351	0.5723	238.7999	1.6885	37.3714	49.5381	0.0102

Observaciones: