

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Valores promedio diarios)

PERMISIONARIO:	ARGUELLES PIPELINE S. DE. R.L. DE C.V.
PUNTO DE MEDICIÓN:	CARRETERA FEDERAL REYNOSA NUEVO LAREDO KM. 20+100, EJIDO REYNOSA DIAS, CP 88790, REYNOSA TAMP.
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/m3)	Poder Calorífico (MJ/m3)	Índice Wobbe (MJ/m3)	Acido Sulfhídrico (mg/m3)	Azufre total* (mg/m3)	Oxígeno* (% vol)
01/12/2019	95.1018	1.0631	0.2366	0.6499	3.2885	265.4900	21.034831	38.5072	50.2756	0.5240313	1.8405052	0.0000
02/12/2019	93.0896	0.8809	0.3336	0.6073	5.4138	264.1450	20.945283	39.1017	50.6981	0.2593679	1.4344094	0.0000
03/12/2019	91.3915	0.8099	0.3369	0.5734	7.1560	255.0518	21.032436	39.6355	51.0483	0.3785956	2.2339337	0.0000
04/12/2019	91.4837	0.8454	0.3353	0.5904	7.0266	254.0991	21.01493	39.5924	51.0004	0.3431839	2.577745	0.0000
05/12/2019	91.7909	0.8824	0.3296	0.6060	6.7020	255.8945	21.000706	39.4779	50.9128	0.1638729	2.9207029	0.0000
06/12/2019	91.7316	0.8599	0.3386	0.5992	6.7831	255.0741	21.020277	39.4961	50.9346	0.1841582	2.7995278	0.0000
07/12/2019	91.8678	0.9080	0.3063	0.6072	6.6330	251.9105	21.032145	39.4498	50.8899	0.1298047	1.0423217	0.0000
08/12/2019	91.9341	0.8153	0.3622	0.5887	6.6338	253.0333	21.013746	39.4405	50.9231	0.4416722	1.7435955	0.0000
09/12/2019	95.2749	0.9518	0.2505	0.6012	3.1821	252.3356	30.787905	38.5103	50.3482	0.616362	2.2285174	0.0000
10/12/2019	93.0082	0.9011	0.2736	0.5874	4.5625	254.0740	31.812031	39.5599	50.9657	1.3484896	1.7330345	0.0000
11/12/2019	92.3808	0.8246	0.3526	0.5886	5.3694	255.4657	31.842478	39.6589	51.0398	0.9934226	0.8514159	0.0000
12/12/2019	91.2582	0.9411	0.3082	0.6246	7.0143	261.3368	31.782937	39.7065	51.0107	0.8785682	1.6591789	0.0000
13/12/2019	91.4297	0.9039	0.3019	0.6029	7.0159	260.3229	31.723455	39.6259	50.9940	0.9580605	1.4699285	0.0000
14/12/2019	91.3057	0.9141	0.3052	0.6097	7.1702	259.1290	31.661776	39.6337	50.9902	1.0345657	2.2726423	0.0000
15/12/2019	91.5149	0.9001	0.3156	0.6079	6.9585	259.1753	31.649036	39.5811	50.9651	1.0968684	2.4309264	0.0000
16/12/2019	91.6688	0.8906	0.3204	0.6055	6.8280	260.3006	33.81173	39.5285	50.9398	1.2784563	1.7045954	0.0000
17/12/2019	91.9831	0.8953	0.3210	0.6082	6.5217	256.4642	33.67826	39.4288	50.8798	1.0160808	0.5647589	0.0000
18/12/2019	92.3053	0.8409	0.3335	0.5872	6.2406	257.6808	34.099176	39.3639	50.8746	0.9577295	0.70102	0.0000
19/12/2019	92.1660	0.8204	0.3769	0.5986	6.3544	257.0489	34.034942	39.3896	50.8837	0.7303987	1.5050218	0.0000
20/12/2019	91.9819	0.8563	0.3573	0.6068	6.5559	257.8346	34.047688	39.4188	50.8847	0.9182493	2.1402508	0.0000
21/12/2019	91.8239	0.8776	0.3460	0.6118	6.7075	256.7113	33.999064	39.4553	50.8959	0.4666405	0.5697392	0.0000
22/12/2019	93.5340	0.9123	0.3358	0.6240	4.9842	256.0996	32.958762	38.9471	50.5874	0.7758245	0.2847579	0.0000
23/12/2019	93.8566	0.9156	0.3323	0.6239	4.6458	257.1894	24.585033	38.8621	50.5380	1.2414826	0.5111818	0.0000
24/12/2019	93.4859	0.9818	0.2781	0.6299	5.0045	258.2979	23.463163	38.9648	50.5756	1.2846716	1.8220432	0.0000
25/12/2019	93.2943	1.2114	0.1750	0.6932	5.0398	259.3997	23.072359	38.9697	50.4672	1.9687044	2.4299496	0.0000
26/12/2019	93.7475	1.1734	0.1959	0.6846	4.6113	266.8805	21.705308	38.8484	50.4142	1.3360552	1.5909153	0.0000
27/12/2019	93.6924	1.1692	0.2067	0.6880	4.6789	267.3810	21.559945	38.8481	50.4122	1.2298655	1.737605	0.0000
28/12/2019	93.4995	1.2172	0.1813	0.6992	4.8332	265.8698	21.559673	38.8983	50.4195	1.5174337	2.1224492	0.0000
29/12/2019	93.3373	1.2378	0.1779	0.7078	4.9806	267.4116	20.411008	38.9363	50.4287	1.4447401	1.2605617	0.0000
30/12/2019	93.1477	1.2293	0.1753	0.7023	5.1772	268.0223	16.805191	38.9971	50.4705	1.8979625	1.7526245	0.0000
31/12/2019	90.4424	1.1882	0.1683	0.6782	7.9512	267.6448	16.576046	39.7918	50.9553	1.8859812	1.8119784	0.0000

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

Mínimo	90.4424	0.8099	0.1683	0.5734	3.1821	251.9105	16.5760	38.5072	50.2756	0.1298		
Promedio	92.5332	0.9619	0.2893	0.6256	5.8718	259.2508	26.3136	39.2783	50.7620	0.9452		
Máximo	95.2749	1.2378	0.3769	0.7078	7.9512	268.0223	34.0992	39.7918	51.0483	1.9687		
Desv. Est.	1.134380693	0.140107889	0.064738953	0.039527142	1.184937571	4.901060721	6.020950914	0.356394219	0.245966103	0.508730087		

Observaciones: INFORME MENSUAL DE VALORES PROMEDIO DIARIOS DEL MES DE DICIEMBRE 2019

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Registros máximos diarios)



PERMISIONARIO: ARGUELLES PIPELINE S. DE. R.L. DE C.V.
PUNTO DE MEDICIÓN: CARRETERA FEDERAL REYNOSA NUEVO LAREDO KM. 20+100, EJIDO REYNOSA DIAS, CP 88790, REYNOSA TAMP.
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)
01/12/2019	96.0260	1.2151	0.3126	0.7639	3.9197	273.3068	21.04001375	38.6699	50.3956	0.631478654
02/12/2019	95.1584	0.9337	0.3812	0.6574	7.6364	270.4279	21.06008625	39.7497	51.0772	0.364973233
03/12/2019	91.6929	0.8517	0.3677	0.6097	7.5361	265.1949	21.04143125	39.7486	51.1031	0.491238851
04/12/2019	92.3752	0.8952	0.3579	0.6265	7.2785	263.9795	21.023485	39.6808	51.0655	0.475863811
05/12/2019	93.8344	0.9051	0.3466	0.6258	7.2656	264.4784	21.00835042	39.6338	50.9903	0.286543497
06/12/2019	92.0810	0.9106	0.3574	0.6340	7.1964	262.3909	21.02738167	39.6040	50.9745	0.287292073
07/12/2019	92.8333	0.9456	0.3324	0.6390	7.3906	258.0151	21.03969875	39.6566	51.0113	0.243995952
08/12/2019	93.2897	0.8831	0.4787	0.6809	7.0292	261.0595	21.02151042	39.5392	50.9579	0.608512171
09/12/2019	96.1431	1.1536	0.3179	0.7358	7.1236	260.5745	31.22459667	39.5679	50.9754	0.977887288
10/12/2019	95.5587	0.9873	0.3217	0.6545	6.3446	260.1603	31.81864583	40.6365	51.5236	1.6427281
11/12/2019	95.0255	1.2595	0.4872	0.8733	7.1270	262.8156	31.84988917	40.6991	51.5558	1.402908517
12/12/2019	91.8193	0.9949	0.3391	0.6670	7.5823	271.8501	31.79748833	40.3798	51.3608	1.084508344
13/12/2019	92.0417	0.9295	0.3134	0.6215	7.5337	275.1966	31.73958958	39.7642	51.0875	1.136887017
14/12/2019	91.5815	0.9350	0.3163	0.6257	7.5699	270.1867	31.67828708	39.7553	51.0683	1.194389096
15/12/2019	91.8392	0.9481	0.3334	0.6408	7.2027	270.7145	31.66302125	39.6472	50.9838	1.26214309
16/12/2019	92.0540	0.9023	0.3331	0.6177	7.3224	265.9584	33.90263625	39.6618	51.0104	1.490565424
17/12/2019	92.9274	0.9150	0.3516	0.6333	7.1006	265.3466	34.05632125	39.5917	50.9616	1.290640298
18/12/2019	93.2095	0.8741	0.3611	0.6176	6.8529	271.3610	34.11016	39.5191	50.9599	1.084306757
19/12/2019	93.0932	0.8891	0.4501	0.6696	7.0631	261.9464	34.04403333	39.5940	51.0080	0.846398805
20/12/2019	92.7899	0.9270	0.3777	0.6523	7.0614	261.8537	34.05408125	39.5429	50.9300	1.212274027
21/12/2019	92.2574	0.9109	0.3722	0.6415	7.2090	259.3335	34.06966792	39.6059	50.9960	0.763636863
22/12/2019	94.1968	0.9375	0.3521	0.6448	7.0868	259.0811	33.58207708	39.5683	50.9659	1.206441275
23/12/2019	94.5195	0.9468	0.3531	0.6499	5.0570	263.0692	24.81466675	38.9941	50.6090	1.818281453
24/12/2019	93.7593	1.2073	0.3390	0.7732	5.4927	263.6497	23.471595	39.0939	50.5987	1.478380198
25/12/2019	93.4373	1.2307	0.1921	0.7114	5.1958	265.9494	23.29972167	39.0042	50.4831	2.215692473
26/12/2019	94.1612	1.2323	0.2745	0.7534	5.1118	270.1330	21.72894208	38.9960	50.4817	1.516850149
27/12/2019	94.0387	1.2590	0.2771	0.7681	4.8699	271.5776	21.56623292	38.9155	50.4058	1.412655653
28/12/2019	93.8278	1.2519	0.2560	0.7539	4.9178	270.7404	21.56544542	38.9449	50.4599	1.753329031
29/12/2019	93.5208	1.2571	0.1806	0.7189	5.0601	271.1469	20.70902167	38.9561	50.4402	1.7112332
30/12/2019	93.3237	1.2543	0.1775	0.7159	5.4495	271.2249	16.96731077	39.0504	50.4905	2.046751776
31/12/2019	93.2505	1.2157	0.1754	0.6955	8.6576	271.9912	16.57937346	40.0083	51.0905	2.058564072
Máximo	96.1431	1.2595	0.4872	0.8733	8.6576	275.1966	34.0880	40.6991	51.5558	2.2157

Observaciones: INFORME MENSUAL DE REGISTROS MAXIMOS DIARIOS DEL MES DE DICIEMBRE 2019

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Registros mínimos diarios)



PERMISIONARIO: ARGUELLES PIPELINE S. DE. R.L. DE C.V.
PUNTO DE MEDICIÓN: CARRETERA FEDERAL REYNOSA NUEVO LAREDO KM. 20+100, EJIDO REYNOSA DIAS, CP 88790, REYNOSA TAMP.
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)
01/12/2019	94.5714	0.9205	0.1765	0.5485	2.2801	261.1346	21.01621083	38.1792	50.0105	0.313186776
02/12/2019	90.8663	0.7879	0.3062	0.5470	3.3305	257.2809	20.64841917	38.4710	50.3090	0.109760103
03/12/2019	90.9844	0.7762	0.3196	0.5479	6.8622	249.5375	21.02357833	39.5370	50.9945	0.154141701
04/12/2019	91.2365	0.8170	0.3236	0.5703	6.1257	248.8263	21.00604042	39.3086	50.8233	0.085128053
05/12/2019	91.2001	0.8461	0.3169	0.5815	4.6658	251.3571	20.99344042	38.8749	50.5633	-0.036333168
06/12/2019	91.2921	0.8132	0.3138	0.5635	6.4579	251.6473	21.013335	39.3954	50.8834	0.060790786
07/12/2019	91.1186	0.8471	0.2787	0.5629	5.6157	248.5199	21.02466917	39.1733	50.7174	0.027533258
08/12/2019	91.5344	0.5309	0.3169	0.4239	5.4379	248.6381	21.01393438	39.1551	50.9044	0.161778077
09/12/2019	91.4347	0.8534	0.2112	0.5323	2.4379	244.3683	30.75660875	38.2761	50.2387	0.397145479
10/12/2019	90.3152	0.7673	0.2358	0.5015	2.8867	247.2836	31.80541583	38.4076	50.2795	1.118274159
11/12/2019	90.2061	0.6646	0.2687	0.4666	3.0583	246.8850	31.8351425	38.8778	50.6847	0.709884378
12/12/2019	89.9524	0.8984	0.2614	0.5799	6.5757	253.9440	31.77088542	39.4770	50.8734	0.697606014
13/12/2019	90.9513	0.8781	0.2930	0.5855	6.4385	253.8036	31.70698417	39.4345	50.8785	0.705374623
14/12/2019	90.9053	0.8808	0.2844	0.5826	6.8904	252.4461	31.64521792	39.5552	50.9410	0.69712786
15/12/2019	91.8392	0.8580	0.3028	0.5804	6.6461	252.2656	31.63592833	39.5083	50.9350	0.767497128
16/12/2019	91.1654	0.8546	0.3146	0.5846	6.4308	256.2397	33.77967542	39.4576	50.9184	0.859985286
17/12/2019	91.4049	0.8751	0.2979	0.5865	5.5810	250.8775	33.10772792	39.1901	50.7591	0.705687363
18/12/2019	91.7069	0.8079	0.2912	0.5495	5.3220	251.7399	34.08804583	39.1334	50.7631	0.796756311
19/12/2019	91.4821	0.7110	0.3448	0.5279	5.4161	251.5922	34.02617167	39.1457	50.7746	0.555980167
20/12/2019	91.4518	0.7977	0.3224	0.5601	5.7771	254.6252	34.04136167	39.2244	50.8077	0.727285787
21/12/2019	91.3566	0.8589	0.3141	0.5865	6.2511	251.8666	33.817245	39.3343	50.8157	0.321779336
22/12/2019	91.4723	0.8714	0.3195	0.5954	4.3210	250.6810	32.26350458	38.7612	50.4873	0.532337335
23/12/2019	93.4315	0.8812	0.3045	0.5928	3.9647	250.8792	24.35299417	38.6696	50.4122	0.897608484
24/12/2019	93.0007	0.8742	0.1785	0.5264	4.7653	253.8004	23.45459083	38.8805	50.5466	1.088455491
25/12/2019	93.1449	1.1868	0.1694	0.6781	4.9107	255.1383	22.72759417	38.9270	50.4520	1.609415783
26/12/2019	93.2117	1.0278	0.1698	0.5988	4.2128	264.1233	21.34285125	38.7445	50.3795	1.11694207
27/12/2019	93.4125	0.9387	0.1778	0.5582	4.5238	262.5870	21.55362708	38.7873	50.4738	0.96005526
28/12/2019	93.4354	0.9660	0.1748	0.5704	4.7014	258.2061	21.55379042	38.8674	50.5283	1.222716242
29/12/2019	93.2672	1.2160	0.1741	0.6951	4.7513	258.7129	20.05023417	38.8976	50.4026	1.186150476
30/12/2019	92.8911	1.2142	0.1719	0.6931	4.9982	265.2505	16.76536346	38.9285	50.4205	1.672632885
31/12/2019	89.7489	1.1652	0.1654	0.6653	5.1023	261.9668	16.57259962	38.9743	50.4710	1.625891776
Mínimo	89.7489	0.5309	0.1654	0.4239	2.2801	244.3683	16.5726	38.1792	50.0105	-0.0363

Observaciones:

INFORME MENSUAL DE REGISTROS MINIMOS DIARIOS DEL MES DE DICIEMBRE 2019