

**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 Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
01/09/2017	93.5271	1.0599	0.3389	0.6994	4.6292	266.1500	14.4920	39.0356	50.5332	-0.0202475		
02/09/2017	92.7067	1.0350	0.3468	0.6909	5.4316	267.7611	14.4912	39.2854	50.6893	-0.0177016		
03/09/2017	92.0986	1.0548	0.3002	0.6775	6.0378	270.9833	14.4952	39.4742	50.8043	-0.0172474		
04/09/2017	91.4269	1.0308	0.3392	0.6850	6.6732	270.3722	14.5194	39.6611	50.9095	-0.0201125		
05/09/2017	91.4136	1.0346	0.3463	0.6904	6.6569	271.0944	14.5193	39.6668	50.9069	-0.019182		
06/09/2017	91.2828	1.0704	0.2808	0.6756	6.8442	268.7611	14.5133	39.6957	50.9286	-0.0183755		
07/09/2017	90.9440	1.0365	0.2861	0.6613	7.2095	268.9278	14.5172	39.8003	51.0086	-0.0192901		
08/09/2017	91.3428	1.1049	0.2324	0.6687	6.8359	270.3167	14.5379	39.6620	50.9079	-0.0190804		
09/09/2017	91.5232	1.0828	0.1495	0.6162	6.7987	269.4278	14.5176	39.6665	50.9625	-0.0190496		
10/09/2017	92.3897	1.0129	0.2244	0.6186	5.8438	270.3167	14.5177	39.4710	50.8648	-0.0187848		
11/09/2017	92.5711	1.0230	0.2127	0.6178	5.6674	269.9278	14.5145	39.4192	50.8337	-0.0164871		
12/09/2017	92.6427	1.0389	0.1448	0.5918	5.7070	268.2056	14.5022	39.3971	50.8412	-0.0155509		
13/09/2017	93.3101	1.0492	0.1895	0.6193	5.0144	267.3167	14.4852	39.1694	50.6845	-0.0156854		
14/09/2017	93.2900	1.0235	0.2663	0.6449	4.9811	270.3167	14.4931	39.1566	50.6599	-0.0185953		
15/09/2017	93.5544	1.0598	0.1945	0.6271	4.7714	270.4278	14.4945	39.0954	50.6326	-0.0183482		
16/09/2017	93.1421	1.0133	0.2971	0.6552	5.0881	270.3167	14.4950	39.1989	50.6771	-0.0185092		
17/09/2017	93.2082	0.9783	0.3254	0.6519	5.0253	268.8722	14.4893	39.1879	50.6820	-0.0176683		
18/09/2017	93.2981	0.9587	0.3130	0.6358	4.9778	269.0389	14.4882	39.1771	50.6949	-0.0154025		
19/09/2017	93.3778	0.9520	0.3219	0.6370	4.8774	267.2611	14.4884	39.1686	50.6904	-0.0181301		
20/09/2017	93.7725	0.9961	0.3044	0.6502	4.4354	268.6500	14.4875	39.0527	50.6018	-0.0193031		
21/09/2017	94.5142	1.0192	0.2877	0.6535	3.7428	270.8722	14.4890	38.8053	50.4522	-0.0189372		
22/09/2017	95.6915	0.8834	0.3593	0.6214	2.6174	269.8722	14.4956	38.5319	50.3565	-0.0199553		
23/09/2017	95.9253	0.9027	0.3433	0.6230	2.3847	269.7056	14.5004	38.4688	50.3141	-0.020652		
24/09/2017	95.5459	0.9601	0.4038	0.6819	2.6263	270.4278	14.4926	38.5079	50.2693	-0.0205601		
25/09/2017	95.6921	0.8960	0.4317	0.6638	2.5175	269.7056	14.4915	38.4868	50.2888	-0.0207166		
26/09/2017	95.8599	0.8282	0.4588	0.6435	2.3616	269.5389	14.5057	38.4909	50.3255	-0.0144189		
27/09/2017	95.7461	0.8257	0.5465	0.6861	2.3561	270.4278	14.5079	38.4981	50.2910	-0.0044096		
28/09/2017	95.5282	0.7742	0.6223	0.6983	2.5631	270.9833	14.5273	38.5375	50.3149	-0.0044132		
29/09/2017	95.7208	0.8548	0.5492	0.7020	2.4735	265.2056	14.5143	38.3886	50.2079	0.0045495		
30/09/2017	95.3616	0.8617	0.5946	0.7282	2.7203	269.8722	14.5202	38.4774	50.2334	-0.0213931		

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

<b>Mínimo</b>	90.9440	0.7742	0.1448	0.5918	2.3561	265.2056	14.4852	38.3886	50.2079	-0.0214		
<b>Promedio</b>	93.5469	0.9807	0.3337	0.6572	4.6623	269.3685	14.5034	39.0878	50.6189	-0.0168		
<b>Máximo</b>	95.9253	1.1049	0.6223	0.7282	7.2095	271.0944	14.5379	39.8003	51.0086	0.0045		
<b>Desv. Est.</b>	1.61529337	0.086264563	0.120653591	0.032144856	1.610711372	1.428468152	0.01401676	0.452268066	0.249560985	0.005546676		

Observaciones: INFORME MENSUAL DE VALORES PROMEDIO DIARIOS DEL MES DE SEPTIEMBRE 2017

**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 <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )
01/09/2017	94.2032	1.1325	0.4299	0.7812	5.1598	266.1500	14.5470	39.2389	50.6951	0.0115653
02/09/2017	93.0476	1.0937	0.3963	0.7450	5.8953	267.7611	14.5398	39.4650	50.7906	0.00315416
03/09/2017	93.0494	1.1012	0.3639	0.7325	6.6529	270.9833	14.5367	39.6718	50.9121	0.0157208
04/09/2017	91.6244	1.0704	0.3750	0.7227	6.9175	270.3722	14.5578	39.7218	50.9312	0.013668
05/09/2017	91.6517	1.0764	0.3779	0.7272	6.8890	271.0944	14.5605	39.7240	50.9397	0.0132174
06/09/2017	91.5698	1.1524	0.3476	0.7500	7.2708	268.7611	14.5581	39.8246	51.0034	0.031041
07/09/2017	91.8296	1.1349	0.3680	0.7515	7.8317	268.9278	14.5827	39.9889	51.1472	0.0084111
08/09/2017	91.7373	1.2534	0.3428	0.7981	7.3730	270.3167	14.5714	39.8592	51.0275	0.0170725
09/09/2017	91.9857	1.1516	0.2095	0.6806	7.2672	269.4278	14.5783	39.7631	50.9961	0.0222293
10/09/2017	92.7421	1.0645	0.2540	0.6592	6.3830	270.3167	14.5830	39.6133	50.9726	0.0154704
11/09/2017	92.9384	1.0636	0.2377	0.6506	6.0447	269.9278	14.5839	39.5228	50.8962	0.0313914
12/09/2017	92.9199	1.0878	0.2093	0.6486	5.9705	268.2056	14.5638	39.4773	50.8869	0.0376998
13/09/2017	95.5253	1.1084	0.2736	0.6910	5.6086	267.3167	14.5524	39.3395	50.7867	0.0209777
14/09/2017	93.5159	1.0763	0.3459	0.7111	5.1572	270.3167	14.5533	39.2519	50.7319	0.00125165
15/09/2017	93.9283	1.0849	0.2419	0.6634	5.0571	270.4278	14.5449	39.1714	50.6649	0.0517183
16/09/2017	93.4408	1.0854	0.3625	0.7239	5.3857	270.3167	14.5439	39.2914	50.7271	0.0103637
17/09/2017	93.3726	1.0302	0.3576	0.6939	5.1870	268.8722	14.5320	39.2609	50.7368	0.0303901
18/09/2017	93.4629	1.0019	0.3352	0.6685	5.1684	269.0389	14.5361	39.2374	50.7291	0.019676
19/09/2017	93.6252	1.0346	0.3985	0.7166	5.2892	267.2611	14.5357	39.3298	50.8582	0.00165218
20/09/2017	93.9389	1.1074	0.3427	0.7250	4.5759	268.6500	14.5323	39.1122	50.6206	0.0057576
21/09/2017	95.1585	1.0778	0.3237	0.7008	4.5740	270.8722	14.5357	39.0492	50.5463	0.00801057
22/09/2017	95.9511	0.9543	0.4197	0.6870	3.2266	269.8722	14.5465	38.7262	50.4690	0.00630833
23/09/2017	96.1515	0.9695	0.4134	0.6915	2.9889	269.7056	14.5477	38.5906	50.3282	0.0121661
24/09/2017	95.9315	1.1023	0.4657	0.7840	2.9467	270.4278	14.5411	38.6226	50.3313	0.00375496
25/09/2017	95.9014	1.1426	0.5084	0.8255	2.7419	269.7056	14.5315	38.5693	50.3560	-0.00135178
26/09/2017	96.0279	0.9519	0.5286	0.7403	2.4910	269.5389	14.5383	38.5362	50.3458	0.0437578
27/09/2017	95.9862	0.9929	0.5920	0.7924	2.6282	270.4278	14.5377	38.5667	50.3047	0.0459607
28/09/2017	95.7831	0.8768	0.6766	0.7767	2.6839	270.9833	14.5537	38.5839	50.3092	0.0569752
29/09/2017	95.8633	0.8742	0.5724	0.7233	2.5727	265.2056	14.5548	38.4617	50.2279	0.751192
30/09/2017	95.6167	0.8925	0.6341	0.7633	2.9187	269.8722	14.5567	38.6018	50.3101	0.0025033
<b>Máximo</b>	96.1515	1.2534	0.6766	0.8255	7.8317	271.0944	14.5043	39.9889	51.1472	0.7512

Observaciones:

INFORME MENSUAL DE REGISTROS MAXIMOS DIARIOS DEL MES DE SEPTIEMBRE 2017

**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 <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulhídrico (mg/m <sup>3</sup> )
01/09/2017	93.0090	0.9540	0.2931	0.6236	4.0296	266.1500	14.4011	38.8462	50.4439	-0.0268354
02/09/2017	92.2141	0.9641	0.3095	0.6368	5.0017	267.7611	14.4046	39.1666	50.6148	-0.0253835
03/09/2017	91.4163	1.0085	0.2516	0.6301	5.1598	270.9833	14.4068	39.1908	50.6456	-0.0236312
04/09/2017	91.1556	0.9781	0.3017	0.6399	6.5115	270.3722	14.4718	39.6141	50.8982	-0.0251332
05/09/2017	91.2107	0.9838	0.2859	0.6349	6.3620	271.0944	14.4334	39.5858	50.8655	-0.024983
06/09/2017	90.8271	1.0074	0.1503	0.5788	6.6280	268.7611	14.4417	39.5936	50.8842	-0.0246826
07/09/2017	90.3288	0.9337	0.1569	0.5453	6.4412	268.9278	14.4204	39.5377	50.8562	-0.0267854
08/09/2017	90.7218	1.0155	0.1354	0.5755	6.4387	270.3167	14.5043	39.4595	50.7516	-0.0251832
09/09/2017	91.0520	1.0098	0.1226	0.5662	6.3284	269.4278	14.4328	39.5750	50.9359	-0.0263348
10/09/2017	91.9301	0.9659	0.1878	0.5768	5.4836	270.3167	14.4265	39.3268	50.7599	-0.028037
11/09/2017	92.2412	0.9706	0.1744	0.5725	5.3187	269.9278	14.4106	39.3104	50.7609	-0.0268354
12/09/2017	92.3607	0.9955	0.1201	0.5578	5.4737	268.2056	14.3688	39.3291	50.8097	-0.0260344
13/09/2017	92.7292	0.9436	0.1399	0.5417	2.8427	267.3167	14.3754	38.5582	50.3694	-0.0253835
14/09/2017	93.1525	0.9181	0.1757	0.5469	4.7704	270.3167	14.4002	39.0969	50.6315	-0.025784
15/09/2017	93.2497	1.0056	0.1596	0.5826	4.3928	270.4278	14.4076	39.0153	50.6054	-0.0249329
16/09/2017	92.8260	0.9603	0.2340	0.5972	4.8097	270.3167	14.4135	39.0910	50.5982	-0.0248328
17/09/2017	93.0433	0.9190	0.2851	0.6020	4.8962	268.8722	14.4102	39.1446	50.6679	-0.0244823
18/09/2017	93.1249	0.9150	0.2977	0.6064	4.8029	269.0389	14.4111	39.1163	50.6525	-0.0248328
19/09/2017	93.0416	0.7906	0.2699	0.5303	4.5774	267.2611	14.4178	39.0369	50.5667	-0.0249329
20/09/2017	93.5652	0.8795	0.2730	0.5763	4.3221	268.6500	14.4079	38.9967	50.5888	-0.0247827
21/09/2017	93.5638	0.9560	0.2654	0.6107	3.0961	270.8722	14.4172	38.6025	50.3233	-0.0248328
22/09/2017	95.0958	0.8350	0.2726	0.5538	2.3639	269.8722	14.4252	38.4725	50.3351	-0.0254336
23/09/2017	95.2403	0.8512	0.2945	0.5728	2.1747	269.7056	14.4320	38.4207	50.3064	-0.0260344
24/09/2017	95.1978	0.8540	0.3247	0.5894	2.2830	270.4278	14.4230	38.4061	50.2275	-0.0255337
25/09/2017	95.4997	0.7447	0.3503	0.5475	2.2752	269.7056	14.4263	38.3413	50.1628	-0.024983
26/09/2017	95.6951	0.7644	0.3966	0.5805	2.2014	269.5389	14.4569	38.4225	50.3014	-0.0243822
27/09/2017	95.4368	0.7401	0.5125	0.6263	2.1568	270.4278	14.4455	38.4177	50.2436	-0.0239817
28/09/2017	95.3593	0.7058	0.5487	0.6273	2.2924	270.9833	14.4734	38.4374	50.2229	-0.0247827
29/09/2017	95.5255	0.8342	0.5195	0.6768	2.3896	265.2056	14.4471	38.3491	50.2041	-0.0268354
30/09/2017	95.0841	0.8074	0.5542	0.6808	2.5389	269.8722	14.4598	38.3737	50.1790	-0.0259342
<b>Mínimo</b>	90.3288	0.7058	0.1201	0.5303	2.1568	265.2056	14.3688	38.3413	50.1628	-0.0280

Observaciones:

INFORME MENSUAL DE REGISTROS MINIMOS DIARIOS DEL MES DE SEPTIEMBRE 2017