

**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)
01/11/2016	96.431713	0.7872484	0.3616314	0.5744	2.1491683	265.0944	75.4096	38.520024	50.668776	0.2000	0.0000	0.0000
02/11/2016	96.3502	0.8243	0.3506	0.5874	2.1839	260.0000	73.4863	38.5375	50.6577	0.2600		
03/11/2016	96.4670	0.8485	0.2669	0.5577	2.1500	261.5640	69.5452	38.5351	50.6781	0.3100		
04/11/2016	95.1588	1.0606	0.2329	0.6467	3.2652	258.4852	75.4096	38.8091	50.7022	0.2000		
05/11/2016	95.5027	1.0517	0.2017	0.6267	2.9561	265.0944	70.2368	38.7402	50.6830	0.2600		
06/11/2016	95.5201	0.9901	0.3131	0.6516	2.8923	263.4560	75.4096	38.6968	50.6501	0.4200		
07/11/2016	95.2492	1.0162	0.3390	0.6776	3.1090	265.0944	73.4863	38.7416	50.6457	0.6300		
08/11/2016	95.4218	1.0517	0.2443	0.6480	3.0170	261.5640	75.4096	38.7220	50.6532	0.6000		
09/11/2016	95.8632	0.9037	0.3565	0.6301	2.6140	265.0944	69.5452	38.6101	50.6409	0.2000		
10/11/2016	96.1975	0.9494	0.3707	0.6600	2.2281	258.4852	75.4096	38.4655	50.5191	0.5200		
11/11/2016	96.1232	0.9243	0.3738	0.6491	2.3293	263.4560	70.2368	38.5001	50.5552	0.2600		
12/11/2016	95.987854	0.9152202	0.3845377	0.6499	2.465615	265.0944	75.4096	38.537221	50.578144	1.0900		
13/11/2016	95.7774	0.9759	0.3226	0.6492	2.6592	261.5640	71.6540	38.6112	50.6066	0.4200		
14/11/2016	95.9263	0.8999	0.4015	0.6507	2.5086	265.0944	73.4863	38.5625	50.5954	0.2000		
15/11/2016	95.8066	0.9428	0.3963	0.6696	2.5850	258.4852	69.5452	38.5761	50.5756	0.3100		
16/11/2016	95.7001	0.9419	0.4165	0.6792	2.6661	265.0944	75.4096	38.5971	50.5790	0.5200		
17/11/2016	96.0295	0.8429	0.4571	0.6500	2.3890	260.0000	70.2368	38.5394	50.5965	0.2600		
18/11/2016	95.9842	0.8474	0.4419	0.6447	2.4572	261.5640	75.4096	38.5539	50.6088	0.6000		
19/11/2016	95.7550	0.8286	0.5204	0.6745	2.6058	265.0944	71.6540	38.5876	50.6051	0.2000		
20/11/2016	95.6772	0.9774	0.3517	0.6645	2.7358	265.0944	69.5452	38.6156	50.5947	0.4200		
21/11/2016	95.9264	0.8535	0.4649	0.6592	2.4900	258.4852	73.4863	38.5506	50.5920	0.3100		
22/11/2016	95.2129	1.0152	0.3623	0.6887	3.1350	263.4560	75.4096	38.7281	50.6281	0.6300		
23/11/2016	95.0091	1.0921	0.3370	0.7146	3.2762	261.5640	70.2368	38.7559	50.6021	0.2600		
24/11/2016	95.6784	1.0313	0.2635	0.6474	2.7597	265.0944	69.5452	38.6450	50.6144	0.2000		
25/11/2016	95.7968	0.9733	0.2791	0.6262	2.6935	265.0944	75.4096	38.6334	50.6412	0.5200		
26/11/2016	94.5444	0.9918	0.2930	0.6424	3.5174	258.4852	71.6540	39.1378	50.9091	0.4200		
27/11/2016	93.3847	1.0116	0.2763	0.6439	4.0842	260.0000	70.2368	39.7457	51.2462	0.6000		
28/11/2016	95.7059	0.9663	0.3156	0.6409	2.7402	265.0944	73.4863	38.6468	50.6369	0.2600		
29/11/2016	95.8698	0.9107	0.3356	0.6231	2.5912	261.5640	75.4096	38.6303	50.6571	0.2000		
30/11/2016	96.1439	0.8284	0.3973	0.6128	2.3353	260.0000	69.5452	38.5612	50.6469	0.3100		

\*/ 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>	93.3847	0.7872	0.2017	0.5577	2.1492	258.4852	69.5452	38.4655	50.5191	0.2000		
<b>Promedio</b>	95.6572	0.9457	0.3459	0.6458	2.7329	262.5280	72.7865	38.6735	50.6525	0.3890		
<b>Máximo</b>	96.4670	1.0921	0.5204	0.7146	4.0842	265.0944	75.4096	39.7457	51.2462	1.0900		
<b>Desv. Est.</b>	0.596244686	0.081105529	0.071815181	0.03151974	0.427825578	2.544733973	2.430187867	0.235892905	0.128023101	0.197576708		

Observaciones:

INFORME MENSUAL DE VALORES PROMEDIO DIARIOS DEL MES DE NOVIEMBRE 2016

**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> )
01/11/2016	96.5692	0.868379	0.419035	0.6437	2.27042	265.0944	75.4096	38.55122282	50.66786822	0.2000
02/11/2016	96.7957	0.9898	0.4203	0.7050	2.6024	260.0000	73.4863	38.6478	50.6685	0.2600
03/11/2016	96.7929	1.0027	0.3210	0.6619	2.7156	261.5640	69.5452	38.6486	50.6404	0.3100
04/11/2016	95.7165	1.1673	0.3072	0.7372	3.7448	258.4852	75.4096	38.9128	50.6994	0.2000
05/11/2016	96.2881	1.2911	0.2962	0.7936	4.0858	265.0944	70.2368	38.9967	50.6885	0.2600
06/11/2016	96.0594	1.0820	0.4821	0.7820	3.2383	263.4560	75.4096	38.7944	50.6607	0.4200
07/11/2016	96.3130	1.0959	0.5083	0.8021	3.4643	265.0944	73.4863	38.8482	50.7042	0.6300
08/11/2016	96.1142	1.2859	0.3079	0.7969	3.7669	261.5640	75.4096	38.8884	50.6264	0.6000
09/11/2016	96.3147	1.0274	0.5426	0.7850	2.9704	265.0944	69.5452	38.6967	50.6294	0.2000
10/11/2016	96.7403	1.0607	0.4253	0.7430	2.8953	258.4852	75.4096	38.6677	50.6279	0.5200
11/11/2016	96.4672	1.0327	0.4142	0.7234	2.6241	263.4560	70.2368	38.6069	50.6184	0.2600
12/11/2016	96.535	1.01376	0.529498	0.7716	2.65211	265.0944	75.4096	38.59632956	50.59565757	1.0900
13/11/2016	96.3508	1.2428	0.3797	0.8113	3.3013	261.5640	71.6540	38.7253	50.5373	0.4200
14/11/2016	96.3159	1.0502	0.4526	0.7514	2.9034	265.0944	73.4863	38.6625	50.5910	0.2000
15/11/2016	96.0795	1.0644	0.4960	0.7802	2.9090	258.4852	69.5452	38.6685	50.5952	0.3100
16/11/2016	95.8384	1.0499	0.4589	0.7544	2.8268	265.0944	75.4096	38.6429	50.5732	0.5200
17/11/2016	96.2914	0.9412	0.5247	0.7329	2.5520	260.0000	70.2368	38.5937	50.6117	0.2600
18/11/2016	96.2655	0.9400	0.5557	0.7478	3.5428	261.5640	75.4096	38.8553	50.7591	0.6000
19/11/2016	96.2003	1.0009	0.5930	0.7970	3.4491	265.0944	71.6540	38.8343	50.7535	0.2000
20/11/2016	95.9727	1.0448	0.4872	0.7660	3.0450	265.0944	69.5452	38.7008	50.6238	0.4200
21/11/2016	96.6958	1.0563	0.7096	0.8830	2.9160	258.4852	73.4863	38.6734	50.5962	0.3100
22/11/2016	95.6074	1.0883	0.4192	0.7537	3.5135	263.4560	75.4096	38.8271	50.6580	0.6300
23/11/2016	95.3730	1.1077	0.3618	0.7348	3.5142	261.5640	70.2368	38.8264	50.6396	0.2600
24/11/2016	96.0174	1.1379	0.3174	0.7277	2.9918	265.0944	69.5452	38.6978	50.5888	0.2000
25/11/2016	96.0518	1.0261	0.3359	0.6810	2.9813	265.0944	75.4096	38.7136	50.6485	0.5200
26/11/2016	95.8520	1.0760	0.3262	0.7011	6.5473	258.4852	71.6540	41.4422	52.1935	0.4200
27/11/2016	95.7372	1.2974	0.3073	0.8024	6.3353	260.0000	70.2368	41.8489	52.4196	0.6000
28/11/2016	95.9517	1.0584	0.3900	0.7242	2.8709	265.0944	73.4863	38.6839	50.6524	0.2600
29/11/2016	96.6444	1.0929	0.5153	0.8041	3.0656	261.5640	75.4096	38.7294	50.6098	0.2000
30/11/2016	96.7564	0.9768	0.5301	0.7534	2.8555	260.0000	69.5452	38.7038	50.6686	0.3100

<b>Máximo</b>	96.7957	1.2974	0.7096	0.8830	6.5473	265.0944	75.4096	41.8489	52.4196	1.0900
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**Observaciones:** INFORME MENSUAL DE REGISTROS MAXIMOS DIARIOS DEL MES DE NOVIEMBRE 2016

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Registros mínimos diarios)**



<b>PERMISIONARIO:</b>	<b>ARGUELLES PIPELINE S. DE. R.L. DE C.V.</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>CARRETERA FEDERAL REYNOSA NUEVO LAREDO KM. 20+100, EJIDO REYNOSA DIAS, CP 88790, REYNOSA TAMP.</b>
<b>ZONA DE MEDICIÓN:</b>	<b>RESTO DEL PAÍS</b>

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> )
01/11/2016	96.2624	0.729535	0.289141	0.5093	2.04752	265.0944	75.4096	38.49747063	50.68322443	0.2000
02/11/2016	95.8198	0.7577	0.1815	0.4696	1.9348	260.0000	73.4863	38.4674	50.6658	0.2600
03/11/2016	95.7455	0.7645	0.1992	0.4818	1.9134	261.5640	69.5452	38.4742	50.6834	0.3100
04/11/2016	94.6051	0.9663	0.1924	0.5793	2.6903	258.4852	75.4096	38.6309	50.6057	0.2000
05/11/2016	94.1806	0.8601	0.1480	0.5040	2.2553	265.0944	70.2368	38.5828	50.6835	0.2600
06/11/2016	95.1000	0.8758	0.2074	0.5416	2.4959	263.4560	75.4096	38.5997	50.6494	0.4200
07/11/2016	94.9136	0.8535	0.1237	0.4886	2.1128	265.0944	73.4863	38.6531	50.6798	0.6300
08/11/2016	94.5236	0.9494	0.1565	0.5530	2.4814	261.5640	75.4096	38.6136	50.6807	0.6000
09/11/2016	95.4284	0.6881	0.2600	0.4740	2.2602	265.0944	69.5452	38.5170	50.6600	0.2000
10/11/2016	95.4996	0.8215	0.3191	0.5703	1.8629	258.4852	75.4096	38.3964	50.5785	0.5200
11/11/2016	95.8116	0.8228	0.3376	0.5802	2.0646	263.4560	70.2368	38.4291	50.5543	0.2600
12/11/2016	95.7923	0.726473	0.327834	0.5272	1.99187	265.0944	75.4096	38.42868286	50.59384686	1.0900
13/11/2016	94.9993	0.8308	0.2111	0.5209	2.2573	261.5640	71.6540	38.5328	50.6653	0.4200
14/11/2016	95.4696	0.8117	0.3077	0.5597	2.1758	265.0944	73.4863	38.4730	50.5831	0.2000
15/11/2016	95.4690	0.8226	0.2892	0.5559	2.3410	258.4852	69.5452	38.5046	50.5717	0.3100
16/11/2016	95.5252	0.8914	0.3405	0.6159	2.5222	265.0944	75.4096	38.5554	50.5632	0.5200
17/11/2016	95.8508	0.7439	0.3976	0.5707	2.1969	260.0000	70.2368	38.4847	50.5980	0.2600
18/11/2016	94.7986	0.7901	0.3787	0.5844	2.2232	261.5640	75.4096	38.4824	50.5935	0.6000
19/11/2016	94.8927	0.7337	0.3606	0.5472	2.3136	265.0944	71.6540	38.5332	50.6521	0.2000
20/11/2016	95.3404	0.8602	0.3047	0.5824	2.4658	265.0944	69.5452	38.5448	50.5853	0.4200
21/11/2016	95.3894	0.5355	0.2666	0.4010	1.8865	258.4852	73.4863	38.4125	50.6380	0.3100
22/11/2016	94.7934	0.9580	0.3198	0.6389	2.7291	263.4560	75.4096	38.6050	50.5514	0.6300
23/11/2016	94.7633	1.0803	0.3049	0.6926	2.9413	261.5640	70.2368	38.6734	50.5703	0.2600
24/11/2016	95.3549	0.9051	0.2195	0.5623	2.5472	265.0944	69.5452	38.6008	50.6609	0.2000
25/11/2016	95.4228	0.8996	0.2346	0.5671	2.5128	265.0944	75.4096	38.5873	50.6513	0.5200
26/11/2016	89.6285	0.9213	0.2544	0.5878	2.6665	258.4852	71.6540	38.6320	50.6650	0.4200
27/11/2016	89.3347	0.9397	0.2368	0.5882	2.6924	260.0000	70.2368	38.6538	50.6504	0.6000
28/11/2016	95.5322	0.9043	0.2376	0.5710	2.5612	265.0944	73.4863	38.6046	50.6486	0.2600
29/11/2016	95.2467	0.6725	0.2301	0.4513	1.9919	261.5640	75.4096	38.4745	50.6888	0.2000
30/11/2016	95.5261	0.6846	0.3348	0.5097	1.8416	260.0000	69.5452	38.4343	50.6330	0.3100

<b>Mínimo</b>	89.3347	0.5355	0.1237	0.4010	1.8629	258.4852	69.5452	38.3964	50.5514	0.2000
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**Observaciones:** INFORME MENSUAL DE REGISTROS MINIMOS DIARIOS DEL MES DE NOVIEMBRE 2016