

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

**PERMISIONARIO:** TAG PIPELINES NORTE  
**PUNTO DE MEDICIÓN:** EC LOS RAMONES NUEVA - 42" RAMONES NORTE  
**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)	
12/1/2018	95.2403	0.9127	0.3299	1.2426	3.3231	256.0800	18.5671	38.4117	50.2839	0.3655	Menor a 10.8	0.0000	0
12/2/2018	95.1915	0.9201	0.2795	1.1995	3.4240	256.2400	18.6642	38.4523	50.3249	0.3368		No Detectado	0
12/3/2018	95.1400	0.8750	0.2636	1.1386	3.5495	255.7800	18.2477	38.4975	50.3897	0.3513			0
12/4/2018	95.1220	0.8844	0.3028	1.1872	3.4832	255.5800	17.9406	38.4862	50.3586	0.3513			0
12/5/2018	95.0270	0.8729	0.3033	1.1762	3.5825	255.4900	18.0788	38.5231	50.3875	0.3297			0
12/6/2018	95.1696	0.8912	0.3104	1.2016	3.444	255.4100	17.9041	38.4527	50.3312	0.1465			0
12/7/2018	94.7048	0.9153	0.5344	1.4497	3.5552	255.3400	17.8295	38.4766	50.2318	0.2528			0
12/8/2018	95.2766	0.8590	0.2735	1.1325	3.4376	255.2400	17.3161	38.4587	50.3741	0.0838			0
12/9/2018	95.1887	0.8397	0.2807	1.1204	3.5124	254.8400	16.5629	38.4997	50.4076	0.0323			0
12/10/2018	94.9438	0.9268	0.2711	1.1979	3.6584	254.8470	16.6906	38.5272	50.3670	0.0582			0
12/11/2018	94.9368	0.8964	0.2794	1.1758	3.7051	255.1330	17.2580	38.5363	50.3897	0.0198			0
12/12/2018	95.0050	0.9169	0.2865	1.2034	3.6103	255.5480	18.2042	38.5002	50.3517	0.0078			0
12/13/2018	95.1790	0.8791	0.2650	1.1441	3.4987	254.3540	16.4376	38.4913	50.4106	0.0801			0
12/14/2018	95.0737	0.8318	0.2650	1.0969	3.6232	255.1000	17.1788	38.5570	50.4531	0.0173			0
12/15/2018	95.1560	0.8523	0.2703	1.1226	3.5662	255.4000	17.3663	38.4963	50.4020	0.0051			0
12/16/2018	95.0780	0.8461	0.3152	1.1613	3.6039	255.4000	17.3540	38.4948	50.3845	0.0125			0
12/17/2018	95.0229	0.8313	0.3095	1.1408	3.6620	255.5900	17.7838	38.5310	50.4181	0.2655			0
12/18/2018	95.1110	0.8032	0.2967	1.0999	3.5954	255.4000	17.5842	38.5377	50.4475	0.0819			0
12/19/2018	95.2119	0.8026	0.3093	1.1119	3.4884	255.4500	17.6200	38.4978	50.4192	0.0156			0
12/20/2018	95.2515	0.8753	0.3090	1.1843	3.3901	255.3700	17.3700	38.4341	50.3324	0.0100			0
12/21/2018	95.1336	0.9295	0.3058	1.2353	3.4690	255.3910	17.0830	38.4290	50.2932	0.0088			0
12/22/2018	95.1136	0.9926	0.2749	1.2675	3.4731	255.5600	17.2517	38.4087	50.2519	0.0212			0
12/23/2018	95.0958	0.9427	0.2913	1.2340	3.5152	256.2290	18.3724	38.4400	50.2970	0.0110			0
12/24/2018	95.2392	0.9245	0.2915	1.2160	3.3935	256.1800	18.1400	38.4091	50.2921	0.0200			0
12/25/2018	95.4640	1.0065	0.2324	1.2389	3.1525	256.2900	19.1276	38.3290	50.2157	0.0233			0
12/26/2018	95.7226	1.0046	0.1976	1.2021	2.9049	256.2600	19.2613	38.2955	50.2139	0.0112			0
12/27/2018	95.1162	0.9450	0.1703	1.1154	3.6006	254.8400	18.2360	38.5291	50.4032	0.0044			0
12/28/2018	95.3324	0.9891	0.1933	1.1823	3.3322	254.6700	18.5676	38.4110	50.2929	0.0143			0
12/29/2018	95.3751	1.0401	0.1700	1.2101	3.2568	253.7900	17.0559	38.3834	50.2523	0.3593			0
12/30/2018	95.5383	1.0583	0.1551	1.2135	3.0845	254.2900	17.7882	38.3368	50.2195	0.5840			0
12/31/2018	95.4119	1.0038	0.1608	1.1646	3.2596	253.9500	17.3244	38.4061	50.2947	0.6116			0

\*/ 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>	94.7048	0.8026	0.1551	1.0969	2.9049	253.7900	16.4376	38.2955	50.2139	0.0044	0.0000	0.0000	
<b>Promedio</b>	95.1798	0.9119	0.2741	1.1860	3.4566	255.3239	17.7473	38.4594	50.3384	0.1449		0.0000	
<b>Máximo</b>	95.7226	1.0583	0.5344	1.4497	3.7051	256.2900	19.2613	38.5570	50.4531	0.6116	0.0000	0.0000	
<b>Desv. Est.</b>	0.1924	0.0679	0.0694	0.0670	0.1800	0.6523	0.6981	0.0659	0.0714	0.1807			

Observaciones:

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

PERMISIONARIO: TAG PIPELINES NORTE  
 PUNTO DE MEDICIÓN: EC LOS RAMONES NUEVA - 42" RAMONES NORTE  
 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> )
12/1/2018						256.8900	20.0292		50.3584	0.6648
12/2/2018						256.8000	19.6705		50.4743	0.6908
12/3/2018						256.4900	19.4978		50.4831	0.5840
12/4/2018						256.1000	18.8384		50.4386	0.6705
12/5/2018						265.8700	46.2824		50.4851	0.6478
12/6/2018						256.1700	19.2311		50.3931	0.8781
12/7/2018						256.3000	19.5068		50.4136	0.6441
12/8/2018						256.4900	19.4832		50.4952	0.3940
12/9/2018						256.2800	18.9783		50.4665	0.4381
12/10/2018						256.2670	19.0796		50.4658	0.4427
12/11/2018						256.3850	19.4131		50.5105	0.2835
12/12/2018						256.7060	20.2919		50.4076	0.2646
12/13/2018						255.3240	18.0196		50.5015	0.3712
12/14/2018						256.3800	19.3720		50.5440	0.2946
12/15/2018						256.6800	19.5853		50.5064	0.5210
12/16/2018						256.8700	19.9295		50.4471	0.4388
12/17/2018						256.5500	19.4604		50.4736	0.8028
12/18/2018						256.6500	19.7787		50.5336	0.3475
12/19/2018						256.4900	19.4223		50.4699	0.3430
12/20/2018						256.5500	19.3900		50.4389	0.2100
12/21/2018						256.8280	19.5480		50.3648	0.2356
12/22/2018						256.866	19.4977		50.3260	0.3497
12/23/2018						256.957	19.6668		50.3458	0.2495
12/24/2018						257.2800	20.1000		50.3476	0.1600
12/25/2018						264.7300	41.1117		50.2616	0.1415
12/26/2018						259.2200	25.3317		50.3462	0.2027
12/27/2018						257.2100	22.7775		50.6528	0.1648
12/28/2018						255.9400	20.9240		50.3674	0.2305
12/29/2018						259.9600	30.3119		50.3696	1.5962
12/30/2018						254.7800	18.6448		50.4184	0.8792
12/31/2018						254.7700	18.7339		50.3797	0.8665

<b>Máximo</b>						265.8700	46.2824		50.6528	1.5962
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Observaciones:

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

PERMISIONARIO: TAG PIPELINES NORTE  
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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> )
12/1/2018						255.3300	17.3076		50.1867	0.2817
12/2/2018						255.3800	17.2139		50.2314	0.2553
12/3/2018						255.1300	17.1631		50.3097	0.1812
12/4/2018						255.0000	16.9829		50.3006	0.2704
12/5/2018						248.5000	9.1860		50.3175	0.3372
12/6/2018						254.6100	16.5979		50.2590	0.2269
12/7/2018						254.1800	15.9779		48.9691	0.2393
12/8/2018						252.1600	12.9060		50.2210	0.2010
12/9/2018						253.5900	14.7070		50.3260	0.1426
12/10/2018						253.5580	14.7626		50.2791	0.1729
12/11/2018						253.8240	15.2393		50.2597	0.1705
12/12/2018						254.8270	17.0053		50.3137	0.1194
12/13/2018						253.6590	15.3833		50.3748	0.2236
12/14/2018						253.8800	15.2942		50.3361	0.1812
12/15/2018						254.1100	15.3642		50.3346	0.1186
12/16/2018						254.0100	15.2149		50.3413	0.1694
12/17/2018						254.2800	15.7175		50.3398	0.2366
12/18/2018						254.3100	15.8607		50.3767	0.2070
12/19/2018						254.2900	15.7959		50.3763	0.1667
12/20/2018						253.9700	15.2000		50.2571	0.1400
12/21/2018						253.9750	14.9370		50.2150	0.1749
12/22/2018						254.1100	15.0375		50.2012	0.1834
12/23/2018						255.2550	16.7654		50.2098	0.1564
12/24/2018						255.2500	16.6200		50.2228	0.1300
12/25/2018						255.1700	17.2124		50.1446	0.1236
12/26/2018						255.6600	18.2054		50.1390	0.1462
12/27/2018						253.4600	15.9894		50.1863	0.1140
12/28/2018						253.6100	16.7707		50.1826	0.1976
12/29/2018						252.1700	14.6034		50.1308	0.5448
12/30/2018						253.4700	16.4501		50.1334	0.2862
12/31/2018						252.9100	15.6901		50.2400	0.1274

<b>Mínimo</b>						248.5000	9.1860		48.9691	0.1140
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Observaciones: