

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

**PERMISIONARIO:** TAG PIPELINES NORTE S. DE R.L. DE C.V.  
**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)
12/1/2016	96.8463	0.6441	0.3395	0.9836	1.9383	256.2100	22.2625	38.1427	50.3130	0.4155	10.8000	0.0100
12/2/2016	95.2834	0.8309	0.2872	1.1181	3.3277	257.0000	23.6578	38.5149	50.4192	0.5739		
12/3/2016	94.6964	1.0075	0.3142	1.3217	3.6866	259.1900	27.5458	38.5600	50.3100	0.5739		
12/4/2016	94.6337	1.0095	0.3128	1.3223	3.7686	257.4100	23.6963	38.5682	50.3137	0.7873		
12/5/2016	94.1779	1.0375	0.2774	1.3149	4.2205	256.9100	22.0632	38.7038	50.3886	0.8425		
12/6/2016	94.3771	1.0018	0.2867	1.2885	4.0647	255.9800	19.7830	38.6576	50.3827	0.7742		
12/7/2016	94.7630	0.8586	0.2814	1.1400	3.7922	256.7200	21.3828	38.6662	50.4885	0.5804		
12/8/2016	96.6451	0.2004	0.7259	0.9263	2.1585	255.6500	19.3694	38.2596	50.5354	0.5267		
12/9/2016	96.7545	0.1922	0.7017	0.8939	2.1288	254.4500	17.1874	38.2258	50.3881	0.4911		
12/10/2016	96.9150	0.1915	0.6718	0.8633	1.9921	254.9100	18.1326	38.2048	50.3975	0.4416		
12/11/2016	97.0519	0.1893	0.6574	0.8467	1.8920	255.8200	19.1087	38.1664	50.3868	0.5809		
12/12/2016	96.8959	0.2118	0.6539	0.8657	2.0191	255.3100	19.3444	38.2024	50.3994	0.4765		
12/13/2016	97.0056	0.1844	0.6641	0.8485	1.9418	254.8700	19.1243	38.1780	50.3911	0.4251		
12/14/2016	96.9445	0.1840	0.6204	0.8043	2.0923	252.2500	14.0552	38.2027	50.4366	0.3858		
12/15/2016	96.8200	0.6199	0.2166	0.8366	2.1348	251.4700	12.5353	38.2377	50.4415	0.4068		
12/16/2016	96.9954	0.6408	0.1853	0.8261	1.9372	254.9500	17.6883	38.2117	50.4261	0.3893		
12/17/2016	96.9934	0.6816	0.1885	0.8700	1.9257	255.4600	19.1906	38.1684	50.3713	0.3328		
12/18/2016	96.8349	0.6284	0.2208	0.8492	2.0933	255.7100	20.5078	38.2299	50.4290	0.3362		
12/19/2016	96.7779	0.7039	0.1802	0.8841	2.1128	258.8900	27.6463	38.2251	50.3917	0.3820		
12/20/2016	96.5941	0.7326	0.1801	0.9127	2.2310	258.7100	25.9900	38.2765	50.4006	0.4662		
12/21/2016	96.6765	0.7070	0.1987	0.9056	2.1500	258.0300	23.9003	38.2627	50.4022	0.4714		
12/22/2016	96.4212	0.7565	0.2060	0.9626	2.2974	257.5100	22.7233	38.3236	50.3984	0.5381		
12/23/2016	96.8333	0.7195	0.2023	0.9218	2.0444	257.5100	22.6406	38.1780	50.3436	0.5615		
12/24/2016	96.8304	0.6888	0.2345	0.9233	2.0425	257.0800	23.0636	38.1780	50.3504	0.4942		
12/25/2016	96.9248	0.6733	0.2241	0.8974	1.9751	256.1000	21.1630	38.1675	50.3602	0.4332		
12/26/2016	97.0387	0.6589	0.2235	0.882	1.8633	256.7800	23.0361	38.1509	50.3610	0.4833		
12/27/2016	96.8358	0.6957	0.2368	0.933	1.9787	257.9800	25.2843	38.1884	50.3501	0.5626		
12/28/2016	96.7619	0.7316	0.2223	0.954	2.0645	258.1100	24.7834	38.1861	50.3304	0.6114		
12/29/2016	96.7424	0.7060	0.2102	0.9161	2.1474	256.7200	23.5467	38.2034	50.3641	0.5303		
12/30/2016	96.9920	0.6468	0.2070	0.8538	1.9756	255.0000	20.5205	38.1669	50.3866	0.5340		
12/31/2016	97.0949	0.6395	0.1752	0.8147	1.9184	253.4900	18.4614	38.1605	50.4030	0.4950		

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

Mínimo	94.1779	0.1840	0.1752	0.8043	1.8633	251.4700	12.5353	38.1509	50.3100	0.3328	10.8000	0.0100
Promedio	96.4244	0.6250	0.3325	0.9574	2.3844	256.1994	21.2708	38.2875	50.3916	0.5130	10.8000	0.0100
Máximo	97.0949	1.0375	0.7259	1.3223	4.2205	259.1900	27.6463	38.7038	50.5354	0.8425	10.8000	0.0100
Desv. Est.	0.9056	0.2642	0.1910	0.1570	0.7280	1.8003	3.4942	0.1720	0.0469	0.1217		

Observaciones:

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

PERMISIONARIO: TAG PIPELINES NORTE S. DE R.L. DE C.V.  
 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> )
12/1/2016						257.9000	26.0516		50.3218	0.4702
12/2/2016						257.2500	24.2079		50.4438	0.6251
12/3/2016						259.5900	28.5685		50.3261	0.7391
12/4/2016						258.9500	27.3198		50.332	0.8424
12/5/2016						258.7000	26.0493		50.403	0.8921
12/6/2016						257.0700	21.9107		50.400	0.8420
12/7/2016						258.6200	25.4975		50.509	0.6423
12/8/2016						255.9500	19.9362		50.4021	0.5852
12/9/2016						254.8800	17.8993		50.4047	0.5516
12/10/2016						255.2200	18.6623		50.4070	0.4952
12/11/2016						257.6500	20.2876		50.3947	0.6825
12/12/2016						257.0000	22.6748		50.4079	0.5326
12/13/2016						255.3100	19.9234		50.4052	0.4804
12/14/2016						252.8400	14.8750		50.4517	0.4399
12/15/2016						252.0000	13.1923		50.4618	0.4724
12/16/2016						256.4500	20.3633		50.4458	0.4527
12/17/2016						256.3900	20.9512		50.3833	0.3863
12/18/2016						256.1500	21.3726		50.4586	0.3919
12/19/2016						259.5500	29.3606		50.4095	0.4301
12/20/2016						259.4900	27.9100		50.4213	0.5259
12/21/2016						259.0400	26.2225		50.4149	0.5298
12/22/2016						258.1200	24.0383		50.4171	0.5852
12/23/2016						258.9500	25.8701		50.3562	0.7910
12/24/2016						258.6900	26.7665		50.3569	0.5505
12/25/2016						258.3400	26.0631		50.3687	0.4962
12/26/2016						257.4800	24.5801		50.3725	0.5390
12/27/2016						259.5700	29.2690		50.3633	0.6153
12/28/2016						259.5600	28.3046		50.3523	0.6705
12/29/2016						257.4200	25.1138		50.3722	0.5919
12/30/2016						256.0200	22.6023		50.3984	0.5914
12/31/2016						253.9200	19.2223		50.4106	0.5589
<b>Máximo</b>						259.5900	29.3606			0.8921

Observaciones:

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

PERMISIONARIO: TAG PIPELINES NORTE S. DE R.L. DE C.V.  
 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> )
12/1/2016						255.0600	19.9817		50.2999	0.3579
12/2/2016						255.9600	21.4581		50.3934	0.5146
12/3/2016						258.7000	26.3418		50.2933	0.6195
12/4/2016						256.6300	22.0278		50.2967	0.7352
12/5/2016						255.3000	18.9713		50.3744	0.7880
12/6/2016						255.2000	18.3814		50.3665	0.7169
12/7/2016						255.9600	19.9240		50.4676	0.5300
12/8/2016						255.1400	18.4655		50.3675	0.4692
12/9/2016						253.7300	16.0537		50.3704	0.4332
12/10/2016						254.3800	17.2336		50.3877	0.3931
12/11/2016						255.1400	17.9337		50.3770	0.4631
12/12/2016						254.6400	18.1583		50.3880	0.4235
12/13/2016						254.1200	17.7984		50.3794	0.3745
12/14/2016						251.6500	13.2579		50.4223	0.3292
12/15/2016						250.7000	11.6250		50.4180	0.3416
12/16/2016						254.4200	16.8246		50.4029	0.3319
12/17/2016						254.6300	17.7408		50.3581	0.2810
12/18/2016						254.9700	19.1176		50.4027	0.2812
12/19/2016						258.4100	26.4617		50.3730	0.3220
12/20/2016						258.0900	24.5519		50.3807	0.4026
12/21/2016						257.2500	22.2248		50.3909	0.4161
12/22/2016						256.8500	21.3710		50.3819	0.4895
12/23/2016						256.4800	20.5777		50.3313	0.5000
12/24/2016						256.3300	21.5063		50.3434	0.4429
12/25/2016						255.2000	19.4449		50.3498	0.3795
12/26/2016						256.2400	21.8961		50.3482	0.4220
12/27/2016						257.3100	23.7535		50.3345	0.5163
12/28/2016						257.0700	22.4943		50.3080	0.5462
12/29/2016						256.2100	22.4459		50.3547	0.4757
12/30/2016						254.3000	19.2001		50.3720	0.4817
12/31/2016						252.6000	16.9429		50.3957	0.4361
<b>Mínimo</b>						250.7000	11.6250			0.2810

Observaciones: