

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

PERMISIONARIO: **TRACTEBEL DIGAQRO, S.A. de C.V.**  
 PUNTO DE MEDICIÓN: **La Lira**  
 ZONA DE MEDICIÓN: **SUR**



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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.8 MÍN.	47.3 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/06/2017	96.5760	0.6513	0.3031	0.9543	2.2535	251.0328	21.2800	38.1700	50.3100	0.7419		
02/06/2017	96.6790	0.6454	0.2960	0.9415	2.1972	249.8418	21.3300	38.1500	50.3000	0.7675		
03/06/2017	96.5958	0.6512	0.3288	0.9800	2.1912	251.5849	21.3000	38.1500	50.2800	0.7032		
04/06/2017	96.5311	0.6591	0.3541	1.0132	2.2347	253.5551	21.5700	38.1500	50.2600	0.7194		
05/06/2017	96.6368	0.6435	0.3637	1.0072	2.1420	253.3376	21.8000	38.1200	50.2500	0.5473		
06/06/2017	96.4508	0.6523	0.3438	0.9961	2.3416	253.3386	21.5700	38.1900	50.3000	0.6817		
07/06/2017	96.6706	0.6833	0.3345	1.0177	2.1168	253.5322	21.7100	38.1300	50.2400	0.7210		
08/06/2017	96.6344	0.7173	0.3163	1.0336	2.1279	252.3669	21.8900	38.1000	50.2200	0.7871		
09/06/2017	96.8859	0.6886	0.2753	0.9639	2.0033	248.4602	21.8000	38.0600	50.2400	0.8410		
10/06/2017	96.8217	0.7101	0.2529	0.9630	2.0630	248.7588	21.5200	38.0800	50.2500	0.8728		
11/06/2017	96.9370	0.6824	0.2547	0.9371	1.9645	248.5030	22.4500	38.0700	50.2500	0.8099		
12/06/2017	96.8759	0.7407	0.2466	0.9873	1.9514	251.2885	19.3300	38.0700	50.2100	1.1083		
13/06/2017	96.8125	0.7278	0.2769	1.0047	1.9625	251.8236	22.1900	38.0900	50.2300	0.8496		
14/06/2017	96.7349	0.7168	0.2919	1.0088	2.0497	251.2345	21.9400	38.1000	50.2400	0.8415		
15/06/2017	96.6012	0.7214	0.3021	1.0234	2.1364	252.2389	21.7000	38.1200	50.2400	0.8786		
16/06/2017	96.3906	0.7126	0.2636	0.9761	2.3520	252.0273	21.7200	38.2300	50.3300	0.9598		
17/06/2017	96.2747	0.7780	0.2681	1.0461	2.4198	252.0362	21.5800	38.2100	50.2700	1.0109		
18/06/2017	96.3806	0.8116	0.2675	1.0791	2.3083	252.9263	21.5300	38.1700	50.2200	1.0422		
19/06/2017	96.4389	0.8000	0.2344	1.0343	2.2955	252.9718	21.5200	38.1800	50.2500	0.9805		
20/06/2017	96.5608	0.7683	0.2613	1.0297	2.1915	252.6011	21.8100	38.1400	50.2300	0.7642		
21/06/2017	96.6201	0.7519	0.2695	1.0214	2.1508	253.8605	19.6700	38.1300	50.2300	0.2927		
22/06/2017	96.5646	0.7334	0.2327	0.9661	2.2939	253.6816	18.5500	38.1700	50.2800	0.3906		
23/06/2017	96.4804	0.7477	0.2748	1.0225	2.2964	255.0034	18.7500	38.1600	50.2400	0.3954		
24/06/2017	96.5681	0.7634	0.2699	1.0333	2.2098	254.5217	18.5900	38.1300	50.2200	0.3793		
25/06/2017	96.5805	0.7634	0.2530	1.0164	2.2114	254.6174	18.4600	38.1300	50.2300	0.4150		
26/06/2017	96.5761	0.7629	0.2666	1.0295	2.2052	254.5152	18.4600	38.1200	50.2200	0.5706		
27/06/2017	96.5659	0.7527	0.2802	1.0329	2.2056	255.4513	18.4000	38.1300	50.2200	0.3869		
28/06/2017	97.6249	0.5306	0.1880	0.7186	1.5201	268.7181	11.1500	38.0100	50.2200	0.0701		
29/06/2017	96.5100	0.8344	0.2898	1.1243	2.1498	255.5451	18.2000	38.1000	50.1400	0.0701		
30/06/2017	96.4990	0.8238	0.2802	1.1039	2.1920	254.5343	12.3600	38.1000	50.1500	1.8743		

\*/ 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>	96.2747	0.5306	0.1880	0.7186	1.5201	248.4602	11.1500	38.0100	50.1400	0.0701		
<b>Promedio</b>	96.6360	0.7209	0.2813	1.0022	2.1579	253.1303	20.1377	38.1287	50.2423	0.7158		
<b>Máximo</b>	97.6249	0.8344	0.3637	1.1243	2.4198	268.7181	22.4500	38.2300	50.3300	1.8743		
<b>Desv. Est.</b>	0.24209	0.06497	0.03809	0.06868	0.16839	3.52221	2.68473	0.04696	0.04014	0.34857		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE

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

**(Registros Máximos diarios)**

PERMISIONARIO: **TRACTEBEL DIGAQRO, S.A. de C.V.**  
 PUNTO DE MEDICIÓN: **La Lira**  
 ZONA DE MEDICIÓN: **SUR**



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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	43.6 MÁX.	53.2 MÁX.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/06/2017	96.7971	0.6851	0.3351	1.0113	2.3741	257.4385	22.5400	38.2300	50.3400	0.8224		
02/06/2017	96.9376	0.7137	0.3644	1.0632	2.5164	255.3107	22.7400	38.2900	50.3900	0.9536		
03/06/2017	96.7868	0.6997	0.3669	1.0629	2.3209	256.9166	22.5400	38.1900	50.3300	0.8661		
04/06/2017	96.6917	0.7391	0.4003	1.0598	2.3822	262.2466	22.7400	38.2100	50.3100	0.8486		
05/06/2017	96.8202	0.6809	0.4058	1.0651	2.2747	258.8181	23.5500	38.1800	50.3100	0.8136		
06/06/2017	96.7219	0.6825	0.3970	1.0463	2.5423	259.0137	22.7400	38.2600	50.3500	0.7961		
07/06/2017	96.7541	0.7430	0.4004	1.1434	2.2983	258.2263	22.9400	38.1700	50.2800	0.9186		
08/06/2017	97.0797	0.8244	0.3722	1.1583	2.3256	258.0594	23.1500	38.2000	50.3000	0.9361		
09/06/2017	97.0925	0.7584	0.3081	1.0069	2.2133	261.0141	23.0400	38.1300	50.2700	0.9623		
10/06/2017	97.0096	0.7446	0.3019	1.0120	2.2660	253.3456	23.1500	38.1500	50.3000	0.9973		
11/06/2017	97.1102	0.7238	0.2960	0.9931	2.0724	252.6611	23.6500	38.1100	50.2900	0.9448		
12/06/2017	97.1479	0.8326	0.3009	1.0758	2.2981	283.7999	331.4800	38.3000	50.3400	3.4557		
13/06/2017	96.9392	0.7538	0.3152	1.0309	2.1014	257.6735	23.3500	38.1300	50.2500	0.9711		
14/06/2017	96.8765	0.7375	0.3194	1.0416	2.1620	257.6274	23.1500	38.1700	50.2700	0.9798		
15/06/2017	96.8037	0.7871	0.3273	1.0771	2.2731	258.8541	22.9400	38.2000	50.2800	1.1461		
16/06/2017	96.7069	0.7685	0.3106	1.0394	2.5500	263.0732	23.1500	38.3000	50.3800	1.1111		
17/06/2017	96.5636	0.9017	0.2988	1.1778	3.1427	259.5142	22.7400	38.3900	50.4000	1.3035		
18/06/2017	96.6638	0.8457	0.2865	1.1192	2.4625	260.2438	22.7400	38.2200	50.2600	1.2335		
19/06/2017	96.7002	0.8301	0.3149	1.0938	2.5347	262.0301	22.8400	38.2600	50.2900	1.1461		
20/06/2017	96.8055	0.8443	0.2983	1.1157	2.5242	259.4106	22.8400	38.2600	50.2800	1.0761		
21/06/2017	96.9286	0.8048	0.2974	1.0861	2.2925	258.6499	22.8400	38.1800	50.2900	0.6211		
22/06/2017	96.8482	0.8068	0.2908	1.0490	2.8699	260.0467	19.9300	38.3400	50.3700	0.4724		
23/06/2017	96.7022	0.8198	0.3402	1.1269	2.5907	261.9802	20.0300	38.2800	50.3100	0.4987		
24/06/2017	96.7405	0.8185	0.3057	1.0790	2.3695	261.9821	19.9300	38.1800	50.2900	0.4637		
25/06/2017	96.6917	0.7987	0.2777	1.0572	2.3666	260.9932	19.4200	38.1900	50.2800	0.5162		
26/06/2017	96.9094	0.8286	0.2893	1.1111	2.5827	262.3203	19.7200	38.2700	50.3100	11.1719		
27/06/2017	96.8989	0.7963	0.3024	1.0925	2.4146	264.6496	19.5200	38.1800	50.2600	1.6972		
28/06/2017	100.0000	0.7841	0.2878	1.0707	2.2466	284.4004	18.7100	38.1400	50.2200	0.5494		
29/06/2017	96.7490	0.8820	0.4294	1.2629	2.7232	270.8636	19.0100	38.2700	50.2000	0.0018		
30/06/2017	96.6581	0.8656	0.3415	1.1471	2.6810	281.0702	331.1700	38.3300	50.2800	3.9303		

\*/ 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>	96.5636	0.6809	0.2777	0.9931	2.0724	252.6611	18.7100	38.1100	50.2000	0.0018		
<b>Promedio</b>	96.9378	0.7834	0.3294	1.0825	2.4257	262.0745	42.6097	38.2237	50.3010	1.4068		
<b>Máximo</b>	100.0000	0.9017	0.4294	1.2629	3.1427	284.4004	331.4800	38.3900	50.4000	11.1719		
<b>Desv. Est.</b>	0.59715	0.06019	0.04267	0.05740	0.22804	7.90126	78.49708	0.06946	0.04649	2.00322		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE**

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

**PERMISIONARIO:** TRACTEBEL DIGAQRO, S.A. de C.V.  
**PUNTO DE MEDICIÓN:** La Lira  
**ZONA DE MEDICIÓN:** SUR



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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.8 MÍN.	47.3 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/06/2017	96.4311	0.6102	0.2625	0.9168	2.0700	247.0770	19.9300	38.1100	50.2700	0.6386		
02/06/2017	96.3088	0.6123	0.2358	0.8641	1.9765	244.2892	19.6200	38.0900	50.2400	0.6299		
03/06/2017	96.4227	0.6160	0.2951	0.9335	2.0690	247.6887	19.7200	38.1200	50.2400	0.5774		
04/06/2017	96.3653	0.6010	0.2710	0.9419	2.0730	249.0910	20.5300	38.0900	50.2100	0.6124		
05/06/2017	96.4931	0.6106	0.3280	0.9413	2.0407	249.7230	20.8300	38.0900	50.2100	0.6124		
06/06/2017	96.2631	0.6177	0.3082	0.9338	2.0980	248.6902	20.1300	38.1200	50.2500	0.5774		
07/06/2017	96.3296	0.6383	0.3009	0.9791	2.0555	249.7250	20.3300	38.0700	50.1700	0.6211		
08/06/2017	96.2655	0.6478	0.2585	0.9254	1.8436	247.0171	20.4300	38.0200	50.1500	0.6824		
09/06/2017	96.6358	0.6435	0.2397	0.9123	1.8084	243.8318	20.3300	38.0000	50.1900	0.7524		
10/06/2017	96.5589	0.6591	0.2253	0.9067	1.9344	243.1015	20.2300	38.0400	50.2000	0.7436		
11/06/2017	96.7888	0.6558	0.2109	0.8873	1.8535	244.5673	20.9300	38.0200	50.2200	0.6911		
12/06/2017	96.4898	0.6621	0.2139	0.8989	1.7667	246.7678	20.9300	38.0000	50.1100	0.6911		
13/06/2017	96.6628	0.7084	0.2438	0.9699	1.8606	247.9694	20.2300	38.0500	50.1800	0.7524		
14/06/2017	96.5793	0.6993	0.2691	0.9787	1.9485	247.6895	20.5300	38.0700	50.2000	0.7611		
15/06/2017	96.4785	0.6834	0.2769	0.9882	1.9944	248.3428	20.1300	38.0800	50.1900	0.7699		
16/06/2017	96.2576	0.6828	0.2328	0.9228	2.1088	245.6002	20.1300	38.1100	50.2500	0.7961		
17/06/2017	95.6355	0.6650	0.2213	0.9088	2.1694	249.5430	20.1300	38.1200	50.1700	0.8136		
18/06/2017	96.2026	0.7769	0.2442	1.0305	2.0475	249.9185	20.1300	38.1000	50.1800	0.8749		
19/06/2017	96.1399	0.7469	0.2017	0.9723	2.0714	249.3041	20.0300	38.1300	50.2100	0.8399		
20/06/2017	96.1480	0.6987	0.2024	0.9687	1.9700	248.2146	20.3300	38.0700	50.1400	0.4112		
21/06/2017	96.4707	0.7045	0.1894	0.9608	1.9117	249.0281	16.7100	38.0600	50.1700	0.0350		
22/06/2017	95.8503	0.6827	0.1885	0.9206	1.9927	248.7085	16.7100	38.0700	50.2100	0.3062		
23/06/2017	96.1496	0.6934	0.2134	0.9354	2.1437	249.4112	17.4100	38.1200	50.1800	0.3149		
24/06/2017	96.3566	0.6949	0.2382	0.9354	2.0676	250.4381	17.2100	38.0800	50.1700	0.3062		
25/06/2017	96.4353	0.7318	0.2361	0.9770	2.1050	250.1967	17.2100	38.0900	50.1800	0.3499		
26/06/2017	96.1309	0.6984	0.2441	0.9515	1.9530	250.2260	17.3100	38.0600	50.1400	0.3324		
27/06/2017	96.3024	0.7090	0.2533	0.9664	1.9606	251.5082	17.0100	38.0600	50.1900	0.2100		
28/06/2017	96.4821	0.7090	0.2533	0.9664	1.9606	260.7741	17.0100	37.7500	50.1900	0.2100		
29/06/2017	95.8003	0.7898	0.2382	1.0699	1.9571	250.8362	17.3100	38.0300	50.0800	0.2100		
30/06/2017	95.8411	0.7800	0.2465	1.0419	2.0539	246.4917	17.3100	38.0500	50.1100	0.2100		

\*/ 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>	95.6355	0.6010	0.1885	0.8641	1.7667	243.1015	16.7100	37.7500	50.0800	0.0350		
<b>Promedio</b>	96.3092	0.6810	0.2448	0.9502	1.9955	248.5257	19.2260	38.0623	50.1867	0.5445		
<b>Máximo</b>	96.7888	0.7898	0.3280	1.0699	2.1694	260.7741	20.9300	38.1300	50.2700	0.8749		
<b>Desv. Est.</b>	0.26718	0.05164	0.03419	0.04487	0.10098	3.15430	1.54754	0.06912	0.04334	0.23675		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE