

**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.
01/05/2016	95.6756	0.8018	0.3885	1.1903	2.7734	260.9560	19.8800	38.3500	50.2600	1.1428		
02/05/2016	95.5525	0.8202	0.4045	1.2247	2.8978	266.6242	18.9800	38.3700	50.2400	1.1948		
03/05/2016	95.5782	0.8022	0.4495	1.2517	2.8574	265.1176	17.9000	38.3400	50.2200	1.1876		
04/05/2016	95.5000	0.8330	0.4264	1.2594	2.9260	266.2734	18.9500	38.3400	50.2300	1.2392		
05/05/2016	95.7000	0.8099	0.3689	1.1788	2.8165	264.6761	19.0000	38.3300	50.2500	1.1818		
06/05/2016	95.5000	0.8233	0.4522	1.2754	2.8998	262.8526	18.2100	38.3100	50.2000	1.2254		
07/05/2016	95.3977	0.8693	0.4391	1.3084	3.0038	263.5361	17.3300	38.3300	50.1900	1.2810		
08/05/2016	95.3848	0.8707	0.4295	1.3002	3.0132	262.0307	17.2300	38.3300	50.1900	1.2469		
09/05/2016	95.3893	0.8460	0.4506	1.2967	2.9935	263.0133	18.1000	38.3400	50.2100	1.2724		
10/05/2016	95.5987	0.8372	0.3690	1.2062	2.9036	263.6700	18.1600	38.3500	50.2700	1.2580		
11/05/2016	94.5923	0.7663	1.1020	1.8682	3.1781	263.7901	24.1600	38.2000	49.8800	1.5010		
12/05/2016	94.6542	0.7314	1.2188	1.9503	3.0608	264.0273	26.5900	38.1200	49.8100	1.4528		
13/05/2016	95.2142	0.7414	0.8925	1.6340	2.8260	263.0226	22.9500	38.1700	49.9700	1.2399		
14/05/2016	94.8788	0.7195	1.1650	1.8843	2.9128	264.4982	26.4800	38.1100	49.8300	1.3295		
15/05/2016	94.9024	0.7851	0.8996	1.6846	3.0426	264.2000	24.9000	38.2400	49.9700	1.2204		
16/05/2016	94.8909	0.7943	0.8885	1.6828	3.0654	263.7401	26.0600	38.2500	49.9800	1.2608		
17/05/2016	95.2162	0.8175	0.5499	1.3675	3.0822	264.1397	23.7600	38.3500	50.1800	1.0859		
18/05/2016	95.6503	0.8474	0.2291	1.0764	2.9209	262.8806	21.9900	38.4300	50.3600	1.1721		
19/05/2016	95.7188	0.8240	0.2364	1.0604	2.8766	262.7831	22.3500	38.4200	50.3700	1.1028		
20/05/2016	95.3896	0.8257	0.2429	1.0687	3.0779	262.0796	21.4200	38.5500	50.4300	1.1045		
21/05/2016	95.0313	0.8496	0.2648	1.1145	3.2764	263.9630	21.3900	38.6800	50.4600	1.1936		
22/05/2016	95.4073	0.8466	0.2243	1.0709	3.0802	263.2808	20.6700	38.5400	50.4200	1.2211		
23/05/2016	95.6707	0.8307	0.2182	1.0489	2.9708	260.5594	21.1000	38.4200	50.3700	1.2447		
24/05/2016	95.5653	0.8481	0.2277	1.0758	3.0398	260.7505	19.9700	38.4500	50.3700	1.3019		
25/05/2016	95.4590	0.8533	0.2293	1.0826	3.0948	260.3795	20.5600	38.4800	50.3800	1.3331		
26/05/2016	95.5875	0.8422	0.2295	1.0717	3.0136	260.1552	20.3900	38.4200	50.3600	1.2918		
27/05/2016	95.4487	0.8866	0.2362	1.1228	3.1117	260.1101	20.3500	38.4400	50.3300	1.3004		
28/05/2016	95.4341	0.9229	0.2344	1.1573	3.0454	261.5773	23.1100	38.4200	50.2800	1.3081		
29/05/2016	95.5184	0.9105	0.2300	1.1405	3.0136	261.2572	24.8600	38.4000	50.2900	1.3391		
30/05/2016	95.5179	0.9446	0.2332	1.1778	2.9809	261.6555	23.4300	38.3800	50.2600	1.3538		
31/05/2016	95.5578	0.9181	0.2325	1.1507	2.9628	261.4912	23.5700	38.4000	50.2700	1.2707		

\*/ 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>	94.5923	0.7195	0.2182	1.0489	2.7734	260.1101	17.2300	38.1100	49.8100	1.0859		
<b>Promedio</b>	95.3736	0.8329	0.4569	1.2898	2.9909	262.8739	21.4129	38.3632	50.2203	1.2535		
<b>Máximo</b>	95.7188	0.9446	1.2188	1.9503	3.2764	266.6242	26.5900	38.6800	50.4600	1.5010		
<b>Desv. Est.</b>	0.30608	0.05289	0.30573	0.26553	0.10998	1.72362	2.77165	0.12076	0.17574	0.09180		

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.
01/05/2016	95.8392	0.8435	3.1181	3.5654	5.1158	269.5076	21.3300	38.4100	50.3400	1.2160		
02/05/2016	95.7187	0.8693	2.9590	3.4265	5.0018	277.5208	20.9300	38.4300	50.3200	1.3648		
03/05/2016	95.7139	0.8424	3.0535	3.4987	5.1296	275.3202	19.7200	38.4100	50.3300	1.3035		
04/05/2016	95.7422	0.8697	3.1149	3.5627	5.1205	277.2830	20.4300	38.4000	50.2800	1.3385		
05/05/2016	95.8952	0.8735	3.1133	3.5597	5.1067	274.8892	20.3300	38.4000	50.3600	1.2860		
06/05/2016	95.7433	0.9154	3.0509	3.4956	5.1248	272.9163	19.8200	38.3800	50.3300	1.4085		
07/05/2016	95.5763	0.9298	3.1259	3.5704	5.1175	273.6107	19.0200	38.3900	50.2500	1.3910		
08/05/2016	95.6048	0.9627	3.0752	3.5207	5.1258	270.4584	18.8200	38.3700	50.2500	1.3210		
09/05/2016	95.6906	0.8831	3.0962	3.5406	5.1236	271.2439	19.9300	38.4000	50.3200	1.4173		
10/05/2016	95.8050	0.9181	2.5339	3.0528	4.6727	272.8531	331.4800	38.4600	50.3300	1.4610		
11/05/2016	95.5421	0.8727	3.1155	3.5623	5.1277	277.9690	28.7800	38.3600	50.2200	1.8809		
12/05/2016	95.2461	0.7773	3.0748	3.5329	5.1195	274.6966	29.7900	38.3000	50.0000	1.7672		
13/05/2016	95.7991	0.7897	3.0615	3.5091	5.1434	271.6832	26.8700	38.3100	50.2200	1.4960		
14/05/2016	95.4772	0.7991	3.0507	3.4953	5.1287	274.4957	29.8900	38.3000	50.1500	1.5747		
15/05/2016	95.3880	0.8802	3.1419	3.5872	5.1230	271.1702	30.8900	38.4200	50.2400	1.5835		
16/05/2016	95.2755	0.8674	3.1398	3.5853	5.1256	277.9155	34.8200	38.4400	50.2400	1.5485		
17/05/2016	95.7410	0.8945	3.0500	3.4940	5.1228	271.5343	30.7900	38.4800	50.3800	1.4435		
18/05/2016	95.8510	0.9356	0.2650	1.1551	3.0832	273.9748	24.3500	38.5800	50.4600	1.4173		
19/05/2016	95.8911	0.8941	0.2513	1.1295	2.9872	269.5801	25.1600	38.4800	50.4300	1.2335		
20/05/2016	95.7819	0.9105	0.8151	1.5713	3.2935	264.6272	27.3700	38.6500	50.5200	1.3910		
21/05/2016	95.5418	0.9323	0.8530	1.5994	3.6006	266.4065	30.3900	38.8500	50.5700	1.4260		
22/05/2016	95.9156	0.9547	0.2464	1.1991	3.3596	267.1435	21.8400	38.7200	50.5200	1.4085		
23/05/2016	95.8178	0.9030	0.2310	1.1248	3.1271	263.7257	23.6500	38.4600	50.4100	1.3473		
24/05/2016	95.6828	0.9216	0.2399	1.1525	3.1585	262.3893	21.7400	38.4800	50.4100	1.4523		
25/05/2016	95.7299	0.9143	0.2461	1.1532	3.2419	262.5940	331.4800	38.5400	50.4200	1.5222		
26/05/2016	95.8160	0.8855	0.2445	1.1289	3.2532	262.3299	323.5300	38.5100	50.4000	1.4523		
27/05/2016	95.7867	1.0039	0.4525	1.2716	3.5383	261.3899	331.4800	38.6100	50.4000	1.4523		
28/05/2016	95.6186	0.9647	0.2554	1.2022	3.2196	262.9357	24.5500	38.5000	50.3600	1.4785		
29/05/2016	95.6517	0.9792	0.2517	1.2130	3.1589	263.8435	26.7700	38.4600	50.3500	1.5397		
30/05/2016	95.7640	1.1075	0.2552	1.3353	3.2083	263.9556	25.7600	38.4800	50.3300	1.4872		
31/05/2016	95.7810	0.9928	0.2472	1.2346	3.1493	264.2368	29.4900	38.4700	50.3300	1.4610		


\*/ 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>	95.2461	0.7773	0.2310	1.1248	2.9872	261.3899	18.8200	38.3000	50.0000	1.2160		
<b>Promedio</b>	95.6912	0.9061	1.8300	2.4848	4.2551	269.8129	64.2323	38.4661	50.3377	1.4475		
<b>Máximo</b>	95.9156	1.1075	3.1419	3.5872	5.1434	277.9690	331.4800	38.8500	50.5700	1.8809		
<b>Desv. Est.</b>	0.16908	0.06646	1.37933	1.14915	0.94510	5.40361	103.88036	0.11910	0.11366	0.13626		

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.
01/05/2016	90.7094	0.4473	0.3005	1.0844	2.6778	255.3863	18.4200	38.2700	49.2400	1.0586		
02/05/2016	90.9739	0.4658	0.2970	1.1018	2.8154	259.3314	17.4100	38.2800	49.3000	1.0936		
03/05/2016	90.7617	0.4452	0.3169	1.1157	2.7480	257.8997	16.4000	38.2700	49.2900	1.0498		
04/05/2016	90.7134	0.4442	0.3347	1.1700	2.7692	259.1090	17.5100	38.2700	49.2400	1.1286		
05/05/2016	90.7243	0.4464	0.2843	1.0353	2.6742	257.9865	17.8100	38.2500	49.2400	1.0236		
06/05/2016	90.7654	0.4447	0.3039	1.0847	2.7863	255.8714	16.5000	38.2700	49.2900	0.9886		
07/05/2016	90.7019	0.4445	0.3290	1.2002	2.9121	257.4178	15.3000	38.2600	49.2400	1.1111		
08/05/2016	90.7408	0.4455	0.3442	1.2168	2.8660	256.2753	15.8000	38.2700	49.2700	1.1111		
09/05/2016	90.7290	0.4443	0.2952	1.1045	2.8786	257.9434	16.5000	38.2800	49.2600	1.1286		
10/05/2016	91.7263	0.5189	0.2742	1.0846	2.7603	259.2777	16.5000	38.2900	49.4600	1.1286		
11/05/2016	90.6710	0.4450	0.3863	1.2564	2.8708	258.3873	17.9100	38.0500	49.2900	1.2423		
12/05/2016	90.7635	0.4439	0.8384	1.5910	2.7766	257.3387	23.0400	37.9900	49.2500	1.2248		
13/05/2016	90.7517	0.4432	0.4522	1.2162	2.6472	258.0212	18.9200	38.0500	49.2600	0.9623		
14/05/2016	90.7616	0.4446	0.5501	1.3493	2.7630	258.5459	21.6400	37.9400	49.2900	1.0586		
15/05/2016	90.7076	0.4433	0.4738	1.3128	2.9566	259.5888	19.9300	38.0400	49.2300	0.9973		
16/05/2016	90.7127	0.4444	0.5025	1.3351	2.9668	258.7278	21.1300	38.0700	49.2300	0.9973		
17/05/2016	90.7699	0.4440	0.2154	1.0771	2.6982	258.9740	21.1300	38.0600	49.2900	0.9973		
18/05/2016	95.3809	0.7908	0.2081	1.0180	2.7353	256.6219	20.3300	38.3600	50.2700	0.9886		
19/05/2016	95.5996	0.7833	0.2160	1.0067	2.7448	256.9130	20.0300	38.3800	50.3000	0.9536		
20/05/2016	94.7449	0.7562	0.2061	0.9990	2.7925	257.1381	19.5200	38.3700	50.1300	1.0323		
21/05/2016	94.5518	0.7465	0.2114	1.0226	3.0164	258.7668	18.8200	38.3900	50.1100	1.0411		
22/05/2016	94.8778	0.7881	0.2038	0.9965	2.7378	257.6871	19.3200	38.3700	50.3200	1.0498		
23/05/2016	95.5349	0.7976	0.2004	1.0013	2.8091	255.9567	18.6200	38.3700	50.2800	1.1373		
24/05/2016	95.4046	0.8113	0.2086	1.0258	2.8921	256.2283	18.9200	38.4000	50.3000	1.0586		
25/05/2016	95.2394	0.8217	0.2096	1.0371	2.8473	255.4321	18.9200	38.4000	50.3200	1.0586		
26/05/2016	95.3437	0.8051	0.2106	1.0237	2.8083	256.2517	18.9200	38.3900	50.3100	1.0586		
27/05/2016	94.8653	0.8192	0.2125	1.0385	2.8833	255.9612	18.9200	38.3600	50.2100	1.0586		
28/05/2016	95.2930	0.8562	0.2085	1.0884	2.8811	256.4412	20.4300	38.3600	50.2300	1.1286		
29/05/2016	95.3252	0.8602	0.2034	1.0845	2.9030	256.7049	23.4500	38.3600	50.2200	1.1636		
30/05/2016	95.2416	0.8607	0.2111	1.0869	2.8143	256.8728	21.3300	38.3200	50.1100	1.1373		
31/05/2016	95.2874	0.8667	0.2126	1.0883	2.8250	257.3064	21.9400	38.3400	50.2200	1.1111		

\*/ 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>	90.6710	0.4432	0.2004	0.9965	2.6472	255.3863	15.3000	37.9400	49.2300	0.9536		
<b>Promedio</b>	92.7863	0.6135	0.3039	1.1243	2.8148	257.4311	19.0748	38.2606	49.7097	1.0735		
<b>Máximo</b>	95.5996	0.8667	0.8384	1.5910	3.0164	259.5888	23.4500	38.4000	50.3200	1.2423		
<b>Desv. Est.</b>	2.23596	0.18505	0.13940	0.13286	0.08936	1.23383	2.07779	0.13711	0.49136	0.07088		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE