

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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	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.
01/07/2016	94.6623	0.8787	0.2641	1.1428	3.8850	260.0785	20.2400	38.6500	50.4400	0.1158	<10.8	0.00
02/07/2016	95.7800	0.8042	0.2521	1.0563	2.9097	258.5469	34.4400	38.3700	50.3300	0.1158		
03/07/2016	96.0868	0.8036	0.2463	1.0499	2.5835	258.3631	66.8200	38.2900	50.2900	0.1158		
04/07/2016	95.1806	0.8198	0.2498	1.0697	3.5238	258.1575	144.1200	38.5100	50.4100	0.1158		
05/07/2016	95.9804	0.7545	0.2370	0.9915	2.7820	257.0191	72.1600	38.3400	50.3600	0.1158		
06/07/2016	95.6643	0.7527	0.2367	0.9893	2.9809	258.8035	23.5600	38.4700	50.4500	0.1158		
07/07/2016	96.6722	0.6738	0.2350	0.9088	2.1880	256.2287	55.9300	38.1900	50.3400	0.1158		
08/07/2016	97.2252	0.5811	0.2018	0.7829	1.8125	255.6848	48.0500	38.1000	50.3600	0.1158		
09/07/2016	97.0688	0.6236	0.2253	0.8489	1.9134	255.6714	43.6300	38.1100	50.3300	0.1158		
10/07/2016	96.7383	0.6360	0.2277	0.8636	2.1784	255.1972	47.1000	38.2000	50.3700	0.1158		
11/07/2016	96.3794	0.6596	0.2234	0.8830	2.4586	255.2824	55.4300	38.3100	50.4200	0.1158		
12/07/2016	96.9874	0.6354	0.2142	0.8496	1.9944	254.6689	61.5700	38.1200	50.3300	0.1158		
13/07/2016	96.7968	0.6265	0.2174	0.8439	2.1570	257.0708	47.3700	38.2000	50.3800	0.1158		
14/07/2016	96.9519	0.6212	0.1959	0.8172	2.0628	254.1361	39.8900	38.1500	50.3700	0.1158		
15/07/2016	97.0722	0.6173	0.1968	0.8142	1.9532	253.6647	37.4300	38.1200	50.3500	0.1158		
16/07/2016	96.8018	0.6631	0.2469	0.9100	2.1261	253.7361	35.9400	38.1400	50.3000	0.1158		
17/07/2016	96.9969	0.6142	0.2903	0.9045	1.9475	253.7210	35.6600	38.0800	50.2800	0.1158		
18/07/2016	95.5734	0.7789	0.2492	1.0282	3.0711	255.8095	25.4800	38.4600	50.4100	0.1158		
19/07/2016	95.2898	0.8249	0.2503	1.0752	3.2924	257.6808	19.8300	38.5100	50.4000	0.0011		
20/07/2016	95.1614	0.7094	0.2345	0.9439	3.3480	256.1422	64.8400	38.7000	50.6000	0.0011		
21/07/2016	95.1170	0.7409	0.2396	0.9805	3.3909	256.6770	64.9100	38.6800	50.5600	0.0011		
22/07/2016	95.1090	0.7463	0.2367	0.9830	3.4283	253.9649	67.4300	38.6800	50.5600	0.0011		
23/07/2016	94.9584	0.6380	0.2140	0.8519	3.4973	251.6329	108.4800	38.8700	50.7500	0.0011		
24/07/2016	95.0752	0.6527	0.2199	0.8726	3.4114	253.0742	111.9300	38.8000	50.7000	0.0011		
25/07/2016	95.5744	0.7616	0.2409	1.0025	3.0866	253.3790	117.9000	38.4800	50.4400	0.0011		
26/07/2016	95.5939	0.7756	0.2421	1.0177	3.0503	254.7358	120.2900	38.4600	50.4100	0.0011		
27/07/2016	95.5885	0.7874	0.2391	1.0264	3.0353	255.5130	110.7400	38.4700	50.4100	0.0037		
28/07/2016	95.5939	0.7861	0.2423	1.0283	3.0433	254.5214	90.1400	38.4600	50.4100	0.0037		
29/07/2016	95.6878	0.7776	0.2598	1.0374	2.9636	253.7926	109.6200	38.4200	50.3800	0.0450		
30/07/2016	95.7111	0.7772	0.2513	1.0284	2.9754	254.0711	105.6200	38.4000	50.3800	0.0373		
31/07/2016	95.8027	0.7905	0.2512	1.0417	2.8505	255.4649	103.8100	38.3700	50.3500	0.0390		

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

Mínimo	94.6623	0.5811	0.1959	0.7829	1.8125	251.6329	19.8300	38.0800	50.2800	0.0011		
Promedio	95.9639	0.7198	0.2365	0.9563	2.7710	255.5642	67.4310	38.3906	50.4152	0.0717		
Máximo	97.2252	0.8787	0.2903	1.1428	3.8850	260.0785	144.1200	38.8700	50.7500	0.1158		
Desv. Est.	0.76332	0.08079	0.02014	0.09464	0.59018	1.95652	35.05733	0.22001	0.11093	0.05388		

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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	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.
01/07/2016	95.2413	0.9234	0.2898	1.2075	4.2085	262.2642	24.1500	38.7100	50.4900	0.4812		
02/07/2016	97.1238	0.9135	0.2815	1.1950	3.9971	261.2683	82.1200	38.6600	50.4700	0.0087		
03/07/2016	97.2603	0.9373	0.3320	1.2673	3.4450	260.6569	322.1300	38.5400	50.4100	0.0612		
04/07/2016	95.4751	0.8655	0.2939	1.1352	3.9917	262.5162	160.1100	38.6600	50.5200	0.0262		
05/07/2016	96.2981	0.7800	0.2785	1.0395	3.7846	259.1248	322.1300	38.6100	50.4900	0.0350		
06/07/2016	95.7777	0.7820	0.2537	1.0180	3.0418	261.7424	26.8700	38.5200	50.4800	0.1225		
07/07/2016	97.1471	0.7790	0.2762	1.0366	3.0972	260.4065	87.6500	38.5000	50.4600	0.0437		
08/07/2016	97.4471	0.6598	0.2468	0.8921	2.1330	258.3594	54.1400	38.2700	50.4700	0.0350		
09/07/2016	97.1679	0.6877	0.2638	0.9173	2.2796	258.0983	46.1900	38.2400	50.4500	0.0262		
10/07/2016	97.2295	0.6810	0.2806	0.9407	2.6106	258.7542	53.4400	38.3800	50.4800	0.0262		
11/07/2016	96.7988	0.6948	0.2398	0.9312	2.5486	257.8324	57.7600	38.3800	50.4800	0.0262		
12/07/2016	97.2344	0.6778	0.2499	0.9107	2.2480	257.0877	322.3300	38.1900	50.3800	0.0087		
13/07/2016	97.1437	0.6981	0.2592	0.9066	2.4040	261.7362	57.2600	38.3100	50.4400	0.0262		
14/07/2016	97.1701	0.6598	0.2364	0.8557	2.2652	256.7540	42.2700	38.2100	50.4200	0.0262		
15/07/2016	97.3035	0.6871	0.2533	0.8984	2.2010	257.1767	39.3500	38.2000	50.4100	0.0175		
16/07/2016	97.0449	0.7199	0.2893	0.9913	2.2568	256.3625	37.2300	38.1900	50.3800	0.0262		
17/07/2016	97.1391	0.6784	0.3286	0.9706	2.0565	258.7332	36.8300	38.1100	50.3500	0.0350		
18/07/2016	97.0593	0.9401	0.2979	1.2242	3.7195	259.0552	36.7300	38.7900	50.6500	0.0350		
19/07/2016	95.6748	0.8637	0.2710	1.1140	3.4745	263.7791	22.4400	38.6300	50.4600	0.0437		
20/07/2016	95.5631	0.7861	0.2652	1.0505	3.6270	266.6752	100.2300	38.9900	50.7700	0.0525		
21/07/2016	95.5330	0.8716	0.2712	1.1412	3.6452	261.0159	146.7200	38.8600	50.7000	0.0525		
22/07/2016	95.5842	0.8716	0.2711	1.1422	3.6444	260.5777	111.2000	38.8400	50.7100	0.0525		
23/07/2016	95.1158	0.7032	0.2335	0.9304	3.7349	256.5708	115.3300	38.9500	50.8100	0.0525		
24/07/2016	95.2657	0.7018	0.2378	0.9268	3.5946	256.0805	126.0900	38.9300	50.8200	0.0525		
25/07/2016	95.7417	0.8133	0.2580	1.0656	3.3795	257.4983	122.7700	38.7900	50.7100	0.0525		
26/07/2016	95.7498	0.8114	0.2581	1.0640	3.1281	258.0383	170.0700	38.5100	50.4500	0.0525		
27/07/2016	95.7272	0.8309	0.2578	1.0754	3.1328	258.6552	331.4800	38.5000	50.4500	0.0350		
28/07/2016	95.9152	0.8311	0.2640	1.0933	3.2848	289.3478	331.4800	38.7200	50.5700	0.0525		
29/07/2016	95.9950	0.8463	0.2773	1.1113	3.1733	257.3829	116.2300	38.5800	50.5000	0.0700		
30/07/2016	95.8685	0.8082	0.2714	1.0662	3.0978	258.2129	113.1100	38.4600	50.4300	0.0525		
31/07/2016	95.9569	0.8359	0.2705	1.0975	2.9672	258.3208	109.7900	38.4600	50.4000	0.0525		

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Mínimo	95.1158	0.6598	0.2335	0.8557	2.0565	256.0805	22.4400	38.1100	50.3500	0.0087		
Promedio	96.3469	0.7852	0.2696	1.0392	3.1023	260.3253	120.1816	38.5384	50.5165	0.0561		
Máximo	97.4471	0.9401	0.3320	1.2673	4.2085	289.3478	331.4800	38.9900	50.8200	0.4812		
Desv. Est.	0.78920	0.08961	0.02334	0.11061	0.63945	5.90445	100.45922	0.25056	0.13233	0.08170		

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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	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.
01/07/2016	94.3157	0.8099	0.2284	1.0396	3.3219	254.7355	18.2100	38.5600	50.4000	0.7874		
02/07/2016	94.5833	0.6787	0.2187	0.9158	1.7504	255.1397	18.2100	38.0100	50.1800	0.7874		
03/07/2016	95.1489	0.6598	0.1386	0.7984	1.7266	252.7282	18.2100	38.0300	50.0900	0.7874		
04/07/2016	94.7296	0.7544	0.2058	0.9812	3.2388	253.4059	118.1400	38.4100	50.3300	0.7874		
05/07/2016	94.9427	0.7027	0.2023	0.9088	2.5482	252.7608	21.7400	38.2200	50.2900	0.7874		
06/07/2016	95.5748	0.7322	0.2129	0.9606	2.8905	254.0687	21.7400	38.4400	50.4000	0.7874		
07/07/2016	95.5094	0.5736	0.1856	0.7891	1.8363	251.6456	22.9400	38.0800	50.2500	0.7874		
08/07/2016	96.8216	0.5347	0.1636	0.7022	1.6874	252.0645	44.9800	38.0400	50.2800	0.7874		
09/07/2016	96.6890	0.5308	0.2045	0.7466	1.8472	252.1181	41.7600	38.0800	50.2800	0.7874		
10/07/2016	96.1967	0.5965	0.1975	0.8108	1.7950	251.8459	42.3700	38.0600	50.2800	0.7874		
11/07/2016	96.2065	0.6277	0.2013	0.8295	2.1953	252.0531	52.6300	38.1800	50.3600	0.7874		
12/07/2016	96.6911	0.5800	0.1688	0.7797	1.8167	252.2061	52.6300	38.0700	50.2900	0.7874		
13/07/2016	96.4368	0.5866	0.1891	0.7874	1.8723	252.5229	42.0600	38.0700	50.3000	0.7874		
14/07/2016	96.6951	0.5795	0.1630	0.7541	1.9118	250.7700	38.4400	38.1000	50.3300	0.7874		
15/07/2016	96.8479	0.5548	0.1516	0.7461	1.7846	251.1085	36.3300	38.0600	50.2700	0.7874		
16/07/2016	96.6681	0.5781	0.2051	0.8032	1.9725	251.0363	35.0200	38.0800	50.2200	0.7874		
17/07/2016	96.8072	0.5826	0.2288	0.8174	1.8682	250.9067	34.8200	38.0500	50.2500	0.7874		
18/07/2016	94.7046	0.5882	0.2114	0.8188	1.9519	251.3683	18.4200	38.1000	50.2800	0.7874		
19/07/2016	94.9563	0.7610	0.2309	1.0072	2.9971	254.0071	18.4200	38.3900	50.3400	0.7874		
20/07/2016	94.8273	0.6243	0.2092	0.8480	3.0687	251.7627	21.4300	38.4400	50.3800	0.7874		
21/07/2016	94.8067	0.6243	0.2108	0.8484	3.0626	251.8773	23.9500	38.4600	50.3700	0.7874		
22/07/2016	94.8225	0.6667	0.2046	0.8732	3.0785	247.7328	22.1400	38.4100	50.3600	0.7874		
23/07/2016	94.6243	0.5917	0.1913	0.7941	3.3653	248.3018	75.0700	38.7500	50.6300	0.7874		
24/07/2016	94.8313	0.5939	0.1911	0.8037	3.3005	248.1016	101.1400	38.7200	50.6200	0.7874		
25/07/2016	95.0917	0.6367	0.2076	0.8468	2.9432	249.9257	113.8200	38.3800	50.3400	0.7874		
26/07/2016	95.5119	0.7368	0.2241	0.9659	2.9673	249.5015	113.3100	38.3900	50.3600	0.7874		
27/07/2016	95.4393	0.7458	0.2161	0.9761	2.9514	249.9895	105.5600	38.4200	50.3600	0.7874		
28/07/2016	95.3360	0.7253	0.2197	0.9569	2.7667	249.6710	105.5600	38.3700	50.3300	0.7874		
29/07/2016	95.3727	0.7443	0.2288	0.9807	2.7037	250.8983	105.5600	38.3300	50.3100	0.0262		
30/07/2016	95.5740	0.7360	0.2277	0.9789	2.8245	250.1421	100.2300	38.3300	50.3200	0.0175		
31/07/2016	95.5995	0.7546	0.2300	0.9860	2.7644	249.7009	100.2300	38.3200	50.3100	0.0262		

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

Mínimo	94.3157	0.5308	0.1386	0.7022	1.6874	247.7328	18.2100	38.0100	50.0900	0.0175		
Promedio	95.5601	0.6514	0.2022	0.8663	2.4777	251.4225	54.3571	38.2694	50.3261	0.7135		
Máximo	96.8479	0.8099	0.2309	1.0396	3.3653	255.1397	118.1400	38.7500	50.6300	0.7874		
Desv. Est.	0.81008	0.07965	0.02411	0.09352	0.60144	1.83330	36.65915	0.20853	0.10246	0.22964		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE