

ANEXO “A”

**INFORME MENSUAL SOBRE LA CALIDAD DEL GAS NATURAL EN LOS PUNTOS
DE INYECCIÓN CORRESPONDIENTE AL MES DE SEPTIEMBRE 2019 PARA EL
PERMISIONARIO TERMINAL DE LNG DE ALTAMIRA S. DE R.L. DE C.V.**

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)

PERMISIONARIO:	Terminal de LNG de Altamira S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	PEMEX
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 Rocío (K)	Humedad (mg/m³)	Poder Calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Acido Sulfhídrico (mg/m³)	Azufre total* (mg/m³)	Oxígeno* (% vol)
01/09/2019	91.9733	0.0000	0.0166	0.0166	5.3837	234.8572	4.4009	40.9912	52.5012	0.9319	1.0000	0.0050
02/09/2019	92.1189	0.0000	0.0231	0.0231	5.2822	234.4816	4.3239	40.9276	52.4637	0.7283		
03/09/2019	92.1312	0.0000	0.0234	0.0234	5.2752	234.3140	3.8978	40.9216	52.4603	0.5917		
04/09/2019	92.0842	0.0000	0.0215	0.0215	5.3056	234.5160	3.5252	40.9437	52.4731	0.7926		
05/09/2019	91.9460	0.0000	0.0160	0.0160	5.4027	234.9700	3.5269	41.0033	52.5080	0.8548		
06/09/2019	91.9001	0.0000	0.0143	0.0143	5.4369	235.0828	3.7368	41.0214	52.5186	0.7201		
07/09/2019	93.5341	0.0000	0.0222	0.0222	4.3950	228.0592	4.2546	40.3355	52.1411	0.9416		
08/09/2019	95.6023	0.0000	0.0147	0.0147	3.1041	217.9095	4.2160	39.4751	51.6740	0.8013		
09/09/2019	95.5703	0.0000	0.0156	0.0156	3.1213	218.1475	3.9099	39.4886	51.6810	0.8072		
10/09/2019	95.4671	0.0000	0.0111	0.0111	3.1965	218.7051	3.4768	39.5325	51.7073	0.6570		
11/09/2019	95.5312	0.0000	0.0144	0.0144	3.1515	218.2574	3.0781	39.5032	51.6897	0.5899		
12/09/2019	95.5665	0.0000	0.0169	0.0169	3.1238	218.0831	3.5698	39.4881	51.6801	0.9129		
13/09/2019	95.4780	0.0000	0.0108	0.0108	3.1912	218.5552	3.5294	39.5268	51.7043	0.8711		
14/09/2019	95.4830	0.0000	0.0103	0.0103	3.1888	218.5489	3.9248	39.5253	51.7037	0.8046		
15/09/2019	95.4767	0.0000	0.0105	0.0105	3.1925	218.5961	3.8692	39.5279	51.7051	0.6957		
16/09/2019	95.4680	0.0000	0.0124	0.0124	3.1947	218.6735	4.0805	39.5310	51.7059	0.6254		
17/09/2019	95.6992	0.0000	0.0487	0.0487	3.2385	213.8623	4.2073	39.3310	51.5794	0.7855		
18/09/2019	95.8609	0.0000	0.0801	0.0801	3.4526	207.5252	4.0970	39.1196	51.4493	0.7310		
19/09/2019	95.8000	0.0000	0.0547	0.0547	3.5100	208.2560	4.1520	39.1643	51.4860	0.5471		
20/09/2019	95.8763	0.0000	0.0812	0.0812	3.4231	207.5990	4.0875	39.1192	51.4485	0.6348		
21/09/2019	95.8247	0.0000	0.0621	0.0621	3.4834	208.0038	3.8432	39.1501	51.4746	0.5063		
22/09/2019	95.8246	0.0000	0.0609	0.0609	3.4846	208.0894	3.6818	39.1511	51.4758	0.6608		
23/09/2019	95.8099	0.0000	0.0620	0.0620	3.4952	208.1482	3.4628	39.1555	51.4777	0.7831		
24/09/2019	95.7908	0.0000	0.0562	0.0562	3.5165	208.3801	3.5599	39.1660	51.4862	0.6076		
25/09/2019	94.8599	0.0000	0.0669	0.0669	3.9017	216.5463	3.7292	39.6135	51.7264	0.8081		
26/09/2019	93.4180	0.0000	0.0348	0.0348	4.6291	227.3430	3.6380	40.3103	52.1229	0.8513		
27/09/2019	93.7470	0.0000	0.0388	0.0388	4.4690	225.2821	3.4393	40.1526	52.0350	0.6565		
28/09/2019	94.1807	0.0000	0.0555	0.0555	4.2238	222.7310	3.3505	39.9456	51.9141	0.6468		
29/09/2019	94.0152	0.0000	0.0341	0.0341	4.3629	223.4775	3.3708	40.0236	51.9668	0.5698		
30/09/2019	93.8641	0.0000	0.0486	0.0486	4.3865	224.7270	3.7710	40.0972	52.0002	0.6610		

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

Mínimo	91.9001	0.0000	0.0103	0.0103	3.1041	207.5252	3.0781	39.1192	51.4485	0.5063		
Promedio	94.5301	0.0000	0.0346	0.0346	3.9508	220.3909	3.7904	39.8414	51.8653	0.7259		
Máximo	95.8763	0.0000	0.0812	0.0812	5.4369	235.0828	4.4009	41.0214	52.5186	0.9416		
Desv. Est.	1.478279261	9.98492E-07	0.022841255	0.02284116	0.845995745	9.402919772	0.334014431	0.668954943	0.370543693	0.119276247		



Terminal
de LNG
de Altamira

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



PERMISIONARIO:	Terminal de LNG de Altamira S. de R.L. de C.V.									
PUNTO DE MEDICIÓN:	PEMEX									
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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01/09/2019	91.9846	0.0000	0.0173	0.0173	5.3897	234.9271	7.0624	40.9970	52.5043	2.2569
02/09/2019	92.1504	0.0017	0.0251	0.0267	5.4070	239.0088	7.0214	41.0032	52.5076	1.6747
03/09/2019	92.1459	0.0000	0.0242	0.0242	5.2906	236.0564	5.1053	40.9336	52.4672	1.5381
04/09/2019	92.1448	0.0000	0.0242	0.0242	5.3220	235.7425	3.5269	40.9542	52.4791	1.7732
05/09/2019	92.1421	0.0000	0.0229	0.0229	5.4528	235.3904	3.5269	41.0340	52.5260	2.2941
06/09/2019	92.0804	0.0000	0.0213	0.0213	5.4770	237.1334	7.7537	41.0474	52.5331	1.7439
07/09/2019	95.4154	0.0000	0.0661	0.0661	5.3300	234.8028	6.6313	40.9534	52.4790	1.8799
08/09/2019	95.8621	0.0000	0.0227	0.0227	3.2589	219.3246	6.2096	39.5756	51.7298	1.6755
09/09/2019	95.7072	0.0000	0.0210	0.0210	3.2080	218.8192	5.6498	39.5395	51.7110	1.9498
10/09/2019	95.4793	0.0000	0.0113	0.0113	3.2087	218.7936	5.5122	39.5395	51.7111	1.8126
11/09/2019	95.6068	0.0000	0.0184	0.0184	3.2237	218.8866	4.3092	39.5488	51.7163	1.2648
12/09/2019	95.5829	0.0000	0.0186	0.0186	3.1389	218.2654	5.1363	39.4985	51.6862	1.6748
13/09/2019	95.5750	0.0000	0.0170	0.0170	3.5367	222.0684	5.1191	39.7731	51.8397	1.6751
14/09/2019	95.4945	0.0000	0.0106	0.0106	3.2523	219.2108	6.1282	39.5693	51.7279	1.5725
15/09/2019	95.4931	0.0000	0.0107	0.0107	3.2251	218.8448	6.0896	39.5469	51.7155	1.5037
16/09/2019	95.5819	0.0000	0.0180	0.0180	3.2729	219.2910	6.6508	39.5777	51.7326	1.5034
17/09/2019	95.8996	0.0000	0.1260	0.1260	3.4048	218.3310	6.0515	39.4964	51.6839	1.8127
18/09/2019	95.9243	0.0000	0.0992	0.0992	3.5244	219.4833	5.7561	39.1717	51.4884	1.7087
19/09/2019	95.8102	0.0000	0.0556	0.0556	3.5161	215.6441	5.6394	39.1678	51.4879	1.3328
20/09/2019	95.9186	0.0000	0.0954	0.0954	3.5806	209.1642	5.6112	39.2040	51.5081	1.7437
21/09/2019	95.9179	0.0000	0.0924	0.0924	3.5194	208.7477	5.6456	39.1688	51.4895	1.5032
22/09/2019	95.9112	0.0000	0.0917	0.0917	3.5528	223.0603	5.3864	39.1857	51.4990	1.7443
23/09/2019	95.8997	0.0000	0.0883	0.0883	3.5505	231.6784	5.2573	39.1838	51.4970	1.8808
24/09/2019	95.8637	0.0000	0.1024	0.1024	3.5958	238.3095	5.0167	39.2047	51.5109	1.4351
25/09/2019	95.8873	0.0000	0.1028	0.1028	4.4720	226.1692	5.1501	40.1993	52.0551	1.9485
26/09/2019	93.6638	0.0000	0.0586	0.0586	4.6897	227.8926	5.2349	40.3588	52.1518	1.9161
27/09/2019	94.1684	0.0000	0.0569	0.0569	4.6390	227.2624	5.2134	40.3052	52.1225	1.7090
28/09/2019	94.1915	0.0000	0.0576	0.0576	4.2396	222.9215	4.7246	39.9534	51.9180	1.5408
29/09/2019	94.1924	0.0000	0.0552	0.0552	4.3750	224.4542	4.1224	40.0313	51.9717	1.2298
30/09/2019	94.1898	0.0000	0.0551	0.0551	4.4857	226.1913	5.2930	40.2024	52.0573	1.6055
01/10/2019										
Máximo	95.9243	0.0017	0.1260	0.1260	5.4770	239.0088	7.7537	41.0474	52.5331	2.2941
Observaciones:										

TLA-CRE-39-2019
Pág. 5/9

Rio Palmas s/n Col Puerto Industrial Altamira
C.P. 89603, Altamira, Tamulipas.



Terminal
de LNG
de Altamira

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



PERMISIONARIO: Terminal de LNG de Altamira S. de R.L. de C.V.

PUNTO DE MEDICIÓN: PEMEX

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 ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01/09/2019	91.9614	0.0000	0.0158	0.0158	5.3771	234.7825	2.6041	40.9912	52.4978	0.0000
02/09/2019	91.9408	0.0000	0.0158	0.0158	5.2594	234.2301	3.0081	40.9276	52.4550	0.0249
03/09/2019	92.1072	0.0000	0.0222	0.0222	5.2639	234.1707	2.7313	40.9216	52.4566	0.0000
04/09/2019	92.0596	0.0000	0.0201	0.0201	5.2644	234.1972	3.5163	40.9437	52.4573	0.0000
05/09/2019	91.8748	0.0000	0.0128	0.0128	5.2685	234.2644	3.5269	41.0033	52.4586	0.0000
06/09/2019	91.8382	0.0000	0.0126	0.0126	5.3125	234.4288	2.6341	41.0214	52.4730	0.0000
07/09/2019	92.0556	0.0000	0.0173	0.0173	3.1960	218.8943	2.6227	40.3355	51.6901	0.1992
08/09/2019	95.3608	0.0000	0.0111	0.0111	2.9460	216.2462	2.4778	39.4751	51.6170	0.0000
09/09/2019	95.4502	0.0000	0.0111	0.0111	3.0274	217.2903	2.4864	39.4886	51.6463	0.0000
10/09/2019	95.4492	0.0000	0.0109	0.0109	3.1877	218.5454	2.0724	39.5325	51.7043	0.0000
11/09/2019	95.4253	0.0000	0.0094	0.0094	3.0950	217.8499	2.2577	39.5032	51.6701	0.0000
12/09/2019	95.5438	0.0000	0.0156	0.0156	3.1134	217.9198	2.5264	39.4881	51.6759	0.2999
13/09/2019	94.9030	0.0000	0.0101	0.0101	3.1186	218.0001	2.5155	39.5268	51.6780	0.1975
14/09/2019	95.3793	0.0000	0.0102	0.0102	3.1827	218.3954	2.6332	39.5253	51.7005	0.2320
15/09/2019	95.4290	0.0000	0.0103	0.0103	3.1829	218.4258	2.6246	39.5279	51.7009	0.0576
16/09/2019	95.3551	0.0000	0.0103	0.0103	3.1106	218.0533	2.6365	39.5310	51.6768	0.0000
17/09/2019	95.5029	0.0000	0.0161	0.0161	3.1166	207.1426	2.7947	39.3310	51.4119	0.0000
18/09/2019	95.7668	0.0000	0.0546	0.0546	3.3852	206.1340	2.9347	39.1196	51.4163	0.0000
19/09/2019	95.7914	0.0000	0.0542	0.0542	3.5031	207.7287	3.0395	39.1643	51.4825	0.0000
20/09/2019	95.6995	0.0000	0.0538	0.0538	3.3771	207.0688	2.7680	39.1192	51.4289	0.0000
21/09/2019	95.7827	0.0000	0.0521	0.0521	3.3806	207.0600	2.4940	39.1501	51.4302	0.0000
22/09/2019	95.7467	0.0000	0.0517	0.0517	3.3865	207.1329	2.3449	39.1511	51.4323	0.0000
23/09/2019	95.7307	0.0000	0.0492	0.0492	3.3997	207.1453	2.2296	39.1555	51.4371	0.0000
24/09/2019	95.6979	0.0000	0.0489	0.0489	3.4405	207.4324	2.3711	39.1660	51.4399	0.0000
25/09/2019	93.6014	0.0000	0.0501	0.0501	3.4160	207.2786	2.5183	39.6135	51.4482	0.0000
26/09/2019	93.3172	0.0000	0.0290	0.0290	4.4585	226.0797	2.2573	40.3103	52.0469	0.0954
27/09/2019	93.4290	0.0000	0.0295	0.0295	4.2259	222.7598	2.2277	40.1526	51.9164	0.0000
28/09/2019	94.1612	0.0000	0.0537	0.0537	4.2173	222.5914	2.3773	39.9456	51.9115	0.0000
29/09/2019	93.9992	0.0000	0.0323	0.0323	4.2176	222.6461	2.5207	40.0236	51.9113	0.0245
30/09/2019	93.6426	0.0000	0.0318	0.0318	4.2178	222.6350	2.0186	40.0972	51.9124	0.0000
01/10/2019										
Mínimo	91.8382	0.0000	0.0094	0.0094	2.9460	206.1340	2.0186	39.1192	51.4119	0.0000

Observaciones:

TLA-CRE-39-2019
Pág. 6/9

Rio Palmas s/n Col Puerto Industrial Altamira
C.P. 89603, Altamira, Tamulipas.



Terminal
de LNG
de Altamira

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



PERMISIONARIO:	Terminal de LNG de Altamira S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	ALTAMIRA V
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 Rocío (K)	Humedad (mg/m³)	Poder Calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Acido Sulfhídrico (mg/m³)	Azufre total* (mg/m³)	Oxígeno* (% vol)
01/09/2019	92.0207	0.0000	0.0147	0.0147	5.3583	234.9362	2.9426	40.9781	52.4959	0.0000	1.0000	0.0050
02/09/2019	92.1612	0.0000	0.0220	0.0220	5.2626	234.4135	3.0745	40.9146	52.4581	0.0000		
03/09/2019	92.1743	0.0000	0.0226	0.0226	5.2549	234.3579	2.6043	40.9083	52.4544	0.0000		
04/09/2019	92.1277	0.0000	0.0207	0.0207	5.2875	234.5233	3.1235	40.9285	52.4663	0.0000		
05/09/2019	91.9899	0.0000	0.0150	0.0150	5.3842	235.0059	2.9788	40.9885	52.5015	0.0000		
06/09/2019	91.9445	0.0000	0.0129	0.0129	5.4154	235.1659	2.4857	41.0087	52.5133	0.0000		
07/09/2019	93.5809	0.0000	0.0209	0.0209	4.3704	228.0596	3.5384	40.3201	52.1343	0.0000		
08/09/2019	95.6290	0.0000	0.0136	0.0136	3.0922	217.8573	3.5153	39.4656	51.6704	0.0000		
09/09/2019	95.5947	0.0000	0.0154	0.0154	3.1109	218.0891	3.2792	39.4791	51.6769	0.0000		
10/09/2019	95.4945	0.0000	0.0107	0.0107	3.1832	218.6657	3.5035	39.5226	51.7031	0.0000		
11/09/2019	95.5646	0.0000	0.0136	0.0136	3.1310	218.2802	2.5622	39.4934	51.6857	0.0000		
12/09/2019	95.5943	0.0000	0.0157	0.0157	3.1082	218.1226	3.2995	39.4801	51.6773	0.0000		
13/09/2019	95.5052	0.0000	0.0097	0.0097	3.1755	218.6125	3.5432	39.5193	51.7019	0.0000		
14/09/2019	95.5119	0.0000	0.0093	0.0093	3.1729	218.5592	4.2091	39.5164	51.7003	0.0000		
15/09/2019	95.5066	0.0000	0.0094	0.0094	3.1765	218.5893	4.1469	39.5184	51.7014	0.0000		
16/09/2019	95.4992	0.0000	0.0111	0.0111	3.1781	218.6472	4.3154	39.5207	51.7019	0.0000		
17/09/2019	95.7272	0.0000	0.0481	0.0481	3.2260	213.6370	4.1705	39.3194	51.5744	0.0000		
18/09/2019	95.8839	0.0000	0.0790	0.0790	3.4402	206.9524	3.8003	39.1103	51.4458	0.0000		
19/09/2019	95.8244	0.0000	0.0540	0.0540	3.4965	207.6528	3.5414	39.1539	51.4817	0.0000		
20/09/2019	95.9010	0.0000	0.0802	0.0802	3.4091	207.1370	3.3356	39.1092	51.4445	0.0000		
21/09/2019	95.8480	0.0000	0.0611	0.0611	3.4705	207.4867	3.1040	39.1408	51.4711	0.0000		
22/09/2019	95.8488	0.0000	0.0603	0.0603	3.4706	207.4859	3.0336	39.1410	51.4716	0.0000		
23/09/2019	95.8325	0.0000	0.0610	0.0610	3.4825	207.5826	2.9816	39.1466	51.4743	0.0000		
24/09/2019	95.8143	0.0000	0.0554	0.0554	3.5024	207.7045	3.2517	39.1568	51.4826	0.0000		
25/09/2019	94.8821	0.0000	0.0658	0.0658	3.8895	216.4483	3.7140	39.6064	51.7242	0.0000		
26/09/2019	93.4547	0.0000	0.0337	0.0337	4.6115	227.3585	3.4897	40.2976	52.1175	0.0000		
27/09/2019	93.7857	0.0000	0.0378	0.0378	4.4495	225.2514	3.2128	40.1389	52.0290	0.0000		
28/09/2019	94.2094	0.0000	0.0547	0.0547	4.2111	222.6916	3.1066	39.9349	51.9097	0.0000		
29/09/2019	94.0422	0.0000	0.0335	0.0335	4.3506	223.4627	2.8975	40.0141	51.9630	0.0000		
30/09/2019	93.8915	0.0000	0.0480	0.0480	4.3746	224.7411	3.1060	40.0875	51.9962	0.0000		
01/10/2019												

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

Mínimo	91.9445	0.0000	0.0093	0.0093	3.0922	206.9524	2.4857	39.1092	51.4445	0.0000		
Promedio	94.5615	0.0000	0.0337	0.0337	3.9349	220.2493	3.3289	39.8307	51.8609	0.0000		
Máximo	95.9010	0.0000	0.0802	0.0802	5.4154	235.1659	4.3154	41.0087	52.5133	0.0000		
Desv. Est.	1.470933005	0	0.022885541	0.022885541	0.843589086	9.602012438	0.473103753	0.66721078	0.369633114	0		

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



PERMISIONARIO: Terminal de LNG de Altamira S. de R.L. de C.V.

PUNTO DE MEDICIÓN: ALTAMIRA V

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 Rocío (K)	Humedad (mg/m³)	Poder Calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Acido Sulfhídrico (mg/m³)
01/09/2019	92.0290	0.0000	0.0190	0.0190	5.3664	234.9820	2.9426	40.9829	52.4984	0.0000
02/09/2019	92.2010	0.0000	0.0249	0.0249	5.3612	234.9770	3.0745	40.9813	52.4980	0.0000
03/09/2019	92.1898	0.0000	0.0236	0.0236	5.2702	234.4439	2.6043	40.9180	52.4601	0.0000
04/09/2019	92.1930	0.0000	0.0242	0.0242	5.3022	234.6247	3.1235	40.9384	52.4720	0.0000
05/09/2019	92.1795	0.0000	0.0230	0.0230	5.4303	235.2593	2.9788	41.0174	52.5183	0.0000
06/09/2019	92.1236	0.0000	0.0205	0.0205	5.4613	235.4111	2.4857	41.0376	52.5293	0.0000
07/09/2019	95.4539	0.0000	0.0652	0.0652	5.3045	234.6210	3.5384	40.9405	52.4737	0.0000
08/09/2019	95.8657	0.0000	0.0215	0.0215	3.2480	219.3776	3.5153	39.5689	51.7279	0.0000
09/09/2019	95.7331	0.0000	0.0215	0.0215	3.1922	218.7728	3.2792	39.5280	51.7060	0.0000
10/09/2019	95.5062	0.0000	0.0132	0.0132	3.1940	218.7906	3.5035	39.5292	51.7066	0.0000
11/09/2019	95.6348	0.0000	0.0175	0.0175	3.2093	218.9638	2.5622	39.5412	51.7135	0.0000
12/09/2019	95.6099	0.0000	0.0195	0.0195	3.1237	218.2925	3.2995	39.4892	51.6830	0.0000
13/09/2019	95.6077	0.0000	0.0158	0.0158	3.5108	222.0337	3.5432	39.7582	51.8330	0.0000
14/09/2019	95.5239	0.0000	0.0124	0.0124	3.2642	219.3958	4.2091	39.5751	51.7327	0.0000
15/09/2019	95.5212	0.0000	0.0124	0.0124	3.2065	218.8742	4.1469	39.5371	51.7119	0.0000
16/09/2019	95.6125	0.0000	0.0165	0.0165	3.2563	219.2479	4.3154	39.5579	51.7234	0.0000
17/09/2019	95.9273	0.0000	0.1242	0.1242	3.3916	218.2747	4.1705	39.4876	51.6797	0.0000
18/09/2019	95.9436	0.0000	0.0977	0.0977	3.5091	207.8977	3.8003	39.1605	51.4844	0.0000
19/09/2019	95.8338	0.0000	0.0548	0.0548	3.5008	210.2415	3.5414	39.1561	51.4831	0.0000
20/09/2019	95.9443	0.0000	0.0941	0.0941	3.5662	208.3581	3.3356	39.1929	51.5035	0.0000
21/09/2019	95.9416	0.0000	0.0909	0.0909	3.5056	207.7877	3.1040	39.1586	51.4854	0.0000
22/09/2019	95.9362	0.0000	0.0912	0.0912	3.5378	207.9511	3.0336	39.1744	51.4941	0.0000
23/09/2019	95.9198	0.0000	0.0871	0.0871	3.5378	208.0051	2.9816	39.1727	51.4924	0.0000
24/09/2019	95.8895	0.0000	0.1016	0.1016	3.5753	208.2536	3.2517	39.1920	51.5054	0.0000
25/09/2019	95.9091	0.0000	0.1023	0.1023	4.4528	226.2313	3.7140	40.1866	52.0496	0.0000
26/09/2019	93.6985	0.0000	0.0569	0.0569	4.6710	227.8715	3.4897	40.3459	52.1462	0.0000
27/09/2019	94.2027	0.0000	0.0558	0.0558	4.6185	227.2446	3.2128	40.2910	52.1163	0.0000
28/09/2019	94.2198	0.0000	0.0558	0.0558	4.2268	222.8158	3.1066	39.9423	51.9136	0.0000
29/09/2019	94.2199	0.0000	0.0550	0.0550	4.3603	223.5665	2.8975	40.0205	51.9675	0.0000
30/09/2019	94.2195	0.0000	0.0552	0.0552	4.4707	226.2618	3.1060	40.1929	52.0535	0.0000
01/10/2019										
Máximo	95.9443	0.0000	0.1242	0.1242	5.4613	235.4111	4.3154	41.0376	52.5293	0.0000

Observaciones:

TLA-CRE-39-2019

Pág. 8/9

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



PERMISIONARIO:	Terminal de LNG de Altamira S. de R.L. de C.V.
PUNTO DE MEDICIÓN:	ALTAMIRA V
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/m³)	Poder Calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Acido Sulfhídrico (mg/m³)
01/09/2019	92.0064	0.0000	0.0137	0.0137	5.3552	234.8928	1.5685	40.9752	52.4933	0.0000
02/09/2019	92.0109	0.0000	0.0138	0.0138	5.2358	234.2674	1.8009	40.8972	52.4475	0.0000
03/09/2019	92.1501	0.0000	0.0214	0.0214	5.2448	234.3019	1.8009	40.9025	52.4509	0.0000
04/09/2019	92.1050	0.0000	0.0192	0.0192	5.2415	234.3035	1.6847	40.9016	52.4503	0.0000
05/09/2019	91.9221	0.0000	0.0115	0.0115	5.2530	234.3194	1.3362	40.9065	52.4532	0.0000
06/09/2019	91.8729	0.0000	0.0111	0.0111	5.2916	234.5327	1.3943	40.9317	52.4683	0.0000
07/09/2019	92.1009	0.0000	0.0155	0.0155	3.1878	218.9734	2.0333	39.5258	51.6888	0.0000
08/09/2019	95.3826	0.0000	0.0092	0.0092	2.9477	216.2778	1.8590	39.3676	51.6163	0.0000
09/09/2019	95.4796	0.0000	0.0105	0.0105	3.0177	217.2893	1.9752	39.4204	51.6426	0.0000
10/09/2019	95.4768	0.0000	0.0098	0.0098	3.1768	218.5761	1.5685	39.5180	51.6997	0.0000
11/09/2019	95.4496	0.0000	0.0099	0.0099	3.0807	217.8856	1.8009	39.4637	51.6678	0.0000
12/09/2019	95.5719	0.0000	0.0143	0.0143	3.0977	218.0032	1.9171	39.4739	51.6728	0.0000
13/09/2019	94.9459	0.0000	0.0086	0.0086	3.1023	218.0254	2.0333	39.4761	51.6757	0.0000
14/09/2019	95.3675	0.0000	0.0085	0.0085	3.1663	218.3746	2.4014	39.5114	51.6963	0.0000
15/09/2019	95.4596	0.0000	0.0087	0.0087	3.1684	218.4593	2.5561	39.5126	51.6972	0.0000
16/09/2019	95.3824	0.0000	0.0085	0.0085	3.0961	217.9804	2.6723	39.4735	51.6734	0.0000
17/09/2019	95.5287	0.0000	0.0150	0.0150	3.1029	206.9083	2.3238	39.0842	51.4105	0.0000
18/09/2019	95.7917	0.0000	0.0537	0.0537	3.3723	206.0253	2.3818	39.0677	51.4141	0.0000
19/09/2019	95.8164	0.0000	0.0531	0.0531	3.4921	207.5148	2.3818	39.1499	51.4793	0.0000
20/09/2019	95.7240	0.0000	0.0517	0.0517	3.3637	206.7586	1.9752	39.0855	51.4249	0.0000
21/09/2019	95.8039	0.0000	0.0510	0.0510	3.3679	206.8064	1.6847	39.0882	51.4278	0.0000
22/09/2019	95.7712	0.0000	0.0507	0.0507	3.3741	206.8607	1.6266	39.0908	51.4291	0.0000
23/09/2019	95.7588	0.0000	0.0480	0.0480	3.3885	206.9891	1.6266	39.0987	51.4354	0.0000
24/09/2019	95.7275	0.0000	0.0476	0.0476	3.4278	207.1137	1.9752	39.1135	51.4368	0.0000
25/09/2019	93.6385	0.0000	0.0490	0.0490	3.4038	207.1308	2.0914	39.1093	51.4455	0.0000
26/09/2019	93.3527	0.0000	0.0279	0.0279	4.4427	226.0921	1.9752	40.1810	52.0436	0.0000
27/09/2019	93.4681	0.0000	0.0280	0.0280	4.2091	222.7771	1.6266	39.9402	51.9124	0.0000
28/09/2019	94.1890	0.0000	0.0531	0.0531	4.2053	222.5246	1.9752	39.9306	51.9071	0.0000
29/09/2019	94.0277	0.0000	0.0314	0.0314	4.2067	222.5518	1.9752	39.9308	51.9073	0.0000
30/09/2019	93.6713	0.0000	0.0315	0.0315	4.2070	222.5973	1.7428	39.9318	51.9083	0.0000
01/10/2019										
Mínimo	91.8729	0.0000	0.0085	0.0085	2.9477	206.0253	1.3362	39.0677	51.4105	0.0000

Observaciones: