



Altamira, Tamaulipas a 10 de Junio de 2020
Ref. TLA-CRE-028-2020

Terminal de LNG de Altamira

H. COMISIÓN REGULADORA DE ENERGIA
C. SECRETARIO EJECUTIVO

Asunto: Requerimiento de información sobre la calidad de Gas Natural en los puntos de inyección de acuerdo con las especificaciones del gas natural, en cumplimiento con las secciones 6.8.1 y 6.8.2 de la NOM-001-SECRE-2010.

Río Palmas S/N
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JOSE LUIS VITAGLIANO NOVOA, en mi función de Director General, en nombre y representación de Terminal de LNG de Altamira, S. de R. L. de C. V., personalidad acreditada previamente ante esta H. Autoridad, mediante el testimonio notarial No.150,129 de fecha 30 de abril de 2019, otorgado ante la fe del Lic. Joaquín Humberto Cáceres y Ferréaz, titular la notaría No. 21 de la Ciudad de México, y señalando como domicilio para recibir todas clase de notificaciones y documentos, el ubicado en Av. Río Palmas S/N, Col. Puerto Industrial, Altamira, Tamaulipas, C.P. 89603, teléfono (833) 2603700, con el debido respeto comparezco ante esta H. Autoridad para exponer:

I. Antecedentes:

- a. Que con fecha 31 de julio de 2003, mediante la resolución número RES/145/2003, esta H. Comisión resolvió otorgar a favor de mi representada el Permiso de Almacenamiento de Gas Natural de Acceso Abierto número G/138/ALM/2003.
- b. De conformidad con la NOM-001-SECRE-2010 se solicita a mi representada un informe de la calidad de gas natural en los puntos de inyección, conforme a la formalidad



establecida en dicha norma, que se anexa al presente documento como Anexo "A", así como en medio magnético. El informe contiene la calidad para el punto de inyección denominado CENAGAS (antes PEMEX) y para el denominado ALTAMIRA V para el mes de Mayo del año 2020.

Terminal de LNG de Altamira

II. POR LO ANTERIORMENTE EXPUESTO, a esta H. Comisión Reguladora de Energía, respetuosamente solicito:

Primero. Recibir el presente oficio.

Segundo. Tener a Terminal de LNG de Altamira, S. de R.L. de C.V. por debidamente presentada en términos del presente escrito, y por cumplido en tiempo y forma el requerimiento de la NOM-001-SECRE-2010.

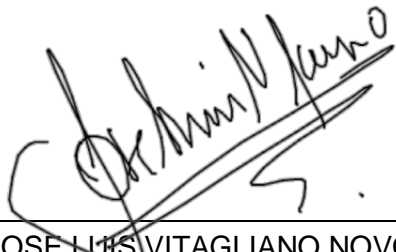
Sin más por el momento, agradezco de antemano la atención prestada a la presente.

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ATENTAMENTE
TERMINAL DE LNG DE ALTAMIRA, S. DE R. L. DE C. V.



JOSE LUIS VITAGLIANO NOVOA
REPRESENTANTE LEGAL



Terminal de LNG de Altamira

ANEXO “A”

Río Palmas S/N
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INFORME MENSUAL SOBRE LA CALIDAD DEL GAS NATURAL EN LOS PUNTOS DE INYECCIÓN CORRESPONDIENTE AL MES DE MAYO 2020 PARA EL PERMISIONARIO TERMINAL DE LNG DE ALTAMIRA S. DE R.L. DE C.V.

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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:	CENAGAS (antes 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/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
01/05/2020	99.8316	0.0000	0.0176	0.0176	0.1476	188.0679	3.3158	37.8147	50.7514	0.1342		
02/05/2020	99.3074	0.0401	0.0475	0.0877	0.5847	196.9150	3.3594	37.9240	50.7692	0.0999		
03/05/2020	99.7191	0.0000	0.0158	0.0158	0.2598	188.3569	3.3563	37.8486	50.7714	0.1621		
04/05/2020	99.5762	0.0000	0.0214	0.0214	0.3906	188.6602	3.4326	37.8880	50.7908	0.2533		
05/05/2020	99.7203	0.0000	0.0173	0.0173	0.2581	188.3532	3.3508	37.8470	50.7698	0.1785		
06/05/2020	99.5428	0.0219	0.0663	0.0882	0.3558	193.2377	2.9360	37.8541	50.7342	0.0536		
07/05/2020	99.8377	0.0000	0.0157	0.0157	0.1441	188.0240	3.5965	37.8140	50.7520	0.2089		
08/05/2020	99.6101	0.0211	0.0383	0.0594	0.3185	193.4592	3.5581	37.8535	50.7479	0.1311		
09/05/2020	99.0033	0.1294	0.1428	0.2722	0.6851	188.4125	3.9187	37.8974	50.6449	0.2513		
10/05/2020	99.7920	0.0000	0.0181	0.0181	0.1858	188.7210	3.3755	37.8259	50.7575	0.1770		
11/05/2020	98.0777	0.2665	0.2301	0.4965	1.3611	191.2338	6.1733	38.0235	50.5793	0.3452		
12/05/2020	99.7021	0.0000	0.0166	0.0166	0.2741	188.5115	3.7737	37.8534	50.7737	0.1924		
13/05/2020	99.6020	0.0000	0.0155	0.0155	0.3759	188.1690	3.7830	37.8826	50.7907	0.3753		
14/05/2020	99.6158	0.0000	0.0242	0.0242	0.3509	188.4125	4.0001	37.8739	50.7816	0.2369		
15/05/2020	99.6462	0.0000	0.0388	0.0388	0.3099	190.1482	4.1259	37.8542	50.7635	0.1344		
16/05/2020	99.5717	0.0000	0.0352	0.0352	0.3834	191.1701	3.7683	37.8795	50.7794	0.0705		
17/05/2020	99.4030	0.0246	0.0605	0.0851	0.4987	195.9148	3.7783	37.8958	50.7584	0.1379		
18/05/2020	99.6468	0.0000	0.0165	0.0165	0.3304	188.5007	3.9857	37.8691	50.7826	0.1818		
19/05/2020	99.1801	0.0395	0.0455	0.0849	0.7166	199.3642	3.9819	37.9615	50.7919	0.2521		
20/05/2020	99.7465	0.0000	0.0459	0.0459	0.2036	188.2480	3.6728	37.8205	50.7411	0.1570		
21/05/2020	98.5990	0.2370	0.1698	0.4068	0.9483	216.1955	5.3830	37.9267	50.5717	0.2541		
22/05/2020	99.6132	0.0257	0.0435	0.0692	0.3069	190.9296	4.3632	37.8456	50.7379	0.2799		
23/05/2020	99.6278	0.0000	0.0156	0.0156	0.3498	188.5434	3.6888	37.8754	50.7865	0.1769		
24/05/2020	99.1283	0.0000	0.1096	0.1096	0.7424	190.1117	3.6918	37.9597	50.7888	0.1609		
25/05/2020	99.3261	0.0000	0.1133	0.1133	0.5230	189.4766	3.6991	37.9065	50.7568	0.1386		
26/05/2020	99.6979	0.0000	0.0268	0.0268	0.2626	188.7578	3.6300	37.8499	50.7668	0.0821		
27/05/2020	99.8723	0.0000	0.0168	0.0168	0.1068	188.0509	3.6772	37.8039	50.7457	0.2898		
28/05/2020	99.6447	0.0129	0.0285	0.0413	0.2995	192.0653	3.5848	37.8575	50.7608	0.1821		
29/05/2020	98.7309	0.1446	0.1792	0.3238	0.9044	188.7327	3.3818	37.9406	50.6402	0.1193		
30/05/2020	99.7585	0.0021	0.0208	0.0229	0.2086	188.2650	3.5595	37.8341	50.7593	0.1658		
31/05/2020	99.8301	0.0000	0.0156	0.0156	0.1511	188.0977	3.7112	37.8164	50.7534	0.2599		

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

Mínimo	98.0777	0.0000	0.0155	0.0155	0.1068	188.0240	2.9360	37.8039	50.5717	0.0536		
Promedio	99.4826	0.0311	0.0538	0.0850	0.4174	191.0034	3.7940	37.8741	50.7451	0.1885		
Máximo	99.8723	0.2665	0.2301	0.4965	1.3611	216.1955	6.1733	38.0235	50.7919	0.3753		
Desv. Est.	0.407576094	0.068382756	0.056519116	0.12138173	0.279644351	5.490485499	0.607049137	0.050408654	0.05694341	0.07662658		

Observaciones:

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: CENAGAS (antes 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 Sulhídrico (mg/m ³)
01/05/2020	99.9164	0.0000	0.0194	0.0194	0.3655	188.9119	4.3764	37.8793	50.7879	0.4392
02/05/2020	99.7138	0.2086	0.1391	0.3477	1.1495	189.8129	4.5989	38.0152	50.8418	0.4393
03/05/2020	99.9385	0.0000	0.0306	0.0306	0.7349	189.3606	4.4421	37.9806	50.8392	0.6452
04/05/2020	99.9179	0.0000	0.0627	0.0627	0.8102	189.6221	4.7189	37.9996	50.8517	1.0230
05/05/2020	99.9470	0.0000	0.0375	0.0375	0.7461	189.4624	4.5641	37.9907	50.8470	1.2418
06/05/2020	99.8405	0.3598	0.2680	0.6278	1.7022	189.3533	4.4669	38.0991	50.7942	1.2978
07/05/2020	99.9501	0.0000	0.0170	0.0170	0.4998	188.1836	4.8132	37.9185	50.8117	0.5748
08/05/2020	99.9371	0.5498	0.4101	0.9599	2.3012	189.6792	7.3616	38.1648	50.8366	0.7484
09/05/2020	99.9516	0.6974	0.5519	1.2494	2.7952	188.9038	10.4693	38.2325	50.8092	0.9537
10/05/2020	99.9478	0.0000	0.0321	0.0321	0.5190	188.1698	4.2806	37.9240	50.8138	0.5756
11/05/2020	99.8015	0.8268	0.6523	1.4790	3.4740	189.2118	14.1753	38.3389	50.8338	1.0571
12/05/2020	99.9377	0.0000	0.0198	0.0198	0.7384	189.4384	5.1610	37.9916	50.8516	0.5757
13/05/2020	99.9298	0.0000	0.0167	0.0167	0.4876	188.7474	5.0496	37.9155	50.8089	0.8517
14/05/2020	99.9037	0.0000	0.0684	0.0684	0.8588	189.7994	5.4331	38.0188	50.8459	0.8181
15/05/2020	99.9375	0.0000	0.1748	0.1748	0.5777	189.0354	5.5183	37.9321	50.8178	0.5758
16/05/2020	99.9252	0.0029	0.1730	0.1759	0.9023	189.2827	5.4955	38.0397	50.8792	0.3712
17/05/2020	99.9214	0.2681	0.2162	0.4843	1.4888	189.3461	5.1286	38.0733	50.8507	0.5066
18/05/2020	99.9401	0.0000	0.0248	0.0248	0.8720	189.7154	5.3292	38.0301	50.8744	0.6804
19/05/2020	99.8098	0.2858	0.1834	0.4692	1.4965	190.2184	5.6084	38.0715	50.8926	0.7489
20/05/2020	99.9362	0.0000	0.2469	0.2469	0.7450	189.4512	4.8137	37.9827	50.8330	0.6104
21/05/2020	99.9320	0.8460	0.5799	1.4259	3.4085	199.9371	12.9852	38.3250	50.7706	1.0921
22/05/2020	99.9027	0.8475	0.5885	1.4359	2.9835	189.3030	17.6784	38.2030	50.8106	1.5375
23/05/2020	99.9331	0.0000	0.0285	0.0285	1.5363	191.3970	4.9719	38.2271	50.9823	0.6809
24/05/2020	99.9052	0.0000	0.3606	0.3606	1.8011	192.1415	4.7994	38.2553	50.9807	0.6804
25/05/2020	99.8924	0.0000	0.4670	0.4670	1.5429	189.1323	4.8252	38.2303	50.9532	0.6102
26/05/2020	99.9408	0.0000	0.0476	0.0476	0.5443	188.4769	4.9433	37.9297	50.8026	0.5070
27/05/2020	99.9446	0.0000	0.0375	0.0375	0.3409	188.5825	5.3835	37.8726	50.7784	0.7482
28/05/2020	99.8881	0.2513	0.1457	0.3971	0.9723	189.2534	5.0967	38.0671	50.8251	0.6801
29/05/2020	99.9045	0.4846	0.5430	1.0276	2.1601	189.8007	5.9004	38.1552	50.7953	0.5423
30/05/2020	99.9274	0.0418	0.0587	0.1004	0.6283	189.4597	4.7146	37.9689	50.8197	0.5077
31/05/2020	99.9441	0.0000	0.0415	0.0415	0.7258	189.3591	4.8699	37.9847	50.8487	0.4055
Máximo	99.9516	0.8475	0.6523	1.4790	3.4740	199.9371	17.6784	38.3389	50.9823	1.5375

Observaciones:

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: CENAGAS (antes 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 Sulhídrico (mg/m ³)
01/05/2020	99.6099	0.0000	0.0154	0.0154	0.0641	187.9608	2.2558	37.8147	50.7376	0.0000
02/05/2020	98.4578	0.0000	0.0159	0.0159	0.2607	188.1256	2.5179	37.9240	50.6480	0.0000
03/05/2020	99.2285	0.0000	0.0121	0.0121	0.0468	187.9216	2.3835	37.8486	50.7370	0.0000
04/05/2020	99.1058	0.0000	0.0134	0.0134	0.0659	187.9607	2.2544	37.8880	50.7396	0.0000
05/05/2020	99.2156	0.0000	0.0119	0.0119	0.0351	187.8977	2.3859	37.8470	50.7328	0.0000
06/05/2020	97.5677	0.0000	0.0126	0.0126	0.1419	188.1245	2.2668	37.8541	50.5314	0.0000
07/05/2020	99.4802	0.0000	0.0138	0.0138	0.0336	187.8922	2.4407	37.8140	50.7329	0.0000
08/05/2020	96.6086	0.0000	0.0121	0.0121	0.0462	187.9221	2.1296	37.8535	50.3672	0.0000
09/05/2020	95.7741	0.0000	0.0161	0.0161	0.0320	187.8887	2.3364	37.8974	50.2367	0.0000
10/05/2020	99.4576	0.0000	0.0145	0.0145	0.0328	187.8934	2.3106	37.8259	50.7313	0.0000
11/05/2020	94.8680	0.0000	0.0160	0.0160	0.1571	188.1594	2.8266	38.0235	50.1607	0.0000
12/05/2020	99.2302	0.0000	0.0157	0.0157	0.0445	187.9178	2.9495	37.8534	50.7347	0.0000
13/05/2020	99.4880	0.0000	0.0149	0.0149	0.0524	187.9351	2.8094	37.8826	50.7364	0.0000
14/05/2020	99.0461	0.0000	0.0151	0.0151	0.0776	187.9823	3.1877	37.8739	50.7397	0.0000
15/05/2020	99.2631	0.0000	0.0160	0.0160	0.0448	187.9167	3.1934	37.8542	50.6713	0.0000
16/05/2020	99.0645	0.0000	0.0120	0.0120	0.0579	187.9631	2.6822	37.8795	50.6954	0.0000
17/05/2020	97.9475	0.0000	0.0149	0.0149	0.0576	187.9403	2.5398	37.8958	50.6071	0.0000
18/05/2020	99.0988	0.0000	0.0138	0.0138	0.0449	187.9148	2.9371	37.8691	50.7317	0.0000
19/05/2020	97.9714	0.0000	0.0133	0.0133	0.1702	188.5591	2.9262	37.9615	50.6078	0.0000
20/05/2020	99.1935	0.0000	0.0162	0.0162	0.0361	187.8917	2.9123	37.8205	50.6067	0.0000
21/05/2020	95.0040	0.0000	0.0239	0.0239	0.0425	187.9050	3.0567	37.9267	50.1740	0.0000
22/05/2020	95.4158	0.0000	0.0143	0.0143	0.0816	187.9911	2.7970	37.8456	50.0986	0.0000
23/05/2020	98.4130	0.0000	0.0120	0.0120	0.0518	187.9332	2.7923	37.8754	50.7378	0.0000
24/05/2020	97.9230	0.0000	0.0161	0.0161	0.0690	187.9595	2.9276	37.9597	50.6295	0.0000
25/05/2020	98.2719	0.0000	0.0175	0.0175	0.0663	187.9296	2.9200	37.9065	50.4493	0.0000
26/05/2020	99.3861	0.0000	0.0133	0.0133	0.0415	187.9099	2.6584	37.8499	50.7325	0.0000
27/05/2020	99.6124	0.0000	0.0133	0.0133	0.0394	187.9080	2.4021	37.8039	50.7351	0.0000
28/05/2020	98.6051	0.0000	0.0127	0.0127	0.0892	188.0250	2.2525	37.8575	50.5783	0.0000
29/05/2020	96.9154	0.0000	0.0152	0.0152	0.0684	187.9617	2.4397	37.9406	50.4420	0.0000
30/05/2020	99.2604	0.0000	0.0132	0.0132	0.0571	187.9423	2.5150	37.8341	50.7226	0.0000
31/05/2020	99.2504	0.0000	0.0123	0.0123	0.0405	187.9091	2.0800	37.8164	50.7353	0.0000
Mínimo	94.8680	0.0000	0.0119	0.0119	0.0320	187.8887	2.0800	37.8039	50.0986	0.0000

Observaciones:

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:	<u>RESTO DEL PAÍS</u>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (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)
01/05/2020	99.4059	0.0000	0.0278	0.0278	0.5387	189.0584	5.8579	37.9376	50.8167	0.0000		
02/05/2020	99.4053	0.0000	0.0278	0.0278	0.5392	189.0608	6.1464	37.9378	50.8169	0.0000		
03/05/2020	99.4048	0.0000	0.0277	0.0277	0.5394	189.0630	6.4980	37.9381	50.8171	0.0000		
04/05/2020	99.4042	0.0000	0.0278	0.0278	0.5398	189.0650	6.8209	37.9383	50.8172	0.0000		
05/05/2020	99.4023	0.0000	0.0285	0.0285	0.5407	189.0680	6.8176	37.9384	50.8168	0.0000		
06/05/2020	99.4011	0.0000	0.0289	0.0289	0.5413	189.0710	5.3722	37.9386	50.8168	0.0000		
07/05/2020	99.4003	0.0000	0.0290	0.0290	0.5417	189.0738	7.1203	37.9388	50.8169	0.0000		
08/05/2020	99.3995	0.0000	0.0293	0.0293	0.5420	189.0756	7.3912	37.9389	50.8168	0.0000		
09/05/2020	99.3980	0.0000	0.0297	0.0297	0.5428	189.0796	6.9031	37.9392	50.8168	0.0000		
10/05/2020	99.3965	0.0000	0.0301	0.0301	0.5436	189.0836	7.7419	37.9395	50.8167	0.0000		
11/05/2020	99.3956	0.0000	0.0301	0.0301	0.5441	189.0880	6.8955	37.9399	50.8169	0.0000		
12/05/2020	99.3948	0.0000	0.0302	0.0302	0.5445	189.0913	8.4887	37.9402	50.8170	0.0000		
13/05/2020	99.4783	0.0024	0.0252	0.0276	0.4725	188.8833	5.5218	37.9151	50.8036	0.0000		
14/05/2020	99.5001	0.0030	0.0240	0.0270	0.4538	188.8288	5.6480	37.9085	50.8000	0.0000		
15/05/2020	99.5057	0.0031	0.0234	0.0265	0.4492	188.8163	5.9723	37.9070	50.7995	0.0000		
16/05/2020	99.5079	0.0032	0.0230	0.0263	0.4475	188.8116	5.7566	37.9065	50.7993	0.0000		
17/05/2020	99.5097	0.0032	0.0222	0.0254	0.4466	188.8099	5.5714	37.9065	50.7997	0.0000		
18/05/2020	99.5103	0.0032	0.0219	0.0251	0.4463	188.8095	6.0894	37.9066	50.7999	0.0000		
19/05/2020	99.5104	0.0032	0.0219	0.0252	0.4461	188.8089	6.2749	37.9065	50.7998	0.0000		
20/05/2020	99.5108	0.0032	0.0217	0.0249	0.4460	188.8088	6.2187	37.9065	50.7999	0.0000		
21/05/2020	99.5104	0.0032	0.0219	0.0251	0.4462	188.8092	7.0646	37.9065	50.7998	0.0000		
22/05/2020	99.5109	0.0032	0.0215	0.0248	0.4460	188.8091	5.6995	37.9066	50.8001	0.0000		
23/05/2020	99.5100	0.0032	0.0221	0.0253	0.4464	188.8094	6.5760	37.9065	50.7998	0.0000		
24/05/2020	99.5097	0.0033	0.0221	0.0254	0.4465	188.8100	6.5173	37.9066	50.7997	0.0000		
25/05/2020	99.5088	0.0032	0.0224	0.0256	0.4472	188.8118	6.7435	37.9067	50.7997	0.0000		
26/05/2020	99.5068	0.0032	0.0226	0.0258	0.4487	188.8167	7.1138	37.9072	50.7999	0.0000		
27/05/2020	99.5088	0.0030	0.0222	0.0252	0.4487	188.8173	4.3631	37.9075	50.8004	0.0000		
28/05/2020	99.5061	0.0031	0.0229	0.0261	0.4507	188.8234	7.5877	37.9080	50.8002	0.0000		
29/05/2020	99.5026	0.0031	0.0238	0.0270	0.4528	188.8304	5.4017	37.9085	50.8001	0.0000		
30/05/2020	99.5000	0.0031	0.0241	0.0272	0.4548	188.8372	8.1321	37.9093	50.8004	0.0000		
31/05/2020	99.4973	0.0030	0.0245	0.0275	0.4568	188.8441	9.3944	37.9100	50.8007	0.0000		

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

Mínimo	99.3948	0.0000	0.0215	0.0248	0.4460	188.8088	4.3631	37.9065	50.7993	0.0000		
Promedio	99.4649	0.0019	0.0252	0.0271	0.4855	188.9185	6.5710	37.9197	50.8066	0.0000		
Máximo	99.5109	0.0033	0.0302	0.0302	0.5445	189.0913	9.3944	37.9402	50.8172	0.0000		
Desv. Est.	0.052297268	0.001553835	0.003195869	0.001754665	0.045511735	0.125938452	1.031596913	0.015457352	0.008326809	0		

Observaciones: Actualmente la ERM Altamira V no se encuentra suministrando gas natural esta se encuentra empacada y lista cuando se requiera entregar una nominación de gas

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 Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01/05/2020	99.4096	0.0000	0.0327	0.0327	0.5397	189.0641	5.8579	37.9382	50.8175	0.0000
02/05/2020	99.4089	0.0000	0.0290	0.0290	0.5402	189.0649	6.1464	37.9384	50.8178	0.0000
03/05/2020	99.4081	0.0000	0.0288	0.0288	0.5404	189.0675	6.4980	37.9387	50.8178	0.0000
04/05/2020	99.4085	0.0000	0.0289	0.0289	0.5406	189.0697	6.8209	37.9389	50.8180	0.0000
05/05/2020	99.4067	0.0000	0.0296	0.0296	0.5416	189.0741	6.8176	37.9388	50.8177	0.0000
06/05/2020	99.4048	0.0000	0.0301	0.0301	0.5422	189.0752	5.3722	37.9392	50.8175	0.0000
07/05/2020	99.4041	0.0000	0.0340	0.0340	0.5426	189.0791	7.1203	37.9393	50.8177	0.0000
08/05/2020	99.4029	0.0000	0.0305	0.0305	0.5429	189.0813	7.3912	37.9395	50.8174	0.0000
09/05/2020	99.4018	0.0000	0.0308	0.0308	0.5437	189.0857	6.9031	37.9398	50.8174	0.0000
10/05/2020	99.4001	0.0000	0.0315	0.0315	0.5446	189.0909	7.7419	37.9401	50.8176	0.0000
11/05/2020	99.3990	0.0000	0.0312	0.0312	0.5449	189.0953	6.8955	37.9405	50.8176	0.0000
12/05/2020	99.3990	0.0000	0.0314	0.0314	0.5454	189.0975	8.4887	37.9408	50.8180	0.0000
13/05/2020	99.5263	0.0038	0.0310	0.0348	0.5454	189.0984	5.5218	37.9411	50.8181	0.0000
14/05/2020	99.5062	0.0035	0.0292	0.0327	0.4589	188.8453	5.6480	37.9105	50.8014	0.0000
15/05/2020	99.5107	0.0036	0.0287	0.0323	0.4517	188.8312	5.9723	37.9080	50.8003	0.0000
16/05/2020	99.5116	0.0039	0.0279	0.0318	0.4491	188.8220	5.7566	37.9073	50.8003	0.0000
17/05/2020	99.5144	0.0036	0.0234	0.0271	0.4475	188.8140	5.5714	37.9072	50.8010	0.0000
18/05/2020	99.5137	0.0036	0.0230	0.0266	0.4472	188.8140	6.0894	37.9071	50.8006	0.0000
19/05/2020	99.5147	0.0037	0.0280	0.0317	0.4472	188.8136	6.2749	37.9070	50.8008	0.0000
20/05/2020	99.5146	0.0038	0.0275	0.0313	0.4467	188.8137	6.2187	37.9073	50.8011	0.0000
21/05/2020	99.5143	0.0038	0.0231	0.0270	0.4468	188.8137	7.0646	37.9071	50.8007	0.0000
22/05/2020	99.5146	0.0038	0.0228	0.0266	0.4468	188.8128	5.6995	37.9072	50.8009	0.0000
23/05/2020	99.5140	0.0039	0.0277	0.0315	0.4473	188.8136	6.5760	37.9071	50.8007	0.0000
24/05/2020	99.5138	0.0037	0.0234	0.0271	0.4473	188.8144	6.5173	37.9072	50.8005	0.0000
25/05/2020	99.5130	0.0036	0.0279	0.0314	0.4487	188.8168	6.7435	37.9075	50.8008	0.0000
26/05/2020	99.5109	0.0037	0.0239	0.0276	0.4499	188.8212	7.1138	37.9079	50.8007	0.0000
27/05/2020	99.5094	0.0035	0.0237	0.0272	0.4494	188.8211	4.3631	37.9079	50.8006	0.0000
28/05/2020	99.5094	0.0036	0.0244	0.0280	0.4522	188.8302	7.5877	37.9090	50.8013	0.0000
29/05/2020	99.5055	0.0035	0.0251	0.0286	0.4543	188.8369	5.4017	37.9093	50.8009	0.0000
30/05/2020	99.5023	0.0035	0.0254	0.0289	0.4568	188.8443	8.1321	37.9101	50.8013	0.0000
31/05/2020	99.4991	0.0033	0.0256	0.0290	0.4585	188.8512	9.3944	37.9110	50.8017	0.0000
Máximo	99.5263	0.0039	0.0340	0.0348	0.5454	189.0984	9.3944	37.9411	50.8181	0.0000

Observaciones:

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/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01/05/2020	99.3992	0.0000	0.0267	0.0267	0.5375	189.0524	4.2409	37.9355	50.8132	0.0000
02/05/2020	99.4017	0.0000	0.0267	0.0267	0.5379	189.0535	4.5313	37.9373	50.8161	0.0000
03/05/2020	99.4013	0.0000	0.0268	0.0268	0.5385	189.0582	4.5894	37.9375	50.8162	0.0000
04/05/2020	99.4007	0.0000	0.0264	0.0264	0.5387	189.0601	4.7056	37.9376	50.8163	0.0000
05/05/2020	99.3988	0.0000	0.0270	0.0270	0.5386	189.0625	5.0542	37.9378	50.8161	0.0000
06/05/2020	99.3975	0.0000	0.0279	0.0279	0.5405	189.0647	4.1247	37.9379	50.8161	0.0000
07/05/2020	99.3940	0.0000	0.0277	0.0277	0.5408	189.0688	4.1247	37.9368	50.8133	0.0000
08/05/2020	99.3957	0.0000	0.0285	0.0285	0.5410	189.0706	4.1828	37.9383	50.8160	0.0000
09/05/2020	99.3943	0.0000	0.0288	0.0288	0.5418	189.0741	4.6015	37.9386	50.8161	0.0000
10/05/2020	99.3930	0.0000	0.0290	0.0290	0.5425	189.0780	4.8799	37.9388	50.8157	0.0000
11/05/2020	99.3919	0.0000	0.0293	0.0293	0.5430	189.0818	5.7513	37.9392	50.8161	0.0000
12/05/2020	99.3911	0.0000	0.0289	0.0289	0.5436	189.0825	6.1015	37.9393	50.8160	0.0000
13/05/2020	99.3907	0.0000	0.0189	0.0189	0.4339	188.7656	4.1247	37.9011	50.7962	0.0000
14/05/2020	99.4893	0.0025	0.0228	0.0253	0.4508	188.8139	4.2989	37.9064	50.7968	0.0000
15/05/2020	99.4968	0.0027	0.0218	0.0245	0.4475	188.8048	4.5894	37.9057	50.7962	0.0000
16/05/2020	99.5002	0.0027	0.0218	0.0245	0.4464	188.8023	3.7761	37.9052	50.7975	0.0000
17/05/2020	99.5057	0.0028	0.0205	0.0234	0.4456	188.8009	3.7180	37.9059	50.7987	0.0000
18/05/2020	99.5066	0.0026	0.0209	0.0235	0.4453	188.8004	4.2989	37.9058	50.7989	0.0000
19/05/2020	99.5036	0.0029	0.0205	0.0234	0.4451	188.7976	4.5313	37.9036	50.7953	0.0000
20/05/2020	99.5030	0.0027	0.0203	0.0230	0.4451	188.7995	4.7637	37.9042	50.7956	0.0000
21/05/2020	99.5068	0.0025	0.0208	0.0233	0.4452	188.7992	5.0542	37.9057	50.7983	0.0000
22/05/2020	99.5075	0.0028	0.0204	0.0232	0.4452	188.7980	4.2989	37.9056	50.7991	0.0000
23/05/2020	99.5021	0.0028	0.0207	0.0236	0.4453	188.7975	4.7056	37.9036	50.7954	0.0000
24/05/2020	99.5061	0.0028	0.0211	0.0240	0.4455	188.7997	5.0542	37.9058	50.7987	0.0000
25/05/2020	99.5005	0.0028	0.0211	0.0238	0.4455	188.8003	5.2285	37.9051	50.7962	0.0000
26/05/2020	99.5029	0.0027	0.0216	0.0242	0.4475	188.8115	4.5894	37.9066	50.7987	0.0000
27/05/2020	99.5029	0.0030	0.0216	0.0245	0.4487	188.8163	4.2989	37.9071	50.7992	0.0000
28/05/2020	99.5034	0.0027	0.0214	0.0241	0.4487	188.8125	4.3570	37.9074	50.7992	0.0000
29/05/2020	99.5004	0.0028	0.0222	0.0250	0.4511	188.8247	4.2409	37.9079	50.7991	0.0000
30/05/2020	99.4966	0.0026	0.0231	0.0258	0.4533	188.8292	5.8094	37.9084	50.7995	0.0000
31/05/2020	99.4950	0.0025	0.0234	0.0259	0.4555	188.8389	6.6808	37.9092	50.7997	0.0000
Mínimo	99.3907	0.0000	0.0189	0.0189	0.4339	188.7656	3.7180	37.9011	50.7953	0.0000

Observaciones: