

Anexo 1.
Reporte de las Especificaciones de la Calidad del Gas Natural
Punto
"San Elizario "

Permisionario G/13491/TRA/2016
Diciembre 2021

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

PERMISIONARIO: GASODUCTO DE AGUAPRIETA, S. DE R.L. DE C.V.

PUNTO DE MEDICIÓN: SAN ELIZARIO (ENERGY TRANSFER)

ZONA DE MEDICIÓN: RESTO DEL PAÍS

PERMISO: G/13491/TRA/2016

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)	Azufre total* (mg/m3)	Oxígeno* (% vol)
12/1/2021	91.9383	0.2347	0.9917	1.2264	4.5234	255.36	8.3753	38.0108	49.5565	0.3645	Menor a 10.8	N.D.
12/2/2021	94.5542	0.2364	0.9653	1.2017	4.1560	255.31	8.0352	38.5749	50.5100	0.2741		
12/3/2021	95.3965	0.2320	1.0132	1.2451	3.2726	255.28	8.3288	38.3679	50.3130	0.3318		
12/4/2021	94.5546	0.2336	1.0455	1.2792	4.1319	255.28	9.1798	38.6111	50.5216	0.2103		
12/5/2021	94.3504	0.2660	1.0214	1.2875	4.2817	255.39	9.5731	38.6132	50.5251	0.1435		
12/6/2021	94.6288	0.2892	0.9371	1.2262	4.1326	255.26	9.2642	38.5782	50.5267	0.2692		
12/7/2021	94.5883	0.3009	0.8823	1.1832	4.1297	255.27	9.0394	38.5697	50.5175	0.0996		
12/8/2021	94.5427	0.3169	0.8681	1.1850	4.2152	255.38	10.2280	38.5709	50.5286	0.3956		
12/9/2021	95.1362	0.2768	0.9520	1.2288	3.5439	255.31	10.0641	38.3933	50.3604	0.3378		
12/10/2021	94.6842	0.3008	0.9268	1.2276	4.0075	255.38	11.0612	38.5120	50.4765	0.3305		
12/11/2021	95.2736	0.2380	1.0450	1.2830	3.4280	255.37	11.3445	38.3041	50.3246	0.3417		
12/12/2021	94.6182	0.2702	1.0449	1.3151	3.9635	255.32	10.6163	38.4744	50.4838	0.3717		
12/13/2021	93.9699	0.2944	0.9171	1.2115	4.5700	255.37	10.9591	38.7788	50.6321	0.1149		
12/14/2021	94.0501	0.3215	0.8393	1.1608	4.6150	255.32	10.0248	38.7873	50.6470	0.2799		
12/15/2021	94.4688	0.3256	0.8637	1.1893	4.3076	255.38	10.2901	38.5594	50.5194	0.1250		
12/16/2021	95.0385	0.3159	0.8711	1.1870	3.7139	255.39	11.0101	38.4789	50.3921	0.1695		
12/17/2021	94.7418	0.3024	0.9346	1.2370	3.9599	255.40	11.8167	38.4934	50.4921	0.2221		
12/18/2021	94.5225	0.2813	0.9900	1.2713	4.1021	255.39	11.2855	38.5262	50.5205	0.1758		
12/19/2021	94.8011	0.2856	0.9415	1.2271	3.8408	255.37	9.7552	38.5400	50.4938	0.4073		
12/20/2021	94.6373	0.2876	0.9443	1.2319	4.0000	255.32	9.8903	38.5219	50.5192	0.1341		
12/21/2021	94.6514	0.2985	0.8896	1.1881	4.0700	255.32	9.2361	38.6020	50.5384	0.1871		
12/22/2021	94.3148	0.3070	0.9239	1.2309	4.3278	255.41	9.5700	38.5937	50.5345	0.3164		
12/23/2021	94.2123	0.2642	1.0098	1.2740	4.4700	255.30	10.0458	38.6212	50.5287	0.2306		
12/24/2021	94.4766	0.2622	0.9972	1.2594	4.2450	255.36	10.1575	38.6132	50.5278	0.1219		
12/25/2021	95.3488	0.2468	1.0068	1.2536	3.3714	255.30	10.0932	38.3701	50.2891	0.4131		
12/26/2021	94.8870	0.2727	0.9468	1.2195	3.7783	255.39	10.7316	38.5125	50.4969	0.1967		
12/27/2021	94.9962	0.2850	0.9326	1.2176	3.7309	255.35	11.7695	38.3119	50.5184	0.2563		
12/28/2021	93.8982	0.3390	0.8143	1.1533	4.8519	255.34	12.2539	38.7783	50.6595	0.2492		
12/29/2021	94.2702	0.3236	0.8644	1.1880	4.4635	255.29	13.0282	38.6166	50.5535	0.2192		
12/30/2021	94.2764	0.2985	0.9589	1.2574	4.4044	255.27	11.8277	38.6016	50.5472	0.2803		
12/31/2021	94.4960	0.2606	1.0107	1.2713	4.1354	255.33	10.4652	38.5463	50.5243	0.1555		

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

**N. D. No Detectado

Mínimo	91.9383	0.2320	0.8143	1.1533	3.2726	255.2569	8.0352	38.0108	49.5565	0.0996		
Promedio	94.5266	0.2828	0.9468	1.2296	4.0885	255.3389	10.3007	38.5301	50.4703	0.2492		
Máximo	95.3965	0.3390	1.0455	1.3151	4.8519	255.4063	13.0282	38.7873	50.6595	0.4131		
Desv. Est.	0.6087	0.0302	0.0638	0.0395	0.3763	0.0437	1.1762	0.1523	0.1901	0.0942		

Observaciones:

Se presento gas fuera de especificación por parámetro de temperatura promedio los días del 1 al 31 de diciembre de 2021.

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

PERMISIONARIO:	GASODUCTO DE AGUAPRIETA, S. DE R.L. DE C.V.			
PUNTO DE MEDICIÓN:	SAN ELIZARIO (ENERGY TRANSFER)			
ZONA DE MEDICIÓN:	RESTO DEL PAÍS			
PERMISO:	G/13491/TRA/2016			
FECHA: (dd/mm/aa)	Temperatura de Rocío (K)	Humedad (mg/m³)	Índice Wobbe (MJ/m³)	Acido Sulfidrico (mg/m³)
12/1/2021	255.36	8.4824	49.7016	0.3779
12/2/2021	255.35	8.3691	50.5808	0.3046
12/3/2021	255.28	9.4869	50.4149	0.3412
12/4/2021	255.31	10.0658	50.6673	0.2359
12/5/2021	255.39	10.0780	50.5387	0.1440
12/6/2021	255.28	9.8232	50.6551	0.3199
12/7/2021	255.30	9.8745	50.5246	0.1350
12/8/2021	255.39	10.5596	50.6659	0.4765
12/9/2021	255.31	11.1193	50.4592	0.4010
12/10/2021	255.38	11.2217	50.5383	0.3709
12/11/2021	255.38	11.9199	50.3581	0.4317
12/12/2021	255.33	11.3912	50.6679	0.4153
12/13/2021	255.38	11.8794	50.7043	0.1326
12/14/2021	255.36	10.4305	50.6518	0.3005
12/15/2021	255.39	11.2040	50.5216	0.1856
12/16/2021	255.40	11.6809	50.4242	0.2099
12/17/2021	255.43	11.9518	50.5674	0.2549
12/18/2021	255.43	11.9391	50.5328	0.2005
12/19/2021	255.40	9.7971	50.5616	0.4483
12/20/2021	255.33	10.6790	50.5806	0.1458
12/21/2021	255.35	9.9356	50.5525	0.2668
12/22/2021	255.41	9.6723	50.6137	0.4039
12/23/2021	255.30	10.1141	50.7066	0.3170
12/24/2021	255.38	10.4661	50.6820	0.1842
12/25/2021	255.30	10.2337	50.3495	0.4337
12/26/2021	255.43	10.9720	50.6492	0.2845
12/27/2021	255.37	12.7317	50.6774	0.2590
12/28/2021	255.38	12.6561	50.7393	0.2925
12/29/2021	255.33	13.5083	50.6690	0.2226
12/30/2021	255.31	12.1696	50.5899	0.2902
12/31/2021	255.35	11.3168	50.5774	0.1917
Máximo	255.43	13.5083	50.7393	0.4765
Observaciones:				

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL (Registros mínimos diarios)				
PERMISIONARIO:	GASODUCTO DE AGUAPRIETA, S. DE R.L. DE C.V.			
PUNTO DE MEDICIÓN:	SAN ELIZARIO (ENERGY TRANSFER)			
ZONA DE MEDICIÓN:	RESTO DEL PAÍS			
PERMISO:	G/13491/TRA/2016			
FECHA: (dd/mm/aa)	Temperatura de Rocío (K)	Humedad (mg/m³)	Índice Wobbe (MJ/m³)	Acido Sulfhídrico (mg/m³)
12/1/2021	255.33	7.2800	49.4123	0.1630
12/2/2021	255.29	7.5061	50.4604	0.0434
12/3/2021	255.25	7.6071	50.2081	0.2599
12/4/2021	255.28	8.3608	50.4302	0.2064
12/5/2021	255.36	8.5854	50.3508	0.0605
12/6/2021	255.22	9.1191	50.3488	0.0793
12/7/2021	255.23	8.7953	50.3864	0.0086
12/8/2021	255.36	10.0942	50.4366	0.2287
12/9/2021	255.30	9.5327	50.2049	0.1811
12/10/2021	255.34	10.8171	50.4430	0.1007
12/11/2021	255.37	10.5455	50.1965	0.0915
12/12/2021	255.31	9.6857	50.3271	0.0318
12/13/2021	255.33	10.1904	50.5706	0.0465
12/14/2021	255.29	8.9040	50.5853	0.1248
12/15/2021	255.36	9.9902	50.4302	0.0625
12/16/2021	255.38	10.6328	50.2175	0.0873
12/17/2021	255.37	11.3890	50.3477	0.2151
12/18/2021	255.35	10.2451	50.3528	0.0861
12/19/2021	255.36	8.6400	50.4853	0.1523
12/20/2021	255.31	9.4123	50.3659	0.1129
12/21/2021	255.31	9.1481	50.4974	0.0205
12/22/2021	255.38	8.9560	50.4571	0.2847
12/23/2021	255.27	9.8449	50.4424	0.0935
12/24/2021	255.33	10.1279	50.4070	0.0552
12/25/2021	255.26	9.8595	50.2421	0.0014
12/26/2021	255.35	10.0996	50.3326	0.1583
12/27/2021	255.33	10.6672	50.4119	0.0142
12/28/2021	255.32	11.8423	50.6104	0.2030
12/29/2021	255.25	12.3970	50.3727	0.1700
12/30/2021	255.26	11.5634	50.5359	0.0151
12/31/2021	255.32	9.5934	50.5036	0.0632
Mínimo	255.2194	7.2800	49.4123	0.0014
Observaciones:				