



P.O. Box 10640 Bozeman, Montana 59719

(406) 460-0903

TO: Randy Pancheco, APWS; Jim Griswold, NMOCD

FROM: Curtis Shuck, Chairman

DATE: November 20, 2022

RE: Fowler Hair #005 (30-025-11107) Orphan Well Pre-Plugging Methane Monitoring

TECHNICAL MEMORANDUM

The Well Done Foundation, Inc. (WDF) performing contract professional services methane monitoring for A-Plus Well Services, Inc. (APWS) for the State of New Mexico Energy, Minerals and Natural Resources Department – Oil Conservation Division (OCD) under Purchase Order #10000002000038AA for Orphan Oil & Gas Wells in Lea County, NM.

The site conditions found at Fowler Hair #001 by the WDF Measure 1 Team on November 12, 2022, at 2:45 P.M. revealed a leaking wellhead with high concentrations of methane gas present and leaking by the production valve at the 2-3/8" tubing and from the 4" casing. The WDF Team performed field gas measurements, collected gas samples and performed a 19.7-hour Methane Emissions Flow Monitoring Test using Ventbuster™ Instruments VB100-052 Ultra-Low Flow Meter with GPS for site location verification.

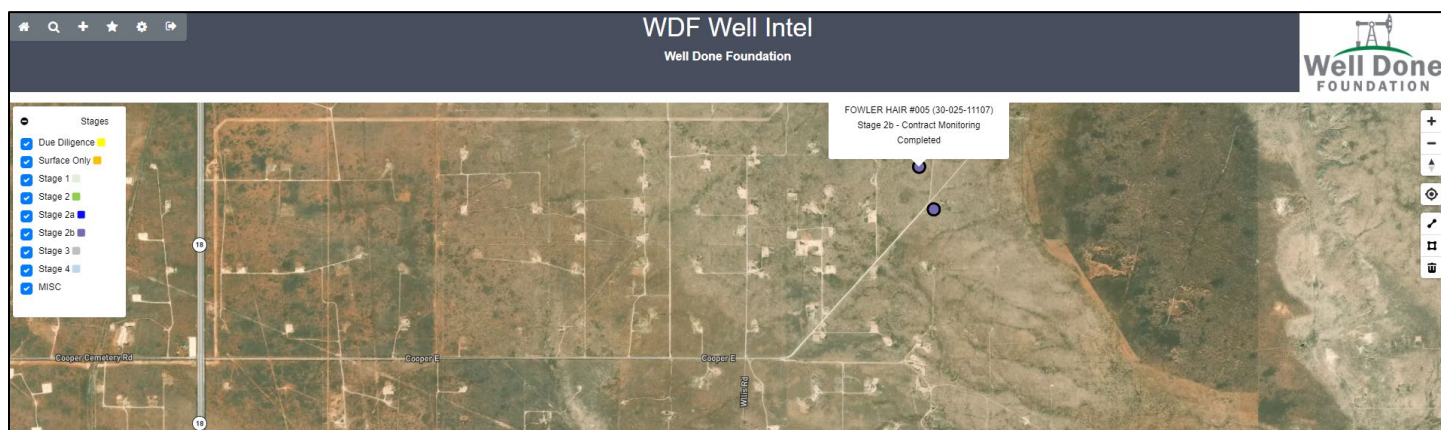


Image 1.1 – Fowler Hair #005 (30-025-11107) Lea County, New Mexico

The findings from the Pre-Plugging Methane Flow Monitoring Test, using Ventbuster™ Instruments VB100-052 Ultra-Low Flow Meter with GPS, resulted in <0.00 cubic meters per day (m³/day) of total measured wellhead emissions over the 19.7-hour period that established an average methane flow rate of <0.00 grams per hour (g/hour). WDF then isolated a 2.4-hour interval measurement within Test ID: 19a421ef, taken during normalized flow, that resulted in an average methane flow rate of <0.00 m³/d and <0.00.37 g/hour. A composite gas sample was collected at the wellhead by WDF during the methane flow test beginning on November 12, 2022, and at the end of the methane flow test on November 13, 2022, approximately 19.7-hours later. Methane gas concentration levels were measured at 4,160 ppm, pursuant to Test ID 20220601990 performed by Laboratory Services of Hobbs, NM on November 16, 2022, at 8:36 A.M. Therefore, the average methane gas emission measured at this wellhead is calculated at **<0.00 grams per hour (g/hour)**.¹ The peak methane gas emission was recorded at 10:43 A.M. on November 13, 2022, well after the flow had stabilized, and would indicate that this orphan well has a higher emission rate potential of **<0.00 grams per hour (g/hour)** and beyond.

¹ Methane Calculation: 554 grams CH₄ per cubic meter (554 x 0.01 = 5.54 g/day total /24 = 0.23 g/hour x 0.00416 (methane concentration) = **<0.00 g/hour CH₄**). **Methane, gas** weighs 0.000554 gram per cubic centimeter or 0.554 kilogram per cubic meter, i.e. density of methane, gas is equal to 0.554 kg/m³; at 0°C (32°F or 273.15K) at standard atmospheric pressure. In Imperial or US customary measurement system, the density is equal to 0.0346 pound per cubic foot [lb/ft³], or 0.0003202 ounce per cubic inch [oz/inch³].

This orphan well does not exceed the >1 g/hour federal program reporting requirements for methane emissions reductions as described in Section 40601 (Orphaned well site plugging, remediation, and restoration) of Title V (Methane Reduction Infrastructure) of the 2021 Bipartisan Infrastructure Law (BIL; Public Law 117-58)².



Image 2.1 – Fowler Hair #005 (30-025-11107) Methane Monitoring Dashboard

BACKGROUND

The Fowler Hair #005 (30-025-11107) Orphan Well is located in Lea County, NM at Latitude 32.2218742, Longitude - 103.1411972 was measured and monitored by the WDF Field Team on 11/12-13/2022 following a Safety Briefing. Per the WDF protocol, the GPS coordinates were updated and the well was photographed from four (4) compass point aspects and closeups capturing the wellhead, field gas analysis results and gas sampling and uploaded to the WDF Well Intel™ IoT site. A Field Gas Analysis was conducted to detect Methane and H2s gas presence and concentration levels using a Honeywell BW Quattro Multi Gas Meter, serial number: QA121-012211.

² These April 11, 2022 Guidelines were developed to meet the federal program reporting requirements for methane emissions reductions as described in Section 40601 (Orphaned well site plugging, remediation, and restoration) of Title V (Methane Reduction Infrastructure) of the 2021 Bipartisan Infrastructure Law (BIL; Public Law 117-58).

WDF Well Intel

Well Site

Info	Well File	Images	Well Data	Regulatory	Field Notes	Access	Remove Well
Name	FOWLER HAIR #001 (30-025-11103)						
Stage	Stage 2b - Contract Monitoring Completed						⌵
GPS	32.21926327332137		✓	-103.14013450416097		✓	
API	30-025-11103						
Contract ID	NMOCD 0038AA / APWS22.001						

Image 3.1 – WDF Well Intel™ Orphan Well Project Management IoT

The WDF Field Team collected Gas Sample #1 and #2 using a 1 Liter Tedlar/TO-Plus Gas Sampling Bag from the casing vent which was flowing gas past the broken off valve and at the casing port at the beginning of the Flow Test at approximately 3:30 P.M MDT on 11.12.2022 as the well was being prepared for the Preliminary Flow Measurement. Gas Sample #2 was collected in the same 1 Liter Tedlar Bag on 11.13.2022 before the Preliminary Flow Test was concluded 10:51 A.M. MDT. The collected Gas Sample was secured and placed in a storage cooler for transport to Laboratory Services, Inc. in Hobbs, NM.

WDF rigged up the Ventbuster™ Instruments VB100-052 Continuous Ultra-Low Flow Meter with GPS for testing site confirmation for a minimum 12-Hour Methane Emission Test and began Test ID: 19a421ef, verifying a cellular signal, cloud link and GPS coordinates on November 12, 2022.

WDF returned to location on 11.13.2022 (approximately 19.7-hours) to conclude the Pre-Plugging Methane Emission Flow Test and rig the VB100-052 down and secure the wellhead. A “Green Ribbon” was placed at the Wellhead indicating that WDF had concluded the Pre-Plugging Methane Flow testing.

TECHNICAL FINDINGS

Fowler Hair #005 (30-025-11107):

- **Total C1 through C6 Gas Concentration: 26,150 ppm**
- **Total Measured Wellhead Gas Emissions: <0.00 m3/day**
- **Methane Gas Concentration: 4,160 ppm**
- **Calculated Average Wellhead Methane Gas Emissions: <0.00 g/hour**
- **Peak Methane Flow Measured at: <0.00 g/hour**

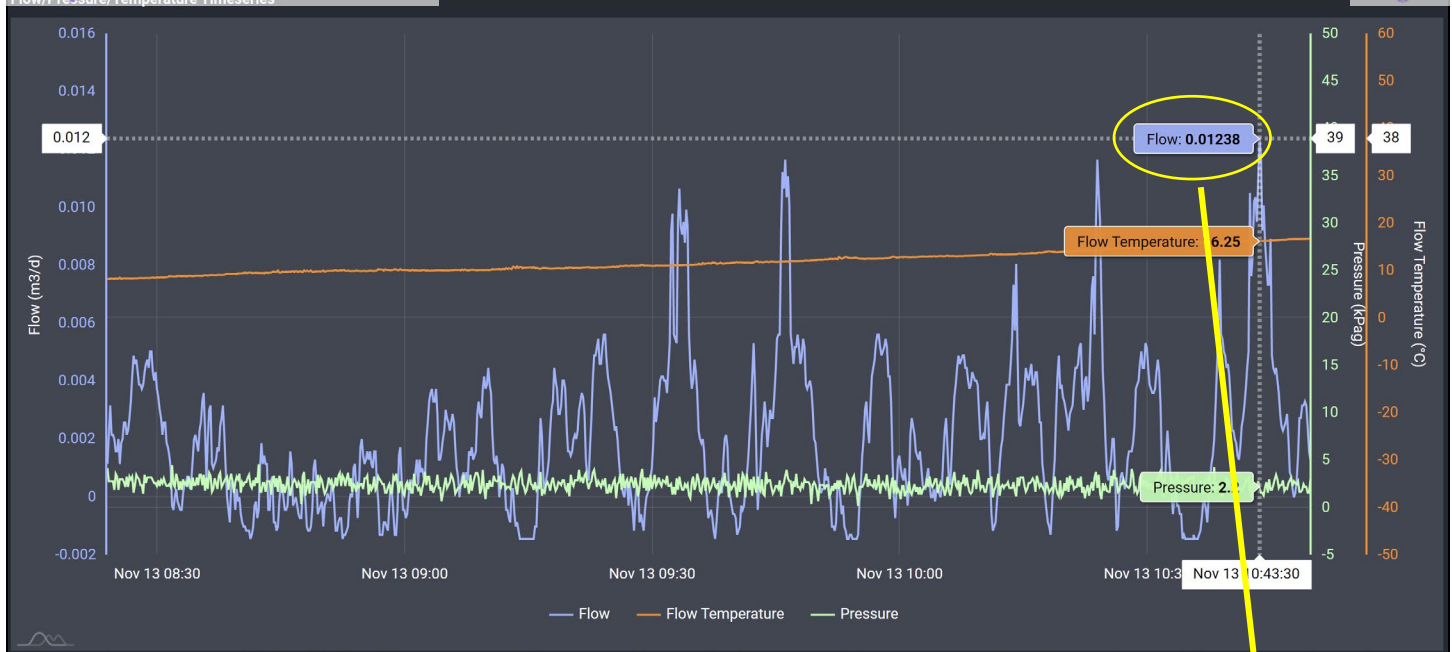


Image 4.1 – Fowler Hair #005 (30-025-11107) Methane Flow/Pressure/Temperature Timeseries & Peak Flow at Interval #1 testing period of 2.4-hours.

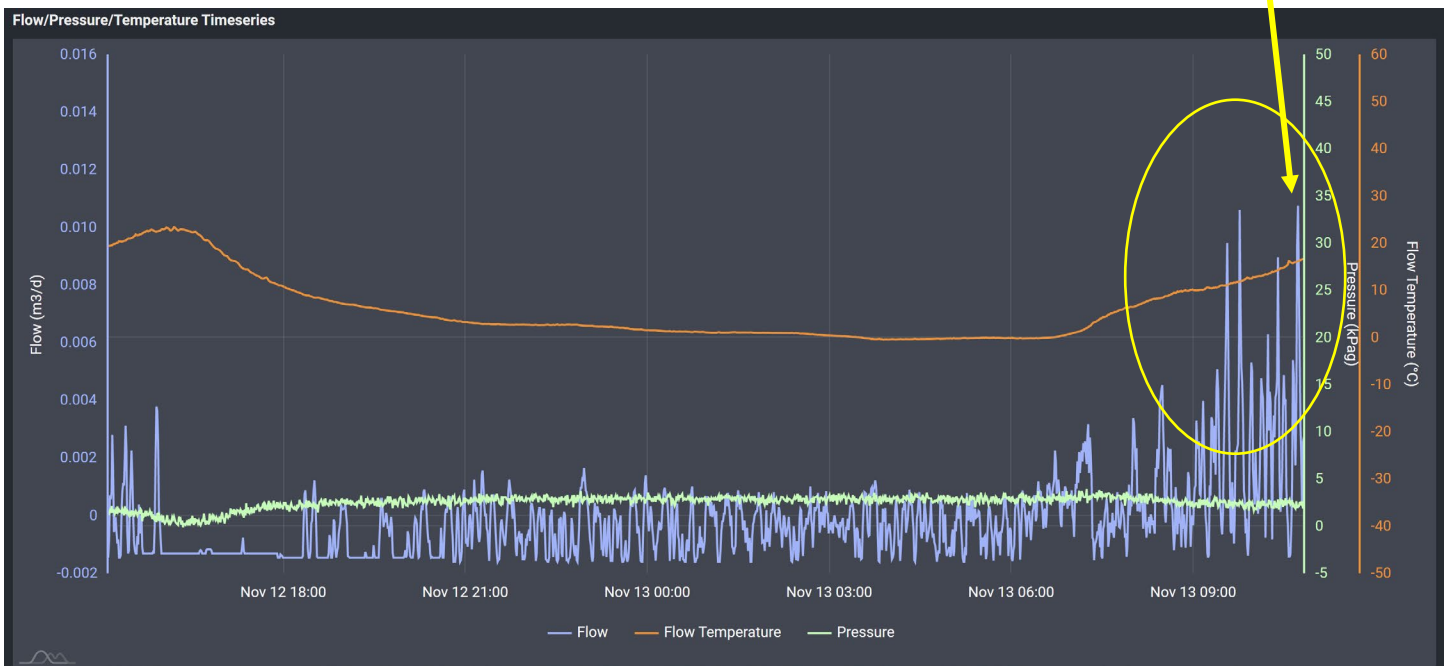


Image 4.2 – Fowler Hair #005 (30-025-11107) Methane Flow/Pressure/Temperature Timeseries & Peak Flow for entire testing period or 19.7-hours.

CONCLUSIONS

- The Fowler Hair #005 (30-025-11107) is currently emitting Methane at the average rate of <0.00 g/hour, which is below the Federal minimum threshold for reporting described in Section 40601 (Orphaned well site plugging, remediation, and restoration) of Title V (Methane Reduction Infrastructure) of the 2021 Bipartisan Infrastructure Law (BIL; Public Law 117-58) which is >1g/hour.
- WDF did capture a Methane Flow Peak at 0.01 m3/day recorded at 10:43 A.M on November 13, 2022, which indicates a higher potential for Methane Emissions however, still not exceeding the Federal minimum threshold, therefore plugging of this well however should not be a priority in the NMOCD schedule.

FIELD NOTES

#	Date	Note
1	2022-11-12	ces: On location with the WDF Measure 1 Team and Rob Layher, owner of VBI. Performed a location Safety Meeting and a visual hazard inspection. Photos following the EDF protocol. Field Gas tests produced elevated levels of methane at the casing vent. Collect gas sample for Lab analysis. Rig up VB100-056 to the 2" casing port for 12-hour Methane Flow Test. Secure location.
2	2022-11-20	FV returned to location to collect gas sample 2 and rig down VB100-056. Successful test. Secure location. WILDCAT OUT!

Image 5.1 – Fowler Hair #005 (30-025-11107) Field Notes from WDF Well Intel™ Orphan Well Project Management IoT

Appendix A – Site Photos for Fowler Hair #005 (30-025-11107)



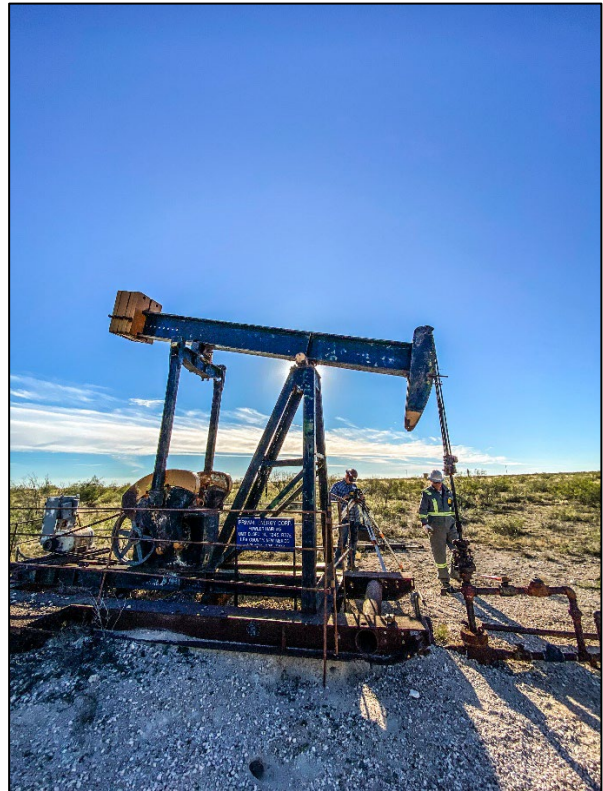
1) Fowler Hair #005 (30-025-11107) – North Facing



2) Fowler Hair #005 (30-025-11107) – East Facing



3) Fowler Hair #005 (30-025-11107) – Gas Sample



4) Fowler Hair #005 (30-025-11107) – West Facing

Well Done Foundation, Inc. / Ventbuster Test Data

Test ID: 63712ea990b40c5919a421ef
 Start Date: Sat Nov 12 2022 22:06:23 GMT+0000 (Coordinated Universal Time)
 End Date: Sun Nov 13 2022 17:51:27 GMT+0000 (Coordinated Universal Time)
 Device: VB100-0052
 Well Owner: Well Done Foundation Inc.
 Service Provider: Well Done Foundation Inc.
 Well Licensee: NMOCD
 Well Name: Fowler hair 5
 UWI: 30-025-11107
 Well License Number: 30-025-11107
 Surface Location: Fowler hair
 Bottom Hole Location: unknown
 Test Operator: f.v
 Authorized By: NMOCD
 Test Reason: IJJA/PRE PLUG
 Scope of Work: 12-Hour
 AFE Number: NMOCD038AA/APWS22.001
 GPS: 32.22195 -103.14125
 Notes: monitoring casing flow
 Field Notes:

time	Flow_m3_per_day	Pressure_kPag	Flow_Temperature_C	Shut_in_Status_Mode
2022-11-12T22:06:23.000Z	-0.00144	1.56	19.582	0
2022-11-12T22:07:12.377Z	-0.0008352	1.4	19.546	0
2022-11-12T22:08:01.754Z	0.00072	1.68	19.55	0
2022-11-12T22:08:51.131Z	0.000576	1.44	19.616	0
2022-11-12T22:09:40.508Z	0.0008352	2.18	19.654	0
2022-11-12T22:10:29.885Z	0.0028224	1.46	19.666	0
2022-11-12T22:11:19.262Z	0.0016128	1.76	19.86	0
2022-11-12T22:12:08.639Z	-0.0005472	1.74	19.904	0
2022-11-12T22:12:58.016Z	-0.0004032	1.38	19.982	0
2022-11-12T22:13:47.393Z	-3.6E-05	1.7	20.035	0
2022-11-12T22:14:36.770Z	-0.0005472	1.38	20.128	0
2022-11-12T22:15:26.147Z	-0.0009504	2.14	20.192	0
2022-11-12T22:16:15.524Z	-0.0008064	1.58	20.266	0
2022-11-12T22:17:04.901Z	-0.00144	1.78	20.538	0
2022-11-12T22:17:54.278Z	-0.00144	1.6	20.498	0
2022-11-12T22:18:43.655Z	-0.0013536	1.66	20.478	0
2022-11-12T22:19:33.032Z	0.000144	1.52	20.4	0
2022-11-12T22:20:22.409Z	0.000864	1.88	20.46	0
2022-11-12T22:21:11.786Z	0.001152	1.6	20.514	0
2022-11-12T22:22:01.163Z	0.0010656	1.2	20.574	0
2022-11-12T22:22:50.540Z	0.00216	2.16	20.622	0
2022-11-12T22:23:39.917Z	0.0031392	1.3	20.676	0
2022-11-12T22:24:29.294Z	0.002304	1.82	20.782	0
2022-11-12T22:25:18.671Z	-0.0005472	1.76	20.97	0
2022-11-12T22:26:08.048Z	-0.001296	1.34	21.088	0
2022-11-12T22:26:57.425Z	-0.001188	1.175	21.0925	0
2022-11-12T22:27:46.802Z	0.0002304	1.62	21.082	0
2022-11-12T22:28:36.179Z	0.0012096	1.06	21.122	0
2022-11-12T22:29:25.556Z	0.0022752	1.72	21.184	0
2022-11-12T22:30:14.933Z	0.0013536	1.2	21.264	0
2022-11-12T22:31:04.310Z	0.0000576	1.66	21.402	0
2022-11-12T22:31:53.687Z	-0.0008928	1.04	21.552	0
2022-11-12T22:32:43.064Z	-0.0011808	1.44	21.696	0
2022-11-12T22:33:32.441Z	-0.001296	1.66	21.982	0
2022-11-12T22:34:21.818Z	-0.001296	1.42	21.828	0
2022-11-12T22:35:11.195Z	-0.0006912	1.18	21.76	0

2022-11-12T22:36:00.572Z	-0.0009792	1.48	21.852	0
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2022-11-12T22:38:28.703Z	-0.0002016	1.88	21.956	0
2022-11-12T22:39:18.080Z	0.0000288	1.74	22.05	0
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2022-11-12T22:40:56.834Z	-0.001296	1.42	22.298	0
2022-11-12T22:41:46.211Z	-0.001296	1.18	22.414	0
2022-11-12T22:42:35.588Z	-0.001296	1.42	22.478	0
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2022-11-12T22:44:14.342Z	-0.001296	1.66	22.674	0
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2022-11-12T22:49:10.604Z	-0.001296	1.6	22.984	0
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2022-11-12T22:51:38.735Z	-0.001296	0.82	22.702	0
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2022-11-12T22:54:06.866Z	0.0038016	0.48	22.55	0
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2022-11-12T22:56:34.997Z	0.0001728	0.6	22.704	0
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2022-11-12T23:03:10.013Z	-0.001296	0.48	23.28	0
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2022-11-12T23:18:48.176Z	-0.001296	0.2	23.06	0
2022-11-12T23:19:37.553Z	-0.001296	0.66	23.032	0
2022-11-12T23:20:26.930Z	-0.001296	-0.06	22.988	0
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2022-11-12T23:22:05.684Z	-0.001296	0.28	22.91	0
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2022-11-12T23:23:44.438Z	-0.001296	0.38	22.808	0
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2022-11-12T23:25:23.192Z	-0.001296	0.12	22.696	0
2022-11-12T23:26:12.569Z	-0.001296	0.8	22.636	0
2022-11-12T23:27:01.946Z	-0.001296	0.12	22.612	0
2022-11-12T23:27:51.323Z	-0.001296	0.66	22.548	0
2022-11-12T23:28:40.700Z	-0.001296	0.52	22.454	0
2022-11-12T23:29:30.077Z	-0.001296	1.14	22.398	0
2022-11-12T23:30:19.454Z	-0.001296	0.7	22.41	0
2022-11-12T23:31:08.831Z	-0.001296	0.16	22.45	0
2022-11-12T23:31:58.208Z	-0.001296	0.88	22.48	0
2022-11-12T23:32:47.585Z	-0.001296	0.54	22.504	0
2022-11-12T23:33:36.962Z	-0.001296	0.72	22.388	0
2022-11-12T23:34:26.339Z	-0.001296	0.675	22.21	0
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2022-11-12T23:37:43.847Z	-0.0011808	0.12	21.714	0
2022-11-12T23:38:33.224Z	-0.0012096	0.36	21.552	0
2022-11-12T23:39:22.601Z	-0.001296	0.7	21.334	0
2022-11-12T23:40:11.978Z	-0.001296	0.66	21.062	0
2022-11-12T23:41:01.355Z	-0.001296	1.38	20.846	0
2022-11-12T23:41:50.732Z	-0.001296	0.7	20.758	0
2022-11-12T23:42:40.109Z	-0.001296	0.2	20.716	0
2022-11-12T23:43:29.486Z	-0.0011808	0.66	20.712	0
2022-11-12T23:44:18.863Z	-0.001152	0.28	20.752	0
2022-11-12T23:45:08.240Z	-0.001152	0.6	20.666	0
2022-11-12T23:45:57.617Z	-0.001152	0.22	20.574	0
2022-11-12T23:46:46.994Z	-0.001152	1.38	20.372	0
2022-11-12T23:47:36.371Z	-0.001152	0.7	20.1325	0
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2022-11-12T23:49:15.125Z	-0.001296	1.14	19.682	0
2022-11-12T23:50:04.502Z	-0.001296	0.82	19.494	0
2022-11-12T23:50:53.879Z	-0.001296	1.12	19.304	0
2022-11-12T23:51:43.256Z	-0.001296	0.94	19.154	0
2022-11-12T23:52:32.633Z	-0.001296	0.7	19.002	0
2022-11-12T23:53:22.010Z	-0.001296	1	18.908	0
2022-11-12T23:54:11.387Z	-0.001296	0.8	18.864	0
2022-11-12T23:55:00.764Z	-0.001296	0.54	18.788	0
2022-11-12T23:55:50.141Z	-0.001296	0.8	18.702	0
2022-11-12T23:56:39.518Z	-0.001296	1.08	18.596	0
2022-11-12T23:57:28.895Z	-0.001296	0.42	18.412	0
2022-11-12T23:58:18.272Z	-0.001296	1.16	18.252	0
2022-11-12T23:59:07.649Z	-0.001296	1.52	18.04	0
2022-11-12T23:59:57.026Z	-0.001296	0.92	17.814	0
2022-11-13T00:00:46.403Z	-0.001296	0.775	17.6275	0
2022-11-13T00:01:35.780Z	-0.001296	0.32	17.494	0
2022-11-13T00:02:25.157Z	-0.001296	0.96	17.448	0
2022-11-13T00:03:14.534Z	-0.001296	1.44	17.41	0
2022-11-13T00:04:03.911Z	-0.001296	1.08	17.354	0
2022-11-13T00:04:53.288Z	-0.001296	0.94	17.156	0
2022-11-13T00:05:42.665Z	-0.001296	1.14	16.904	0
2022-11-13T00:06:32.042Z	-0.001296	1.1	16.694	0
2022-11-13T00:07:21.419Z	-0.001296	1.94	16.534	0
2022-11-13T00:08:10.796Z	-0.001296	1.66	16.474	0
2022-11-13T00:09:00.173Z	-0.001296	1.42	16.436	0
2022-11-13T00:09:49.550Z	-0.001296	1.44	16.394	0
2022-11-13T00:10:38.927Z	-0.001296	1.86	16.34	0

2022-11-13T00:11:28.304Z	-0.001296	1.26	16.322	0
2022-11-13T00:12:17.681Z	-0.001296	1.58	16.256	0
2022-11-13T00:13:07.058Z	-0.001296	1.4	16.154	0
2022-11-13T00:13:56.435Z	-0.001296	1.775	16.0275	0
2022-11-13T00:14:45.812Z	-0.001296	1.74	15.89	0
2022-11-13T00:15:35.189Z	-0.001296	1.66	15.676	0
2022-11-13T00:16:24.566Z	-0.001296	1.48	15.43	0
2022-11-13T00:17:13.943Z	-0.001296	1.82	15.192	0
2022-11-13T00:18:03.320Z	-0.001296	1.62	15.018	0
2022-11-13T00:18:52.697Z	-0.0010368	1.4	14.848	0
2022-11-13T00:19:42.074Z	-0.0007488	1.72	14.75	0
2022-11-13T00:20:31.451Z	-0.0012096	0.96	14.682	0
2022-11-13T00:21:20.828Z	-0.001296	1.84	14.616	0
2022-11-13T00:22:10.205Z	-0.001296	1.18	14.56	0
2022-11-13T00:22:59.582Z	-0.001296	2.5	14.578	0
2022-11-13T00:23:48.959Z	-0.001296	1.42	14.58	0
2022-11-13T00:24:38.336Z	-0.001296	2.04	14.512	0
2022-11-13T00:25:27.713Z	-0.001296	1.52	14.354	0
2022-11-13T00:26:17.090Z	-0.001296	1.4	14.164	0
2022-11-13T00:27:06.467Z	-0.001296	1.6	14	0
2022-11-13T00:27:55.844Z	-0.001296	2.08	13.884	0
2022-11-13T00:28:45.221Z	-0.001296	1.58	13.798	0
2022-11-13T00:29:34.598Z	-0.001296	1.74	13.718	0
2022-11-13T00:30:23.975Z	-0.001296	1.44	13.616	0
2022-11-13T00:31:13.352Z	-0.001296	1.94	13.48	0
2022-11-13T00:32:02.729Z	-0.001296	1.84	13.358	0
2022-11-13T00:32:52.106Z	-0.001296	1.86	13.256	0
2022-11-13T00:33:41.483Z	-0.001296	2.26	13.18	0
2022-11-13T00:34:30.860Z	-0.001296	2.32	13.114	0
2022-11-13T00:35:20.237Z	-0.001296	2.02	13.064	0
2022-11-13T00:36:09.614Z	-0.001296	1.58	12.952	0
2022-11-13T00:36:58.991Z	-0.001296	1.84	12.816	0
2022-11-13T00:37:48.368Z	-0.001296	2.02	12.696	0
2022-11-13T00:38:37.745Z	-0.001296	2.02	12.622	0
2022-11-13T00:39:27.122Z	-0.001296	2.38	12.596	0
2022-11-13T00:40:16.499Z	-0.001296	2.5	12.605	0
2022-11-13T00:41:05.876Z	-0.001296	1.82	12.686	0
2022-11-13T00:41:55.253Z	-0.001296	2.32	12.794	0
2022-11-13T00:42:44.630Z	-0.001296	2.12	12.82	0
2022-11-13T00:43:34.007Z	-0.001296	1.68	12.69	0
2022-11-13T00:44:23.384Z	-0.001296	2.26	12.434	0
2022-11-13T00:45:12.761Z	-0.001296	2.74	12.15	0
2022-11-13T00:46:02.138Z	-0.001296	1.78	11.994	0
2022-11-13T00:46:51.515Z	-0.001296	2.52	11.908	0
2022-11-13T00:47:40.892Z	-0.001296	1.88	11.808	0
2022-11-13T00:48:30.269Z	-0.001296	1.98	11.764	0
2022-11-13T00:49:19.646Z	-0.001296	2.1	11.736	0
2022-11-13T00:50:09.023Z	-0.001296	2.76	11.706	0
2022-11-13T00:50:58.400Z	-0.001296	2.22	11.648	0
2022-11-13T00:51:47.777Z	-0.001296	2	11.546	0
2022-11-13T00:52:37.154Z	-0.001296	2.18	11.442	0
2022-11-13T00:53:26.531Z	-0.001296	2.6	11.3625	0
2022-11-13T00:54:15.908Z	-0.00144	2	11.262	0
2022-11-13T00:55:05.285Z	-0.00144	2.28	11.188	0
2022-11-13T00:55:54.662Z	-0.00144	1.92	11.16	0
2022-11-13T00:56:44.039Z	-0.0013248	2.38	11.152	0
2022-11-13T00:57:33.416Z	-0.0013536	2.14	11.092	0
2022-11-13T00:58:22.793Z	-0.0013824	2.16	11.046	0

2022-11-13T00:59:12.170Z	-0.00144	1.86	10.948	0
2022-11-13T01:00:01.547Z	-0.00144	2.6	10.854	0
2022-11-13T01:00:50.924Z	-0.00144	2.2	10.786	0
2022-11-13T01:01:40.301Z	-0.00144	2.6	10.7	0
2022-11-13T01:02:29.678Z	-0.00144	2.18	10.602	0
2022-11-13T01:03:19.055Z	-0.00144	1.78	10.516	0
2022-11-13T01:04:08.432Z	-0.00144	2.28	10.468	0
2022-11-13T01:04:57.809Z	-0.00144	1.84	10.422	0
2022-11-13T01:05:47.186Z	-0.00144	1.58	10.362	0
2022-11-13T01:06:36.563Z	-0.00144	2.225	10.275	0
2022-11-13T01:07:25.940Z	-0.00144	2.48	10.22	0
2022-11-13T01:08:15.317Z	-0.00144	2.12	10.154	0
2022-11-13T01:09:04.694Z	-0.00144	2.04	10.12	0
2022-11-13T01:09:54.071Z	-0.00144	1.92	10.072	0
2022-11-13T01:10:43.448Z	-0.00144	2.06	9.99	0
2022-11-13T01:11:32.825Z	-0.00144	1.82	9.914	0
2022-11-13T01:12:22.202Z	-0.00144	1.76	9.82	0
2022-11-13T01:13:11.579Z	-0.00144	2.34	9.74	0
2022-11-13T01:14:00.956Z	-0.00144	2.04	9.674	0
2022-11-13T01:14:50.333Z	-0.00144	2.15	9.6725	0
2022-11-13T01:15:39.710Z	-0.00144	2.82	9.6	0
2022-11-13T01:16:29.087Z	-0.00144	2.56	9.534	0
2022-11-13T01:17:18.464Z	-0.00144	2.44	9.47	0
2022-11-13T01:18:07.841Z	-0.00144	2	9.386	0
2022-11-13T01:18:57.218Z	-0.0013824	2.28	9.282	0
2022-11-13T01:19:46.595Z	-0.000108	2.15	9.19	0
2022-11-13T01:20:35.972Z	0.0007488	2.22	9.142	0
2022-11-13T01:21:25.349Z	0.0008928	2.14	9.084	0
2022-11-13T01:22:14.726Z	0.0003744	2.8	9.062	0
2022-11-13T01:23:04.103Z	-0.0004608	2.26	9.018	0
2022-11-13T01:23:53.480Z	-0.0011808	2.02	9.036	0
2022-11-13T01:24:42.857Z	-0.00144	2.74	9.024	0
2022-11-13T01:25:32.234Z	-0.00144	2.12	8.952	0
2022-11-13T01:26:21.611Z	-0.0012384	2.42	8.856	0
2022-11-13T01:27:10.988Z	-0.0002592	2.28	8.778	0
2022-11-13T01:28:00.365Z	-0.000144	2.1	8.742	0
2022-11-13T01:28:49.742Z	0.0004608	2.34	8.678	0
2022-11-13T01:29:39.119Z	0.0008928	2.5	8.606	0
2022-11-13T01:30:28.496Z	0.0012384	2.12	8.56	0
2022-11-13T01:31:17.873Z	0.00072	2.26	8.542	0
2022-11-13T01:32:07.250Z	-0.0002592	1.88	8.542	0
2022-11-13T01:32:56.627Z	-0.0014112	2.36	8.564	0
2022-11-13T01:33:46.004Z	-0.00144	1.5	8.5925	0
2022-11-13T01:34:35.381Z	-0.00144	2.24	8.58	0
2022-11-13T01:35:24.758Z	-0.00144	2.62	8.5	0
2022-11-13T01:36:14.135Z	-0.00144	2.68	8.42	0
2022-11-13T01:37:03.512Z	-0.00144	2.84	8.362	0
2022-11-13T01:37:52.889Z	-0.00144	2.52	8.31	0
2022-11-13T01:38:42.266Z	-0.00144	2.16	8.284	0
2022-11-13T01:39:31.643Z	-0.00144	2.64	8.214	0
2022-11-13T01:40:21.020Z	-0.00144	2.44	8.178	0
2022-11-13T01:41:10.397Z	-0.00144	2.98	8.152	0
2022-11-13T01:41:59.774Z	-0.00144	2.4	8.138	0
2022-11-13T01:42:49.151Z	-0.00144	2.46	8.12	0
2022-11-13T01:43:38.528Z	-0.00144	2.38	8.03	0
2022-11-13T01:44:27.905Z	-0.001296	2.26	7.944	0
2022-11-13T01:45:17.282Z	-0.0006624	2.62	7.876	0
2022-11-13T01:46:06.659Z	-0.0008064	2.86	7.874	0

2022-11-13T01:46:56.036Z	-0.00144	2.22	7.85	0
2022-11-13T01:47:45.413Z	-0.00144	2.575	7.82	0
2022-11-13T01:48:34.790Z	-0.0011808	2.62	7.738	0
2022-11-13T01:49:24.167Z	-0.0001152	2.56	7.672	0
2022-11-13T01:50:13.544Z	-0.0002016	2.5	7.65	0
2022-11-13T01:51:02.921Z	-0.0011232	2.38	7.652	0
2022-11-13T01:51:52.298Z	-0.00144	2.8	7.634	0
2022-11-13T01:52:41.675Z	-0.0012384	2.72	7.558	0
2022-11-13T01:53:31.052Z	-0.0010944	2.64	7.508	0
2022-11-13T01:54:20.429Z	-0.0006048	2.16	7.472	0
2022-11-13T01:55:09.806Z	-0.000432	2.7	7.432	0
2022-11-13T01:55:59.183Z	-0.0002304	2.38	7.38	0
2022-11-13T01:56:48.560Z	0.0004032	2.84	7.336	0
2022-11-13T01:57:37.937Z	0.0002592	2.9	7.302	0
2022-11-13T01:58:27.314Z	0.0002304	2.62	7.268	0
2022-11-13T01:59:16.691Z	0.0002592	2.72	7.24	0
2022-11-13T02:00:06.068Z	0.000288	2.54	7.196	0
2022-11-13T02:00:55.445Z	0.000396	2.85	7.1725	0
2022-11-13T02:01:44.822Z	0.0000576	2.32	7.154	0
2022-11-13T02:02:34.199Z	-0.0002592	2.96	7.126	0
2022-11-13T02:03:23.576Z	-0.0013824	2.48	7.138	0
2022-11-13T02:04:12.953Z	-0.0014112	2.44	7.11	0
2022-11-13T02:05:02.330Z	-0.00144	2.68	7.096	0
2022-11-13T02:05:51.707Z	-0.00144	2.72	7.088	0
2022-11-13T02:06:41.084Z	-0.00144	2.22	7.092	0
2022-11-13T02:07:30.461Z	-0.00144	2.76	7.1	0
2022-11-13T02:08:19.838Z	-0.00144	2.48	7.082	0
2022-11-13T02:09:09.215Z	-0.00144	2.46	7.07	0
2022-11-13T02:09:58.592Z	-0.00144	2.34	7.004	0
2022-11-13T02:10:47.969Z	-0.00144	2.32	6.974	0
2022-11-13T02:11:37.346Z	-0.00144	2.48	6.98	0
2022-11-13T02:12:26.723Z	-0.00144	2.22	6.906	0
2022-11-13T02:13:16.100Z	-0.00144	2.62	6.856	0
2022-11-13T02:14:05.477Z	-0.00144	2.7	6.8275	0
2022-11-13T02:14:54.854Z	-0.00144	2.54	6.766	0
2022-11-13T02:15:44.231Z	-0.00144	2.5	6.72	0
2022-11-13T02:16:33.608Z	-0.00144	3.3	6.692	0
2022-11-13T02:17:22.985Z	-0.00144	2.26	6.656	0
2022-11-13T02:18:12.362Z	-0.00144	2.6	6.63	0
2022-11-13T02:19:01.739Z	-0.00144	2.04	6.61	0
2022-11-13T02:19:51.116Z	-0.00144	2.1	6.568	0
2022-11-13T02:20:40.493Z	-0.0012384	2.46	6.516	0
2022-11-13T02:21:29.870Z	-0.0013248	3	6.504	0
2022-11-13T02:22:19.247Z	-0.00144	2.52	6.496	0
2022-11-13T02:23:08.624Z	-0.00144	2.94	6.496	0
2022-11-13T02:23:58.001Z	-0.00144	2.68	6.49	0
2022-11-13T02:24:47.378Z	-0.00144	2.44	6.466	0
2022-11-13T02:25:36.755Z	-0.00144	2.64	6.472	0
2022-11-13T02:26:26.132Z	-0.00144	2.5	6.458	0
2022-11-13T02:27:15.509Z	-0.00144	2.55	6.3975	0
2022-11-13T02:28:04.886Z	-0.00144	3.08	6.364	0
2022-11-13T02:28:54.263Z	-0.001008	2.66	6.298	0
2022-11-13T02:29:43.640Z	-0.0013536	2.32	6.334	0
2022-11-13T02:30:33.017Z	-0.00144	2.36	6.328	0
2022-11-13T02:31:22.394Z	-0.00144	2.72	6.314	0
2022-11-13T02:32:11.771Z	-0.00144	2.14	6.278	0
2022-11-13T02:33:01.148Z	-0.00144	3.04	6.216	0
2022-11-13T02:33:50.525Z	-0.00144	2.82	6.154	0

2022-11-13T02:34:39.902Z	-0.000864	2.1	6.106	0
2022-11-13T02:35:29.279Z	-0.0002016	2.36	6.048	0
2022-11-13T02:36:18.656Z	0.0006048	2.64	6	0
2022-11-13T02:37:08.033Z	0.0006048	2.5	5.98	0
2022-11-13T02:37:57.410Z	0.0002304	2.18	5.95	0
2022-11-13T02:38:46.787Z	-0.0003744	2.3	5.94	0
2022-11-13T02:39:36.164Z	-0.0001728	2.48	5.888	0
2022-11-13T02:40:25.541Z	-0.00018	2.725	5.8775	0
2022-11-13T02:41:14.918Z	0.0001152	2.54	5.836	0
2022-11-13T02:42:04.295Z	-0.0000288	2.72	5.812	0
2022-11-13T02:42:53.672Z	-0.000432	3.22	5.792	0
2022-11-13T02:43:43.049Z	-0.0003456	2.94	5.758	0
2022-11-13T02:44:32.426Z	-0.00072	2.46	5.742	0
2022-11-13T02:45:21.803Z	-0.0003168	3.2	5.692	0
2022-11-13T02:46:11.180Z	-0.0000288	2.74	5.676	0
2022-11-13T02:47:00.557Z	-0.0003744	2.7	5.658	0
2022-11-13T02:47:49.934Z	-0.0012672	1.96	5.656	0
2022-11-13T02:48:39.311Z	-0.00144	2.6	5.656	0
2022-11-13T02:49:28.688Z	-0.00144	2.92	5.648	0
2022-11-13T02:50:18.065Z	-0.00144	2.3	5.62	0
2022-11-13T02:51:07.442Z	-0.00144	2.66	5.61	0
2022-11-13T02:51:56.819Z	-0.00144	2.4	5.56	0
2022-11-13T02:52:46.196Z	-0.00144	2.24	5.522	0
2022-11-13T02:53:35.573Z	-0.00144	2.625	5.495	0
2022-11-13T02:54:24.950Z	-0.00144	3	5.474	0
2022-11-13T02:55:14.327Z	-0.00144	3.12	5.478	0
2022-11-13T02:56:03.704Z	-0.00144	3	5.456	0
2022-11-13T02:56:53.081Z	-0.00144	2.7	5.432	0
2022-11-13T02:57:42.458Z	-0.00144	1.96	5.434	0
2022-11-13T02:58:31.835Z	-0.00144	3	5.392	0
2022-11-13T02:59:21.212Z	-0.0013824	2.54	5.32	0
2022-11-13T03:00:10.589Z	-0.0011808	2.46	5.288	0
2022-11-13T03:00:59.966Z	-0.00144	2.26	5.292	0
2022-11-13T03:01:49.343Z	-0.0013536	2.26	5.234	0
2022-11-13T03:02:38.720Z	-0.0005184	2.2	5.184	0
2022-11-13T03:03:28.097Z	-0.0006624	3.2	5.17	0
2022-11-13T03:04:17.474Z	-0.0010368	3.04	5.146	0
2022-11-13T03:05:06.851Z	-0.0013824	2.54	5.126	0
2022-11-13T03:05:56.228Z	-0.00144	2.64	5.108	0
2022-11-13T03:06:45.605Z	-0.00144	2.5	5.08	0
2022-11-13T03:07:34.982Z	-0.00144	2.48	5.056	0
2022-11-13T03:08:24.359Z	-0.0011808	2.36	5.022	0
2022-11-13T03:09:13.736Z	-0.0003168	2.52	4.966	0
2022-11-13T03:10:03.113Z	-0.0000576	2.76	4.938	0
2022-11-13T03:10:52.490Z	-0.0001152	3.12	4.914	0
2022-11-13T03:11:41.867Z	-0.000288	2.56	4.884	0
2022-11-13T03:12:31.244Z	-0.0011808	2.72	4.89	0
2022-11-13T03:13:20.621Z	-0.00144	2.88	4.88	0
2022-11-13T03:14:09.998Z	-0.0014112	3.14	4.84	0
2022-11-13T03:14:59.375Z	-0.0006912	2.66	4.79	0
2022-11-13T03:15:48.752Z	0.0000576	2.8	4.75	0
2022-11-13T03:16:38.129Z	0.0003744	3.14	4.704	0
2022-11-13T03:17:27.506Z	0.0002016	2.72	4.688	0
2022-11-13T03:18:16.883Z	0.0008352	2.52	4.63	0
2022-11-13T03:19:06.260Z	0.0009216	2.64	4.604	0
2022-11-13T03:19:55.637Z	0.0006912	2.94	4.574	0
2022-11-13T03:20:45.014Z	0.000468	2.65	4.57	0
2022-11-13T03:21:34.391Z	-0.0001152	2.46	4.56	0

2022-11-13T03:22:23.768Z	-0.0006048	2.7	4.536	0
2022-11-13T03:23:13.145Z	-0.0009216	3.22	4.51	0
2022-11-13T03:24:02.522Z	-0.0008352	3.02	4.488	0
2022-11-13T03:24:51.899Z	-0.001296	2.82	4.48	0
2022-11-13T03:25:41.276Z	-0.00144	2.78	4.452	0
2022-11-13T03:26:30.653Z	-0.0014112	2.48	4.41	0
2022-11-13T03:27:20.030Z	-0.00144	3.06	4.396	0
2022-11-13T03:28:09.407Z	-0.00144	2.9	4.39	0
2022-11-13T03:28:58.784Z	-0.00144	2.7	4.396	0
2022-11-13T03:29:48.161Z	-0.00144	2.24	4.386	0
2022-11-13T03:30:37.538Z	-0.00144	2.66	4.364	0
2022-11-13T03:31:26.915Z	-0.00144	2.86	4.354	0
2022-11-13T03:32:16.292Z	-0.00144	2.82	4.308	0
2022-11-13T03:33:05.669Z	-0.00144	2.84	4.26	0
2022-11-13T03:33:55.046Z	-0.00144	3.45	4.2175	0
2022-11-13T03:34:44.423Z	-0.0013824	2.54	4.134	0
2022-11-13T03:35:33.800Z	-0.0004032	2.38	4.054	0
2022-11-13T03:36:23.177Z	-0.0009216	2.48	4.06	0
2022-11-13T03:37:12.554Z	-0.00144	3.04	4.06	0
2022-11-13T03:38:01.931Z	-0.00144	2.98	4.036	0
2022-11-13T03:38:51.308Z	-0.0006336	2.4	3.938	0
2022-11-13T03:39:40.685Z	0.0000864	2.88	3.898	0
2022-11-13T03:40:30.062Z	0.0002592	2.34	3.876	0
2022-11-13T03:41:19.439Z	0.0001152	2.58	3.854	0
2022-11-13T03:42:08.816Z	0.0003744	2.16	3.82	0
2022-11-13T03:42:58.193Z	0.000576	3.3	3.78	0
2022-11-13T03:43:47.570Z	0.0004032	2.6	3.758	0
2022-11-13T03:44:36.947Z	0.0006912	1.82	3.712	0
2022-11-13T03:45:26.324Z	0.0004608	2.62	3.706	0
2022-11-13T03:46:15.701Z	-0.000288	2.74	3.706	0
2022-11-13T03:47:05.078Z	-0.0007488	3.18	3.712	0
2022-11-13T03:47:54.455Z	-0.001584	3.075	3.7575	0
2022-11-13T03:48:43.832Z	-0.001584	3.26	3.784	0
2022-11-13T03:49:33.209Z	-0.001584	2.44	3.71	0
2022-11-13T03:50:22.586Z	-0.0012672	2.58	3.622	0
2022-11-13T03:51:11.963Z	-0.0000576	2.5	3.562	0
2022-11-13T03:52:01.340Z	0.0003168	2.54	3.536	0
2022-11-13T03:52:50.717Z	-0.0002016	2.92	3.542	0
2022-11-13T03:53:40.094Z	-0.0012384	3.08	3.556	0
2022-11-13T03:54:29.471Z	-0.001584	2.78	3.556	0
2022-11-13T03:55:18.848Z	-0.0015264	2.3	3.552	0
2022-11-13T03:56:08.225Z	-0.0012384	2.42	3.482	0
2022-11-13T03:56:57.602Z	0.0000576	2.48	3.42	0
2022-11-13T03:57:46.979Z	0.0007776	2.62	3.386	0
2022-11-13T03:58:36.356Z	0.0009216	3.08	3.368	0
2022-11-13T03:59:25.733Z	0.0000864	2.52	3.376	0
2022-11-13T04:00:15.110Z	-0.0009504	2.9	3.384	0
2022-11-13T04:01:04.487Z	-0.000756	2.8	3.3525	0
2022-11-13T04:01:53.864Z	-0.0010656	2.8	3.34	0
2022-11-13T04:02:43.241Z	-0.0006624	2.52	3.312	0
2022-11-13T04:03:32.618Z	-0.0000288	2.7	3.27	0
2022-11-13T04:04:21.995Z	0.0000576	2.56	3.264	0
2022-11-13T04:05:11.372Z	-0.000288	3.14	3.248	0
2022-11-13T04:06:00.749Z	-0.001152	2.64	3.252	0
2022-11-13T04:06:50.126Z	-0.0005472	2.7	3.212	0
2022-11-13T04:07:39.503Z	0.0003456	2.76	3.18	0
2022-11-13T04:08:28.880Z	0.0012672	3.02	3.124	0
2022-11-13T04:09:18.257Z	0.0006624	2.84	3.128	0

2022-11-13T04:10:07.634Z	0.000144	3.02	3.13	0
2022-11-13T04:10:57.011Z	0.0003168	2.8	3.096	0
2022-11-13T04:11:46.388Z	-0.0001728	2.66	3.122	0
2022-11-13T04:12:35.765Z	-0.00072	2.62	3.102	0
2022-11-13T04:13:25.142Z	-0.0008928	3.52	3.064	0
2022-11-13T04:14:14.519Z	-0.000648	2.5	3.06	0
2022-11-13T04:15:03.896Z	0.000432	2.64	3.014	0
2022-11-13T04:15:53.273Z	0.00144	3.12	2.982	0
2022-11-13T04:16:42.650Z	0.001584	2.9	2.97	0
2022-11-13T04:17:32.027Z	0.0010368	3.3	2.974	0
2022-11-13T04:18:21.404Z	0.0003744	2.98	2.978	0
2022-11-13T04:19:10.781Z	0	2.9	2.988	0
2022-11-13T04:20:00.158Z	0.0000864	2.7	2.974	0
2022-11-13T04:20:49.535Z	-0.000432	3.44	2.988	0
2022-11-13T04:21:38.912Z	-0.0005184	3.04	2.974	0
2022-11-13T04:22:28.289Z	-0.0010368	2.54	2.988	0
2022-11-13T04:23:17.666Z	-0.0015552	3.04	2.992	0
2022-11-13T04:24:07.043Z	-0.0003744	2.94	2.952	0
2022-11-13T04:24:56.420Z	0.0003744	2.72	2.926	0
2022-11-13T04:25:45.797Z	0.0007488	3.4	2.914	0
2022-11-13T04:26:35.174Z	0.0006048	2.92	2.91	0
2022-11-13T04:27:24.551Z	0.000756	2.75	2.9025	0
2022-11-13T04:28:13.928Z	0.0004032	2.76	2.898	0
2022-11-13T04:29:03.305Z	-0.0001728	3.06	2.908	0
2022-11-13T04:29:52.682Z	-0.0007776	2.7	2.908	0
2022-11-13T04:30:42.059Z	-0.0012672	3.5	2.924	0
2022-11-13T04:31:31.436Z	-0.001584	3.1	2.944	0
2022-11-13T04:32:20.813Z	-0.0015264	2.94	2.958	0
2022-11-13T04:33:10.190Z	-0.0014976	2.48	2.926	0
2022-11-13T04:33:59.567Z	-0.0009216	2.4	2.884	0
2022-11-13T04:34:48.944Z	-0.0002592	2.32	2.86	0
2022-11-13T04:35:38.321Z	-0.0001152	3.24	2.854	0
2022-11-13T04:36:27.698Z	-0.0004032	2.28	2.86	0
2022-11-13T04:37:17.075Z	-0.0006912	3.1	2.868	0
2022-11-13T04:38:06.452Z	-0.000864	3.12	2.868	0
2022-11-13T04:38:55.829Z	-0.0010368	3.12	2.856	0
2022-11-13T04:39:45.206Z	-0.000612	3.1	2.8425	0
2022-11-13T04:40:34.583Z	-0.0001152	2.88	2.826	0
2022-11-13T04:41:23.960Z	0.000288	2.9	2.818	0
2022-11-13T04:42:13.337Z	0.0008928	2.68	2.802	0
2022-11-13T04:43:02.714Z	0.0012672	2.98	2.796	0
2022-11-13T04:43:52.091Z	0.001008	2.38	2.784	0
2022-11-13T04:44:41.468Z	0.0007776	2.92	2.798	0
2022-11-13T04:45:30.845Z	0.000288	3.34	2.806	0
2022-11-13T04:46:20.222Z	-0.0000864	2.7	2.816	0
2022-11-13T04:47:09.599Z	0.000576	3	2.776	0
2022-11-13T04:47:58.976Z	0.0002016	3.1	2.8	0
2022-11-13T04:48:48.353Z	-0.000288	3.34	2.806	0
2022-11-13T04:49:37.730Z	-0.001152	3.34	2.84	0
2022-11-13T04:50:27.107Z	-0.0013824	2.66	2.836	0
2022-11-13T04:51:16.484Z	-0.0007488	2.9	2.81	0
2022-11-13T04:52:05.861Z	-0.00072	3.06	2.816	0
2022-11-13T04:52:55.238Z	-0.0005184	3.18	2.812	0
2022-11-13T04:53:44.615Z	-0.000864	2.775	2.8225	0
2022-11-13T04:54:33.992Z	-0.0009216	2.88	2.81	0
2022-11-13T04:55:23.369Z	-0.0006048	3.24	2.816	0
2022-11-13T04:56:12.746Z	-0.0015264	2.8	2.852	0
2022-11-13T04:57:02.123Z	-0.0013536	2.74	2.846	0

2022-11-13T04:57:51.500Z	-0.0015264	2.68	2.848	0
2022-11-13T04:58:40.877Z	-0.0013824	2.82	2.816	0
2022-11-13T04:59:30.254Z	-0.0007776	3.06	2.798	0
2022-11-13T05:00:19.631Z	-0.0010368	2.78	2.824	0
2022-11-13T05:01:09.008Z	-0.0006624	3	2.796	0
2022-11-13T05:01:58.385Z	-0.0006048	3	2.798	0
2022-11-13T05:02:47.762Z	-0.0004608	2.98	2.804	0
2022-11-13T05:03:37.139Z	-0.000864	2.76	2.79	0
2022-11-13T05:04:26.516Z	0.0003456	3.08	2.756	0
2022-11-13T05:05:15.893Z	0.0004608	3.26	2.744	0
2022-11-13T05:06:05.270Z	0.0003168	2.68	2.75	0
2022-11-13T05:06:54.647Z	0.0000864	2.98	2.75	0
2022-11-13T05:07:44.024Z	-0.000324	3.5	2.7525	0
2022-11-13T05:08:33.401Z	-0.0008928	3.14	2.798	0
2022-11-13T05:09:22.778Z	-0.0015552	3.38	2.822	0
2022-11-13T05:10:12.155Z	-0.001296	3.14	2.774	0
2022-11-13T05:11:01.532Z	-0.0002304	2.98	2.738	0
2022-11-13T05:11:50.909Z	8.64E-05	2.58	2.732	0
2022-11-13T05:12:40.286Z	0.000288	3.26	2.718	0
2022-11-13T05:13:29.663Z	0.000288	3.06	2.722	0
2022-11-13T05:14:19.040Z	-0.0000864	3	2.72	0
2022-11-13T05:15:08.417Z	-0.0005472	2.84	2.748	0
2022-11-13T05:15:57.794Z	-0.0004032	2.82	2.744	0
2022-11-13T05:16:47.171Z	0.0002304	2.6	2.732	0
2022-11-13T05:17:36.548Z	0.0002304	3.4	2.724	0
2022-11-13T05:18:25.925Z	-0.000576	2.7	2.76	0
2022-11-13T05:19:15.302Z	-0.0014976	3.28	2.794	0
2022-11-13T05:20:04.679Z	-0.0015264	3.4	2.816	0
2022-11-13T05:20:54.056Z	-0.001584	3.325	2.8425	0
2022-11-13T05:21:43.433Z	-0.001584	2.94	2.814	0
2022-11-13T05:22:32.810Z	-0.00144	3	2.784	0
2022-11-13T05:23:22.187Z	-1.60E-20	2.82	2.724	0
2022-11-13T05:24:11.564Z	7.99E-21	2.68	2.75	0
2022-11-13T05:25:00.941Z	0.0002304	3.18	2.736	0
2022-11-13T05:25:50.318Z	-0.0007776	2.88	2.764	0
2022-11-13T05:26:39.695Z	-0.0014112	2.06	2.8	0
2022-11-13T05:27:29.072Z	-0.0010368	3	2.764	0
2022-11-13T05:28:18.449Z	-0.0006048	3.04	2.752	0
2022-11-13T05:29:07.826Z	-0.0009504	2.7	2.8	0
2022-11-13T05:29:57.203Z	-0.0015264	2.88	2.842	0
2022-11-13T05:30:46.580Z	-0.001584	2.76	2.864	0
2022-11-13T05:31:35.957Z	-0.0014976	2.36	2.806	0
2022-11-13T05:32:25.334Z	-8.64E-05	3.04	2.746	0
2022-11-13T05:33:14.711Z	-0.000144	3.04	2.762	0
2022-11-13T05:34:04.088Z	-3.6E-05	2.8	2.7725	0
2022-11-13T05:34:53.465Z	-0.001296	3.2	2.814	0
2022-11-13T05:35:42.842Z	-0.0014112	2.86	2.81	0
2022-11-13T05:36:32.219Z	-0.0001152	2.92	2.784	0
2022-11-13T05:37:21.596Z	0.000144	2.86	2.772	0
2022-11-13T05:38:10.973Z	0.0000288	3.04	2.782	0
2022-11-13T05:39:00.350Z	-0.0006624	3.26	2.808	0
2022-11-13T05:39:49.727Z	-0.0015264	2.28	2.836	0
2022-11-13T05:40:39.104Z	-0.0015264	3.36	2.838	0
2022-11-13T05:41:28.481Z	-0.001584	2.8	2.856	0
2022-11-13T05:42:17.858Z	-0.0014688	2.62	2.828	0
2022-11-13T05:43:07.235Z	-0.00144	2.78	2.836	0
2022-11-13T05:43:56.612Z	-0.0010656	2.78	2.816	0
2022-11-13T05:44:45.989Z	-0.0000576	2.96	2.782	0

2022-11-13T05:45:35.366Z	-0.0003168	3.32	2.786	0
2022-11-13T05:46:24.743Z	-0.0009216	2.04	2.822	0
2022-11-13T05:47:14.120Z	-0.001224	3.35	2.81	0
2022-11-13T05:48:03.497Z	-0.0013824	3.02	2.82	0
2022-11-13T05:48:52.874Z	-0.001008	2.5	2.806	0
2022-11-13T05:49:42.251Z	-0.0015264	2.78	2.81	0
2022-11-13T05:50:31.628Z	-0.001584	3.38	2.808	0
2022-11-13T05:51:21.005Z	-0.001008	2.88	2.754	0
2022-11-13T05:52:10.382Z	-0.0003456	3.12	2.73	0
2022-11-13T05:52:59.759Z	0.00072	3.12	2.688	0
2022-11-13T05:53:49.136Z	0.0009792	3.78	2.684	0
2022-11-13T05:54:38.513Z	0.0009792	2.68	2.648	0
2022-11-13T05:55:27.890Z	0.001296	2.52	2.63	0
2022-11-13T05:56:17.267Z	0.0012672	2.74	2.622	0
2022-11-13T05:57:06.644Z	0.0016704	3.22	2.586	0
2022-11-13T05:57:56.021Z	0.0012672	2.9	2.582	0
2022-11-13T05:58:45.398Z	0.0008928	2.98	2.602	0
2022-11-13T05:59:34.775Z	0.0008352	2.96	2.574	0
2022-11-13T06:00:24.152Z	0.000468	3.175	2.565	0
2022-11-13T06:01:13.529Z	0.000144	2.86	2.572	0
2022-11-13T06:02:02.906Z	-0.0003168	2.58	2.57	0
2022-11-13T06:02:52.283Z	-0.0008064	3	2.564	0
2022-11-13T06:03:41.660Z	-0.001008	2.52	2.552	0
2022-11-13T06:04:31.037Z	-0.0014112	3.24	2.6	0
2022-11-13T06:05:20.414Z	-0.001584	3.06	2.582	0
2022-11-13T06:06:09.791Z	-0.0014112	2.54	2.546	0
2022-11-13T06:06:59.168Z	-0.0000288	3.36	2.49	0
2022-11-13T06:07:48.545Z	0.0004608	3.04	2.472	0
2022-11-13T06:08:37.922Z	-0.0002304	2.98	2.476	0
2022-11-13T06:09:27.299Z	0.0001152	2.82	2.464	0
2022-11-13T06:10:16.676Z	0.0003456	2.66	2.45	0
2022-11-13T06:11:06.053Z	0.0001728	3.22	2.45	0
2022-11-13T06:11:55.430Z	-0.0000288	3.06	2.448	0
2022-11-13T06:12:44.807Z	0.0001152	3.18	2.428	0
2022-11-13T06:13:34.184Z	-0.0004032	2.62	2.438	0
2022-11-13T06:14:23.561Z	-0.001116	3.225	2.45	0
2022-11-13T06:15:12.938Z	-0.0010944	2.44	2.456	0
2022-11-13T06:16:02.315Z	-0.0013824	2.8	2.44	0
2022-11-13T06:16:51.692Z	-0.0003168	2.92	2.4	0
2022-11-13T06:17:41.069Z	-0.0000576	3.22	2.4	0
2022-11-13T06:18:30.446Z	-0.0011232	3.28	2.41	0
2022-11-13T06:19:19.823Z	-0.0014112	2.56	2.402	0
2022-11-13T06:20:09.200Z	-0.0009504	2.6	2.374	0
2022-11-13T06:20:58.577Z	-0.0002592	2.78	2.356	0
2022-11-13T06:21:47.954Z	0.0000288	3.24	2.34	0
2022-11-13T06:22:37.331Z	-0.0010368	2.64	2.386	0
2022-11-13T06:23:26.708Z	-0.0015552	2.76	2.402	0
2022-11-13T06:24:16.085Z	-0.0015552	3.42	2.39	0
2022-11-13T06:25:05.462Z	-0.0015552	2.34	2.372	0
2022-11-13T06:25:54.839Z	-0.0005472	2.88	2.296	0
2022-11-13T06:26:44.216Z	0.0002592	3	2.258	0
2022-11-13T06:27:33.593Z	0.00018	2.975	2.2625	0
2022-11-13T06:28:22.970Z	-0.0000576	3.3	2.256	0
2022-11-13T06:29:12.347Z	-0.0001728	3	2.244	0
2022-11-13T06:30:01.724Z	-0.0011232	3.2	2.266	0
2022-11-13T06:30:51.101Z	-0.0007776	2.92	2.224	0
2022-11-13T06:31:40.478Z	-0.000288	2.98	2.198	0
2022-11-13T06:32:29.855Z	-0.0002016	3.06	2.186	0

2022-11-13T06:33:19.232Z	0.0000288	2.74	2.17	0
2022-11-13T06:34:08.609Z	-0.0013536	3.1	2.184	0
2022-11-13T06:34:57.986Z	-0.001584	3.08	2.196	0
2022-11-13T06:35:47.363Z	-0.001584	2.88	2.182	0
2022-11-13T06:36:36.740Z	-0.0015264	2.88	2.146	0
2022-11-13T06:37:26.117Z	-0.001152	3.02	2.1	0
2022-11-13T06:38:15.494Z	-0.0008352	2.88	2.08	0
2022-11-13T06:39:04.871Z	-0.0014112	2.88	2.092	0
2022-11-13T06:39:54.248Z	-0.001584	3.1	2.088	0
2022-11-13T06:40:43.625Z	-0.0014688	3.32	2.028	0
2022-11-13T06:41:33.002Z	-0.001116	2.875	1.9975	0
2022-11-13T06:42:22.379Z	0.0000288	3.16	1.95	0
2022-11-13T06:43:11.756Z	0.0005184	2.26	1.924	0
2022-11-13T06:44:01.133Z	0.000576	2.68	1.904	0
2022-11-13T06:44:50.510Z	0.0003168	2.7	1.894	0
2022-11-13T06:45:39.887Z	0.0004608	2.46	1.874	0
2022-11-13T06:46:29.264Z	0.0008352	3.16	1.832	0
2022-11-13T06:47:18.641Z	0.0008928	2.84	1.822	0
2022-11-13T06:48:08.018Z	0.0004032	3.4	1.828	0
2022-11-13T06:48:57.395Z	0.000144	2.46	1.812	0
2022-11-13T06:49:46.772Z	-0.0006048	3.14	1.826	0
2022-11-13T06:50:36.149Z	-0.0003456	2.86	1.81	0
2022-11-13T06:51:25.526Z	-0.0004896	3.5	1.796	0
2022-11-13T06:52:14.903Z	-0.0010944	3.1	1.808	0
2022-11-13T06:53:04.280Z	-0.0015552	3.2	1.83	0
2022-11-13T06:53:53.657Z	-0.001584	2.86	1.822	0
2022-11-13T06:54:43.034Z	-0.001584	3.025	1.7925	0
2022-11-13T06:55:32.411Z	-0.0005184	3.06	1.74	0
2022-11-13T06:56:21.788Z	0.0003456	2.98	1.706	0
2022-11-13T06:57:11.165Z	0.001152	2.44	1.678	0
2022-11-13T06:58:00.542Z	0.0014112	2.76	1.666	0
2022-11-13T06:58:49.919Z	0.0009792	2.86	1.672	0
2022-11-13T06:59:39.296Z	0.000432	2.94	1.668	0
2022-11-13T07:00:28.673Z	-0.000144	3.6	1.67	0
2022-11-13T07:01:18.050Z	-0.0005184	2.84	1.674	0
2022-11-13T07:02:07.427Z	-0.000144	3.14	1.65	0
2022-11-13T07:02:56.804Z	0.0003456	2.96	1.626	0
2022-11-13T07:03:46.181Z	0.0001152	2.78	1.636	0
2022-11-13T07:04:35.558Z	-0.000432	2.92	1.65	0
2022-11-13T07:05:24.935Z	-0.00072	2.72	1.622	0
2022-11-13T07:06:14.312Z	-0.0011808	2.78	1.642	0
2022-11-13T07:07:03.689Z	-0.0010368	3.24	1.628	0
2022-11-13T07:07:53.066Z	-0.001548	2.625	1.635	0
2022-11-13T07:08:42.443Z	-0.001008	3.24	1.6	0
2022-11-13T07:09:31.820Z	-0.000864	2.86	1.578	0
2022-11-13T07:10:21.197Z	-0.0004896	3.26	1.568	0
2022-11-13T07:11:10.574Z	-0.0002304	3	1.55	0
2022-11-13T07:11:59.951Z	-0.0002592	3.22	1.532	0
2022-11-13T07:12:49.328Z	-0.0004896	2.84	1.548	0
2022-11-13T07:13:38.705Z	-0.0004032	2.64	1.522	0
2022-11-13T07:14:28.082Z	0.0001728	2.8	1.496	0
2022-11-13T07:15:17.459Z	0.0006048	2.36	1.478	0
2022-11-13T07:16:06.836Z	0.0008928	2.96	1.456	0
2022-11-13T07:16:56.213Z	0.0009792	2.94	1.442	0
2022-11-13T07:17:45.590Z	0.0007488	2.72	1.44	0
2022-11-13T07:18:34.967Z	0.000576	2.88	1.422	0
2022-11-13T07:19:24.344Z	0.0005472	3.12	1.428	0
2022-11-13T07:20:13.721Z	0.0000288	3.36	1.434	0

2022-11-13T07:21:03.098Z	-0.000648	3.25	1.455	0
2022-11-13T07:21:52.475Z	-0.0015552	3.46	1.474	0
2022-11-13T07:22:41.852Z	-0.0006336	3.14	1.418	0
2022-11-13T07:23:31.229Z	0.0006624	2.24	1.376	0
2022-11-13T07:24:20.606Z	0.0003744	3.02	1.394	0
2022-11-13T07:25:09.983Z	-0.0006048	2.82	1.402	0
2022-11-13T07:25:59.360Z	-0.0014976	2.56	1.456	0
2022-11-13T07:26:48.737Z	-0.001008	2.22	1.396	0
2022-11-13T07:27:38.114Z	-0.000144	2.48	1.364	0
2022-11-13T07:28:27.491Z	0.0002016	3.24	1.358	0
2022-11-13T07:29:16.868Z	0.000432	2.96	1.342	0
2022-11-13T07:30:06.245Z	-0.0006912	3.24	1.362	0
2022-11-13T07:30:55.622Z	-0.0008064	2.92	1.362	0
2022-11-13T07:31:44.999Z	-0.0015552	3.22	1.43	0
2022-11-13T07:32:34.376Z	-0.0012096	3.16	1.368	0
2022-11-13T07:33:23.753Z	-0.0014112	3.34	1.366	0
2022-11-13T07:34:13.130Z	-0.000612	3.475	1.345	0
2022-11-13T07:35:02.507Z	-0.0014976	2.8	1.36	0
2022-11-13T07:35:51.884Z	-0.0015264	2.88	1.376	0
2022-11-13T07:36:41.261Z	-0.001584	3	1.372	0
2022-11-13T07:37:30.638Z	-0.001584	2.86	1.418	0
2022-11-13T07:38:20.015Z	-0.0009504	2.84	1.312	0
2022-11-13T07:39:09.392Z	-0.0008064	2.96	1.3	0
2022-11-13T07:39:58.769Z	-0.0011808	3.18	1.324	0
2022-11-13T07:40:48.146Z	-0.0011808	2.96	1.312	0
2022-11-13T07:41:37.523Z	-0.0002304	3.18	1.274	0
2022-11-13T07:42:26.900Z	0.0001152	2.74	1.268	0
2022-11-13T07:43:16.277Z	0.000864	2.84	1.24	0
2022-11-13T07:44:05.654Z	0.0010368	3.18	1.236	0
2022-11-13T07:44:55.031Z	0.0003456	2.62	1.26	0
2022-11-13T07:45:44.408Z	-0.0012384	2.74	1.312	0
2022-11-13T07:46:33.785Z	-0.001584	2.56	1.34	0
2022-11-13T07:47:23.162Z	-0.001584	2.95	1.325	0
2022-11-13T07:48:12.539Z	-0.0014688	3.06	1.306	0
2022-11-13T07:49:01.916Z	-0.00144	2.96	1.302	0
2022-11-13T07:49:51.293Z	-0.0009504	2.86	1.266	0
2022-11-13T07:50:40.670Z	-0.0010944	2.64	1.28	0
2022-11-13T07:51:30.047Z	-0.0003456	2.9	1.24	0
2022-11-13T07:52:19.424Z	-0.0010944	2.76	1.278	0
2022-11-13T07:53:08.801Z	-0.00072	2.94	1.238	0
2022-11-13T07:53:58.178Z	-0.0009504	2.76	1.296	0
2022-11-13T07:54:47.555Z	-0.001296	2.98	1.258	0
2022-11-13T07:55:36.932Z	-0.0010944	2.96	1.256	0
2022-11-13T07:56:26.309Z	-0.0008352	3.08	1.222	0
2022-11-13T07:57:15.686Z	0.000144	2.7	1.192	0
2022-11-13T07:58:05.063Z	0.0006912	2.68	1.17	0
2022-11-13T07:58:54.440Z	0.0004896	2.98	1.162	0
2022-11-13T07:59:43.817Z	0.0006048	2.22	1.16	0
2022-11-13T08:00:33.194Z	0.00054	3	1.1575	0
2022-11-13T08:01:22.571Z	0.0002304	2.9	1.156	0
2022-11-13T08:02:11.948Z	-7.99E-21	2.76	1.148	0
2022-11-13T08:03:01.325Z	0.0004896	3.08	1.124	0
2022-11-13T08:03:50.702Z	-0.0000288	2.94	1.136	0
2022-11-13T08:04:40.079Z	0.0003168	2.88	1.118	0
2022-11-13T08:05:29.456Z	0.0003456	3.02	1.122	0
2022-11-13T08:06:18.833Z	0.0000576	2.9	1.128	0
2022-11-13T08:07:08.210Z	-0.0003744	3.06	1.14	0
2022-11-13T08:07:57.587Z	0.0001728	2.84	1.116	0

2022-11-13T08:08:46.964Z	-0.001008	2.84	1.162	0
2022-11-13T08:09:36.341Z	-0.001584	3.16	1.198	0
2022-11-13T08:10:25.718Z	-0.001584	3.36	1.212	0
2022-11-13T08:11:15.095Z	-0.001584	2.66	1.216	0
2022-11-13T08:12:04.472Z	-0.001152	3.06	1.154	0
2022-11-13T08:12:53.849Z	-0.0005184	3.4	1.148	0
2022-11-13T08:13:43.226Z	-0.00018	2.975	1.1325	0
2022-11-13T08:14:32.603Z	-0.0001728	3.06	1.154	0
2022-11-13T08:15:21.980Z	0.0000864	3.16	1.14	0
2022-11-13T08:16:11.357Z	0.0000864	3.06	1.144	0
2022-11-13T08:17:00.734Z	0.0007488	3.22	1.128	0
2022-11-13T08:17:50.111Z	0.0005472	3.34	1.152	0
2022-11-13T08:18:39.488Z	0.0003456	3.06	1.148	0
2022-11-13T08:19:28.865Z	0.0008064	3.06	1.142	0
2022-11-13T08:20:18.242Z	0.000432	3.26	1.152	0
2022-11-13T08:21:07.619Z	0.0001728	3.22	1.158	0
2022-11-13T08:21:56.996Z	-0.0003456	2.94	1.186	0
2022-11-13T08:22:46.373Z	0.0000288	2.82	1.174	0
2022-11-13T08:23:35.750Z	-0.0010656	3.08	1.2	0
2022-11-13T08:24:25.127Z	-0.0011232	2.86	1.226	0
2022-11-13T08:25:14.504Z	-0.0013248	3.08	1.222	0
2022-11-13T08:26:03.881Z	-0.0011232	3.1	1.232	0
2022-11-13T08:26:53.258Z	-0.0010368	2.68	1.222	0
2022-11-13T08:27:42.635Z	0.0004896	3.02	1.164	0
2022-11-13T08:28:32.012Z	0.000432	3.25	1.1875	0
2022-11-13T08:29:21.389Z	0.0008928	3.26	1.152	0
2022-11-13T08:30:10.766Z	0.0006912	2.98	1.182	0
2022-11-13T08:31:00.143Z	0.0002304	2.4	1.172	0
2022-11-13T08:31:49.520Z	0.0007488	2.98	1.154	0
2022-11-13T08:32:38.897Z	0.000288	3.08	1.164	0
2022-11-13T08:33:28.274Z	8.64E-05	3.14	1.182	0
2022-11-13T08:34:17.651Z	-0.0004896	3.04	1.16	0
2022-11-13T08:35:07.028Z	-0.000288	2.8	1.19	0
2022-11-13T08:35:56.405Z	-0.000144	3.14	1.15	0
2022-11-13T08:36:45.782Z	-0.0009216	2.9	1.182	0
2022-11-13T08:37:35.159Z	-0.00072	2.6	1.164	0
2022-11-13T08:38:24.536Z	-0.0004032	3.04	1.176	0
2022-11-13T08:39:13.913Z	-0.0012096	3.16	1.164	0
2022-11-13T08:40:03.290Z	-0.000792	3.325	1.1625	0
2022-11-13T08:40:52.667Z	-0.000792	2.933333333	1.166666667	0
2022-11-13T08:41:42.044Z	-0.001584	2.75	1.2	0
2022-11-13T08:42:31.421Z	-0.001584	3.14	1.198	0
2022-11-13T08:43:20.798Z	-0.00072	3.16	1.146	0
2022-11-13T08:44:10.175Z	-0.000288	2.82	1.136	0
2022-11-13T08:44:59.552Z	-0.0002016	2.8	1.126	0
2022-11-13T08:45:48.929Z	0.0000288	3.26	1.126	0
2022-11-13T08:46:38.306Z	0.0000864	2.68	1.132	0
2022-11-13T08:47:27.683Z	0.0001728	2.92	1.114	0
2022-11-13T08:48:17.060Z	0.0001728	2.94	1.112	0
2022-11-13T08:49:06.437Z	0.0005184	2.94	1.102	0
2022-11-13T08:49:55.814Z	0.0008352	2.36	1.1	0
2022-11-13T08:50:45.191Z	0.0005184	2.46	1.08	0
2022-11-13T08:51:34.568Z	0.0002304	3.1	1.108	0
2022-11-13T08:52:23.945Z	-0.000144	2.46	1.112	0
2022-11-13T08:53:13.322Z	-0.0009216	3.02	1.128	0
2022-11-13T08:54:02.699Z	-0.0009	3.35	1.1225	0
2022-11-13T08:54:52.076Z	-0.0008064	2.56	1.128	0
2022-11-13T08:55:41.453Z	-0.0012096	2.3	1.132	0

2022-11-13T08:56:30.830Z	-0.0006048	2.8	1.104	0
2022-11-13T08:57:20.207Z	0.0002016	2.84	1.09	0
2022-11-13T08:58:09.584Z	-0.0008928	2.3	1.128	0
2022-11-13T08:58:58.961Z	-0.0004032	2.98	1.11	0
2022-11-13T08:59:48.338Z	-0.0005472	3.2	1.104	0
2022-11-13T09:00:37.715Z	-0.0010656	2.48	1.118	0
2022-11-13T09:01:27.092Z	-0.0004608	2.98	1.09	0
2022-11-13T09:02:16.469Z	0.0000864	3.2	1.076	0
2022-11-13T09:03:05.846Z	0.0001152	2.66	1.078	0
2022-11-13T09:03:55.223Z	0.0004032	2.64	1.072	0
2022-11-13T09:04:44.600Z	0.0008352	2.56	1.052	0
2022-11-13T09:05:33.977Z	0.000144	2.88	1.076	0
2022-11-13T09:06:23.354Z	-0.0000864	2.8	1.068	0
2022-11-13T09:07:12.731Z	-0.000576	3	1.084	0
2022-11-13T09:08:02.108Z	-0.000288	2.525	1.095	0
2022-11-13T09:08:51.485Z	-0.0000864	2.6	1.064	0
2022-11-13T09:09:40.862Z	0.0003168	2.46	1.064	0
2022-11-13T09:10:30.239Z	0.000144	2.72	1.066	0
2022-11-13T09:11:19.616Z	-0.0003744	2.82	1.076	0
2022-11-13T09:12:08.993Z	-0.0005472	3.16	1.088	0
2022-11-13T09:12:58.370Z	-0.0010944	3.16	1.078	0
2022-11-13T09:13:47.747Z	-0.000432	3.12	1.062	0
2022-11-13T09:14:37.124Z	0.0000288	2.9	1.054	0
2022-11-13T09:15:26.501Z	-0.0000576	2.86	1.056	0
2022-11-13T09:16:15.878Z	-0.0006336	2.72	1.058	0
2022-11-13T09:17:05.255Z	-0.00072	2.68	1.062	0
2022-11-13T09:17:54.632Z	-0.0004608	3.06	1.058	0
2022-11-13T09:18:44.009Z	-0.0003456	2.78	1.05	0
2022-11-13T09:19:33.386Z	-0.0000288	2.96	1.032	0
2022-11-13T09:20:22.763Z	-0.0005184	2.9	1.048	0
2022-11-13T09:21:12.140Z	-0.001008	2.825	1.0525	0
2022-11-13T09:22:01.517Z	-0.0015552	2.74	1.102	0
2022-11-13T09:22:50.894Z	-0.001584	2.38	1.09	0
2022-11-13T09:23:40.271Z	-0.0013248	2.82	1.04	0
2022-11-13T09:24:29.648Z	-0.0003456	2.94	1.014	0
2022-11-13T09:25:19.025Z	-0.0006912	3.18	1.024	0
2022-11-13T09:26:08.402Z	-0.0012384	2.92	1.034	0
2022-11-13T09:26:57.779Z	-0.0015264	3	1.032	0
2022-11-13T09:27:47.156Z	-0.000864	3.38	1.018	0
2022-11-13T09:28:36.533Z	-0.0015552	3.38	1.044	0
2022-11-13T09:29:25.910Z	-0.0012096	2.64	1.006	0
2022-11-13T09:30:15.287Z	-0.0000576	3.22	0.952	0
2022-11-13T09:31:04.664Z	0.0002592	3.2	0.95	0
2022-11-13T09:31:54.041Z	0.0002016	2.74	0.944	0
2022-11-13T09:32:43.418Z	-0.0007776	2.74	0.954	0
2022-11-13T09:33:32.795Z	-0.0013824	2.98	0.952	0
2022-11-13T09:34:22.172Z	-0.00072	2.975	0.9225	0
2022-11-13T09:35:11.549Z	-0.0003744	2.94	0.922	0
2022-11-13T09:36:00.926Z	-0.0004608	2.42	0.894	0
2022-11-13T09:36:50.303Z	-0.0000576	3.3	0.876	0
2022-11-13T09:37:39.680Z	-0.0002592	3.02	0.874	0
2022-11-13T09:38:29.057Z	-0.0002592	2.4	0.852	0
2022-11-13T09:39:18.434Z	0.0000576	2.62	0.836	0
2022-11-13T09:40:07.811Z	0.0002304	2.6	0.806	0
2022-11-13T09:40:57.188Z	0.0010368	2.7	0.774	0
2022-11-13T09:41:46.565Z	-0.0001152	2.88	0.79	0
2022-11-13T09:42:35.942Z	-0.0003456	2.72	0.79	0
2022-11-13T09:43:25.319Z	-0.0010944	2.96	0.786	0

2022-11-13T09:44:14.696Z	-0.0003744	2.52	0.768	0
2022-11-13T09:45:04.073Z	0.0003168	3.08	0.726	0
2022-11-13T09:45:53.450Z	0.0001728	3.14	0.73	0
2022-11-13T09:46:42.827Z	0.000288	3.16	0.704	0
2022-11-13T09:47:32.204Z	0.000324	3.25	0.69	0
2022-11-13T09:48:21.581Z	0.0008064	2.9	0.668	0
2022-11-13T09:49:10.958Z	0.0005184	2.96	0.676	0
2022-11-13T09:50:00.335Z	-0.000576	2.46	0.686	0
2022-11-13T09:50:49.712Z	-0.000432	3.04	0.656	0
2022-11-13T09:51:39.089Z	0.000144	3.1	0.642	0
2022-11-13T09:52:28.466Z	-0.000144	3.04	0.64	0
2022-11-13T09:53:17.843Z	-0.0003168	2.82	0.632	0
2022-11-13T09:54:07.220Z	0.0003456	2.9	0.592	0
2022-11-13T09:54:56.597Z	-0.0004032	3.08	0.614	0
2022-11-13T09:55:45.974Z	0.0002592	2.68	0.564	0
2022-11-13T09:56:35.351Z	0.000864	2.46	0.544	0
2022-11-13T09:57:24.728Z	0.000144	2.76	0.552	0
2022-11-13T09:58:14.105Z	0.0000864	3.1	0.54	0
2022-11-13T09:59:03.482Z	-0.0006048	3.1	0.546	0
2022-11-13T09:59:52.859Z	-0.0003456	3.34	0.516	0
2022-11-13T10:00:42.236Z	-0.000396	2.775	0.525	0
2022-11-13T10:01:31.613Z	-0.0002016	2.8	0.51	0
2022-11-13T10:02:20.990Z	-0.0004608	3.36	0.5	0
2022-11-13T10:03:10.367Z	-0.0006048	2.64	0.486	0
2022-11-13T10:03:59.744Z	-0.0001728	3.44	0.482	0
2022-11-13T10:04:49.121Z	0.0000288	2.76	0.46	0
2022-11-13T10:05:38.498Z	-0.0001152	3.22	0.454	0
2022-11-13T10:06:27.875Z	-0.0003456	3.24	0.452	0
2022-11-13T10:07:17.252Z	-0.0003744	2.32	0.438	0
2022-11-13T10:08:06.629Z	-0.000288	2.8	0.434	0
2022-11-13T10:08:56.006Z	-0.0006336	3.52	0.442	0
2022-11-13T10:09:45.383Z	-0.0007488	3	0.432	0
2022-11-13T10:10:34.760Z	-0.0002016	2.8	0.404	0
2022-11-13T10:11:24.137Z	-0.000288	3.2	0.404	0
2022-11-13T10:12:13.514Z	-0.0001728	2.98	0.394	0
2022-11-13T10:13:02.891Z	-0.0000576	3.28	0.396	0
2022-11-13T10:13:52.268Z	-0.000792	3.425	0.41	0
2022-11-13T10:14:41.645Z	-0.0007776	2.98	0.382	0
2022-11-13T10:15:31.022Z	-0.0009216	3.3	0.384	0
2022-11-13T10:16:20.399Z	-0.0003744	2.34	0.352	0
2022-11-13T10:17:09.776Z	-0.0004608	2.98	0.342	0
2022-11-13T10:17:59.153Z	-8.64E-05	3.02	0.324	0
2022-11-13T10:18:48.530Z	-0.0004896	3.3	0.312	0
2022-11-13T10:19:37.907Z	-0.0000576	3	0.29	0
2022-11-13T10:20:27.284Z	0.0003456	2.98	0.264	0
2022-11-13T10:21:16.661Z	0.0003456	2.76	0.238	0
2022-11-13T10:22:06.038Z	0.0004608	2.52	0.238	0
2022-11-13T10:22:55.415Z	0.0003744	3.34	0.228	0
2022-11-13T10:23:44.792Z	0.0000864	2.92	0.212	0
2022-11-13T10:24:34.169Z	-0.0006048	3.04	0.22	0
2022-11-13T10:25:23.546Z	-0.00144	2.54	0.236	0
2022-11-13T10:26:12.923Z	-0.0004896	2.98	0.162	0
2022-11-13T10:27:02.300Z	-0.000396	2.525	0.175	0
2022-11-13T10:27:51.677Z	-0.0005472	2.92	0.154	0
2022-11-13T10:28:41.054Z	-0.00144	2.4	0.162	0
2022-11-13T10:29:30.431Z	-0.0007776	2.78	0.118	0
2022-11-13T10:30:19.808Z	-0.0012672	3.12	0.12	0
2022-11-13T10:31:09.185Z	-0.0014976	3.2	0.104	0

2022-11-13T10:31:58.562Z	-0.0014688	3.38	0.102	0
2022-11-13T10:32:47.939Z	-0.0003744	2.88	0.02	0
2022-11-13T10:33:37.316Z	0.0003744	2.84	-0.014	0
2022-11-13T10:34:26.693Z	0.0008352	2.8	-0.044	0
2022-11-13T10:35:16.070Z	0.0008064	2.6	-0.054	0
2022-11-13T10:36:05.447Z	0.0007776	3.18	-0.078	0
2022-11-13T10:36:54.824Z	0.0002592	2.86	-0.068	0
2022-11-13T10:37:44.201Z	-0.0004896	3.08	-0.072	0
2022-11-13T10:38:33.578Z	-0.0006912	3.24	-0.094	0
2022-11-13T10:39:22.955Z	-0.0006624	2.24	-0.1	0
2022-11-13T10:40:12.332Z	0.0005472	3.22	-0.168	0
2022-11-13T10:41:01.709Z	0.0009504	2.74	-0.188	0
2022-11-13T10:41:51.086Z	0.001008	2.425	-0.2075	0
2022-11-13T10:42:40.463Z	0.0006912	2.98	-0.2	0
2022-11-13T10:43:29.840Z	0.0009216	3.18	-0.236	0
2022-11-13T10:44:19.217Z	0.001008	3.58	-0.26	0
2022-11-13T10:45:08.594Z	0.0012384	2.66	-0.276	0
2022-11-13T10:45:57.971Z	0.0010368	3.34	-0.268	0
2022-11-13T10:46:47.348Z	0.0005472	2.82	-0.266	0
2022-11-13T10:47:36.725Z	-0.0006912	2.76	-0.242	0
2022-11-13T10:48:26.102Z	-0.0015552	2.56	-0.21	0
2022-11-13T10:49:15.479Z	-0.001584	3.16	-0.172	0
2022-11-13T10:50:04.856Z	-0.0002304	3.18	-0.258	0
2022-11-13T10:50:54.233Z	-0.0005472	2.38	-0.29	0
2022-11-13T10:51:43.610Z	-0.0011808	2.94	-0.268	0
2022-11-13T10:52:32.987Z	0.0002592	3.16	-0.324	0
2022-11-13T10:53:22.364Z	0.0000864	2.8	-0.344	0
2022-11-13T10:54:11.741Z	-0.0002016	2.96	-0.318	0
2022-11-13T10:55:01.118Z	0.000288	3.425	-0.3275	0
2022-11-13T10:55:50.495Z	-0.0012096	2.58	-0.28	0
2022-11-13T10:56:39.872Z	-0.0008064	3.1	-0.322	0
2022-11-13T10:57:29.249Z	-0.0005472	2.74	-0.316	0
2022-11-13T10:58:18.626Z	-0.0003456	2.76	-0.32	0
2022-11-13T10:59:08.003Z	-0.0002592	3.02	-0.328	0
2022-11-13T10:59:57.380Z	-0.0005472	2.64	-0.308	0
2022-11-13T11:00:46.757Z	-0.0010368	2.86	-0.304	0
2022-11-13T11:01:36.134Z	-0.0014976	2.62	-0.26	0
2022-11-13T11:02:25.511Z	-0.00144	2.96	-0.276	0
2022-11-13T11:03:14.888Z	-0.001296	3.14	-0.288	0
2022-11-13T11:04:04.265Z	-0.00072	2.98	-0.308	0
2022-11-13T11:04:53.642Z	0.0002304	3.06	-0.328	0
2022-11-13T11:05:43.019Z	0.000576	3.14	-0.334	0
2022-11-13T11:06:32.396Z	0.0002304	2.8	-0.314	0
2022-11-13T11:07:21.773Z	-0.0002592	3.12	-0.296	0
2022-11-13T11:08:11.150Z	-0.001044	2.9	-0.27	0
2022-11-13T11:09:00.527Z	-0.0008352	2.58	-0.278	0
2022-11-13T11:09:49.904Z	-0.0015552	2.66	-0.244	0
2022-11-13T11:10:39.281Z	-0.0010368	2.84	-0.274	0
2022-11-13T11:11:28.658Z	-0.0003456	2.86	-0.286	0
2022-11-13T11:12:18.035Z	0.000288	2.5	-0.3	0
2022-11-13T11:13:07.412Z	0.0002016	3.22	-0.284	0
2022-11-13T11:13:56.789Z	0.0005184	3.16	-0.294	0
2022-11-13T11:14:46.166Z	0.0004032	2.94	-0.288	0
2022-11-13T11:15:35.543Z	-0.000576	2.84	-0.256	0
2022-11-13T11:16:24.920Z	-0.0003456	3.38	-0.266	0
2022-11-13T11:17:14.297Z	-0.0001152	3.1	-0.272	0
2022-11-13T11:18:03.674Z	0.0003744	2.82	-0.284	0
2022-11-13T11:18:53.051Z	0.0009216	2.74	-0.296	0

2022-11-13T11:19:42.428Z	0.0005184	2.64	-0.28	0
2022-11-13T11:20:31.805Z	0.0004032	3.44	-0.28	0
2022-11-13T11:21:21.182Z	0.000396	3.35	-0.285	0
2022-11-13T11:22:10.559Z	-0.0001152	2.5	-0.248	0
2022-11-13T11:22:59.936Z	-0.000432	3.06	-0.236	0
2022-11-13T11:23:49.313Z	-0.0015264	2.94	-0.166	0
2022-11-13T11:24:38.690Z	-0.001584	3.4	-0.188	0
2022-11-13T11:25:28.067Z	-0.0011808	3.26	-0.224	0
2022-11-13T11:26:17.444Z	-0.0000576	3.38	-0.254	0
2022-11-13T11:27:06.821Z	0.0000864	3.1	-0.258	0
2022-11-13T11:27:56.198Z	0.0005472	3.1	-0.264	0
2022-11-13T11:28:45.575Z	0.0008352	3.06	-0.276	0
2022-11-13T11:29:34.952Z	0.0002592	3.04	-0.252	0
2022-11-13T11:30:24.329Z	-0.0006624	2.88	-0.218	0
2022-11-13T11:31:13.706Z	-0.0007776	3.02	-0.234	0
2022-11-13T11:32:03.083Z	-0.0002016	3.4	-0.234	0
2022-11-13T11:32:52.460Z	-0.0005472	2.46	-0.226	0
2022-11-13T11:33:41.837Z	0.0004896	2.92	-0.242	0
2022-11-13T11:34:31.214Z	0.000252	2.7	-0.2475	0
2022-11-13T11:35:20.591Z	-0.0001152	3.24	-0.216	0
2022-11-13T11:36:09.968Z	-0.0008928	3.6	-0.202	0
2022-11-13T11:36:59.345Z	-0.0007488	3.2	-0.204	0
2022-11-13T11:37:48.722Z	-0.000576	3.02	-0.214	0
2022-11-13T11:38:38.099Z	-0.0003744	3.02	-0.198	0
2022-11-13T11:39:27.476Z	-0.000144	3	-0.212	0
2022-11-13T11:40:16.853Z	0.0005472	3	-0.214	0
2022-11-13T11:41:06.230Z	-0.000432	2.68	-0.184	0
2022-11-13T11:41:55.607Z	-0.0007488	2.54	-0.19	0
2022-11-13T11:42:44.984Z	-0.0006048	2.56	-0.18	0
2022-11-13T11:43:34.361Z	-0.0009216	2.72	-0.16	0
2022-11-13T11:44:23.738Z	-0.001008	2.66	-0.17	0
2022-11-13T11:45:13.115Z	-0.0012672	2.78	-0.146	0
2022-11-13T11:46:02.492Z	-0.001584	2.82	-0.106	0
2022-11-13T11:46:51.869Z	-0.0013536	2.66	-0.154	0
2022-11-13T11:47:41.246Z	-0.001188	3.1	-0.1375	0
2022-11-13T11:48:30.623Z	-0.001296	2.86	-0.138	0
2022-11-13T11:49:20.000Z	0.0006624	2.78	-0.204	0
2022-11-13T11:50:09.377Z	0.0006624	3.32	-0.19	0
2022-11-13T11:50:58.754Z	0.0003168	2.92	-0.176	0
2022-11-13T11:51:48.131Z	0.0003456	2.96	-0.16	0
2022-11-13T11:52:37.508Z	-0.0009216	3.24	-0.134	0
2022-11-13T11:53:26.885Z	-0.0006336	3.2	-0.158	0
2022-11-13T11:54:16.262Z	0.0000576	2.7	-0.152	0
2022-11-13T11:55:05.639Z	-0.0010656	2.92	-0.106	0
2022-11-13T11:55:55.016Z	-0.0013824	2.8	-0.098	0
2022-11-13T11:56:44.393Z	-0.0012384	3.36	-0.11	0
2022-11-13T11:57:33.770Z	-0.0011808	2.4	-0.118	0
2022-11-13T11:58:23.147Z	-0.0010656	3.26	-0.102	0
2022-11-13T11:59:12.524Z	-0.0014112	3.02	-0.062	0
2022-11-13T12:00:01.901Z	-0.0013248	2.62	-0.1	0
2022-11-13T12:00:51.278Z	-0.000684	2.5	-0.1225	0
2022-11-13T12:01:40.655Z	-0.0004608	3.14	-0.112	0
2022-11-13T12:02:30.032Z	-0.0013824	2.54	-0.028	0
2022-11-13T12:03:19.409Z	-0.0012096	3.1	-0.07	0
2022-11-13T12:04:08.786Z	-0.0001728	2.62	-0.108	0
2022-11-13T12:04:58.163Z	-0.0005184	3.1	-0.092	0
2022-11-13T12:05:47.540Z	0.0000864	3.12	-0.122	0
2022-11-13T12:06:36.917Z	0.0003744	2.94	-0.082	0

2022-11-13T12:07:26.294Z	-8.64E-05	2.38	-0.114	0
2022-11-13T12:08:15.671Z	0.0000864	2.6	-0.1	0
2022-11-13T12:09:05.048Z	0.0003744	2.88	-0.098	0
2022-11-13T12:09:54.425Z	-0.0003456	2.98	-0.08	0
2022-11-13T12:10:43.802Z	-0.0008352	3.16	-0.046	0
2022-11-13T12:11:33.179Z	-0.00144	2.98	-0.038	0
2022-11-13T12:12:22.556Z	-0.001584	2.48	-0.016	0
2022-11-13T12:13:11.933Z	-0.001584	2.8	0.012	0
2022-11-13T12:14:01.310Z	-0.00108	2.675	-0.0375	0
2022-11-13T12:14:50.687Z	-0.0013536	2.84	-0.014	0
2022-11-13T12:15:40.064Z	0.0008064	3.16	-0.098	0
2022-11-13T12:16:29.441Z	-0.0000288	2.3	-0.048	0
2022-11-13T12:17:18.818Z	-0.000144	2.7	-0.064	0
2022-11-13T12:18:08.195Z	0.0003456	2.22	-0.064	0
2022-11-13T12:18:57.572Z	0.0001152	3.32	-0.044	0
2022-11-13T12:19:46.949Z	-0.0002016	2.78	-0.034	0
2022-11-13T12:20:36.326Z	0.0006048	3.12	-0.054	0
2022-11-13T12:21:25.703Z	0.0004608	3.18	-0.04	0
2022-11-13T12:22:15.080Z	-0.0003456	2.96	-0.024	0
2022-11-13T12:23:04.457Z	8.64E-05	3.02	-0.024	0
2022-11-13T12:23:53.834Z	0.0002592	2.04	-0.014	0
2022-11-13T12:24:43.211Z	-0.0000576	2.56	-0.006	0
2022-11-13T12:25:32.588Z	-0.0000288	2.7	-0.016	0
2022-11-13T12:26:21.965Z	0	3.38	-0.008	0
2022-11-13T12:27:11.342Z	0.00018	2.725	-0.0175	0
2022-11-13T12:28:00.719Z	0.000144	2.54	-0.008	0
2022-11-13T12:28:50.096Z	-0.0003168	3.26	0.008	0
2022-11-13T12:29:39.473Z	-0.0013536	3.6	0.048	0
2022-11-13T12:30:28.850Z	-0.0009504	3.14	0.038	0
2022-11-13T12:31:18.227Z	-0.0007488	2.82	0.04	0
2022-11-13T12:32:07.604Z	-0.0010656	2.36	0.064	0
2022-11-13T12:32:56.981Z	-0.0007488	3.04	0.028	0
2022-11-13T12:33:46.358Z	-0.0006912	3.3	0.046	0
2022-11-13T12:34:35.735Z	-0.0014976	2.9	0.094	0
2022-11-13T12:35:25.112Z	-0.001296	3.1	0.056	0
2022-11-13T12:36:14.489Z	-0.0004608	2.84	0.042	0
2022-11-13T12:37:03.866Z	0.0002304	2.36	0.014	0
2022-11-13T12:37:53.243Z	0.0003456	2.62	0.016	0
2022-11-13T12:38:42.620Z	0.0001728	2.72	0.01	0
2022-11-13T12:39:31.997Z	-0.0003456	2.98	0.034	0
2022-11-13T12:40:21.374Z	-0.000576	2.75	0.035	0
2022-11-13T12:41:10.751Z	-0.001032	3.116666667	0.043333333	0
2022-11-13T12:42:00.128Z	-0.001548	3.125	0.085	0
2022-11-13T12:42:49.505Z	-0.0008064	2.92	0.038	0
2022-11-13T12:43:38.882Z	-0.000432	2.42	0.026	0
2022-11-13T12:44:28.259Z	0.0000288	3.18	0.006	0
2022-11-13T12:45:17.636Z	-0.000576	3.06	0.02	0
2022-11-13T12:46:07.013Z	-0.000864	2.6	0.038	0
2022-11-13T12:46:56.390Z	-0.0010368	2.86	0.016	0
2022-11-13T12:47:45.767Z	-0.0005472	2.88	0.008	0
2022-11-13T12:48:35.144Z	-0.0013536	2.46	0.04	0
2022-11-13T12:49:24.521Z	-0.0005472	2.48	-0.008	0
2022-11-13T12:50:13.898Z	-0.0005472	2.82	-0.006	0
2022-11-13T12:51:03.275Z	-0.0003168	2.96	-0.036	0
2022-11-13T12:51:52.652Z	0.0000288	3.34	-0.022	0
2022-11-13T12:52:42.029Z	0.0006912	3.06	-0.046	0
2022-11-13T12:53:31.406Z	0.0008064	3.58	-0.072	0
2022-11-13T12:54:20.783Z	0.0003168	3.1	-0.042	0

2022-11-13T12:55:10.160Z	-0.000108	3	-0.04	0
2022-11-13T12:55:59.537Z	-0.0000576	3.06	-0.042	0
2022-11-13T12:56:48.914Z	-0.0013824	2.92	0.008	0
2022-11-13T12:57:38.291Z	-0.0009216	3.22	-0.022	0
2022-11-13T12:58:27.668Z	-0.0004032	2.76	-0.048	0
2022-11-13T12:59:17.045Z	-0.0005184	2.68	-0.03	0
2022-11-13T13:00:06.422Z	-0.0014688	3.08	0.036	0
2022-11-13T13:00:55.799Z	-0.0015552	3.14	0.01	0
2022-11-13T13:01:45.176Z	-0.0011808	2.64	-0.036	0
2022-11-13T13:02:34.553Z	-0.0010368	2.92	-0.036	0
2022-11-13T13:03:23.930Z	0.0002592	2.38	-0.08	0
2022-11-13T13:04:13.307Z	0.0004032	2.66	-0.074	0
2022-11-13T13:05:02.684Z	0.0006336	2.94	-0.098	0
2022-11-13T13:05:52.061Z	0.0005184	2.46	-0.104	0
2022-11-13T13:06:41.438Z	0.0001728	2.98	-0.072	0
2022-11-13T13:07:30.815Z	-0.0002592	3.32	-0.068	0
2022-11-13T13:08:20.192Z	-0.001512	3.375	-0.0175	0
2022-11-13T13:09:09.569Z	-0.0009504	3	-0.058	0
2022-11-13T13:09:58.946Z	-2.88E-05	3.6	-0.066	0
2022-11-13T13:10:48.323Z	0.0008928	3.18	-0.108	0
2022-11-13T13:11:37.700Z	0.0003168	3.32	-0.088	0
2022-11-13T13:12:27.077Z	0.000432	2.72	-0.104	0
2022-11-13T13:13:16.454Z	0.0001152	2.64	-0.09	0
2022-11-13T13:14:05.831Z	-0.0002016	3.4	-0.074	0
2022-11-13T13:14:55.208Z	-0.00072	3.08	-0.06	0
2022-11-13T13:15:44.585Z	-0.0000288	2.76	-0.088	0
2022-11-13T13:16:33.962Z	-0.0000576	2.62	-0.072	0
2022-11-13T13:17:23.339Z	0.0001728	3.26	-0.084	0
2022-11-13T13:18:12.716Z	-0.0003744	2.26	-0.046	0
2022-11-13T13:19:02.093Z	-0.0008352	2.76	-0.052	0
2022-11-13T13:19:51.470Z	-0.00036	2.875	-0.065	0
2022-11-13T13:20:40.847Z	0.000168	3	-0.068333333	0
2022-11-13T13:21:30.224Z	0.000288	2.675	-0.0825	0
2022-11-13T13:22:19.601Z	0.0006912	2.58	-0.086	0
2022-11-13T13:23:08.978Z	0.0006912	2.58	-0.068	0
2022-11-13T13:23:58.355Z	-0.0001728	2.74	-0.038	0
2022-11-13T13:24:47.732Z	-0.0000288	3.32	-0.044	0
2022-11-13T13:25:37.109Z	0.0008064	3.02	-0.072	0
2022-11-13T13:26:26.486Z	0.0012096	3.74	-0.068	0
2022-11-13T13:27:15.863Z	0.0007776	2.72	-0.054	0
2022-11-13T13:28:05.240Z	0.000864	3.02	-0.044	0
2022-11-13T13:28:54.617Z	0.0008352	2.88	-0.036	0
2022-11-13T13:29:43.994Z	0.0004608	2.6	-0.012	0
2022-11-13T13:30:33.371Z	0.0001728	3.16	0.004	0
2022-11-13T13:31:22.748Z	-0.000432	2.82	0.036	0
2022-11-13T13:32:12.125Z	0.0001728	2.82	0.018	0
2022-11-13T13:33:01.502Z	0.0002592	2.88	0.03	0
2022-11-13T13:33:50.879Z	-0.0004032	2.84	0.06	0
2022-11-13T13:34:40.256Z	3.6E-05	2.5	0.04	0
2022-11-13T13:35:29.633Z	0.0010944	3.12	0.032	0
2022-11-13T13:36:19.010Z	0.0009216	2.94	0.058	0
2022-11-13T13:37:08.387Z	0.001152	3.28	0.06	0
2022-11-13T13:37:57.764Z	0.000864	2.48	0.086	0
2022-11-13T13:38:47.141Z	0.0005184	2.42	0.104	0
2022-11-13T13:39:36.518Z	0.0005184	3.16	0.114	0
2022-11-13T13:40:25.895Z	0.000864	2.64	0.132	0
2022-11-13T13:41:15.272Z	0.0010656	3.5	0.132	0
2022-11-13T13:42:04.649Z	0.0012672	3.1	0.164	0

2022-11-13T13:42:54.026Z	0.0022752	3.02	0.156	0
2022-11-13T13:43:43.403Z	0.0019008	2.92	0.202	0
2022-11-13T13:44:32.780Z	0.0007776	3.24	0.26	0
2022-11-13T13:45:22.157Z	0.0009504	2.76	0.262	0
2022-11-13T13:46:11.534Z	0.0012672	3.22	0.288	0
2022-11-13T13:47:00.911Z	0.0008928	3.4	0.352	0
2022-11-13T13:47:50.288Z	0.00018	2.575	0.4025	0
2022-11-13T13:48:39.665Z	-0.0002592	3.12	0.452	0
2022-11-13T13:49:29.042Z	-0.0003744	3.02	0.474	0
2022-11-13T13:50:18.419Z	0.000864	2.56	0.482	0
2022-11-13T13:51:07.796Z	0.000576	3.2	0.522	0
2022-11-13T13:51:57.173Z	0.0003744	2.92	0.56	0
2022-11-13T13:52:46.550Z	0.0010368	2.54	0.58	0
2022-11-13T13:53:35.927Z	0.0009504	2.92	0.634	0
2022-11-13T13:54:25.304Z	0.0007776	3.76	0.696	0
2022-11-13T13:55:14.681Z	0.0002592	2.84	0.744	0
2022-11-13T13:56:04.058Z	0.000576	2.88	0.78	0
2022-11-13T13:56:53.435Z	0.0003744	3.38	0.828	0
2022-11-13T13:57:42.812Z	0.0005184	2.92	0.872	0
2022-11-13T13:58:32.189Z	0.0005472	3.3	0.914	0
2022-11-13T13:59:21.566Z	0.0008928	3.2	0.948	0
2022-11-13T14:00:10.943Z	0.0000288	2.84	1.032	0
2022-11-13T14:01:00.320Z	-0.000144	2.85	1.0875	0
2022-11-13T14:01:49.697Z	-0.00072	3.18	1.126	0
2022-11-13T14:02:39.074Z	0.0004896	3.28	1.154	0
2022-11-13T14:03:28.451Z	0.0011232	3.04	1.188	0
2022-11-13T14:04:17.828Z	0.0009504	2.52	1.224	0
2022-11-13T14:05:07.205Z	0.0019008	3.1	1.262	0
2022-11-13T14:05:56.582Z	0.001152	2.78	1.344	0
2022-11-13T14:06:45.959Z	0.0022176	3.82	1.372	0
2022-11-13T14:07:35.336Z	0.0014976	2.7	1.44	0
2022-11-13T14:08:24.713Z	0.0019872	3.18	1.51	0
2022-11-13T14:09:14.090Z	0.0022752	3.78	1.582	0
2022-11-13T14:10:03.467Z	0.0019008	3.52	1.688	0
2022-11-13T14:10:52.844Z	0.0025344	3.2	1.738	0
2022-11-13T14:11:42.221Z	0.0022176	3.12	1.832	0
2022-11-13T14:12:31.598Z	0.002592	3.12	1.916	0
2022-11-13T14:13:20.975Z	0.0021024	3.2	2.04	0
2022-11-13T14:14:10.352Z	0.0018	3.975	2.105	0
2022-11-13T14:14:59.729Z	0.0027936	2.48	2.194	0
2022-11-13T14:15:49.106Z	0.0031968	3.26	2.286	0
2022-11-13T14:16:38.483Z	0.0014976	2.8	2.468	0
2022-11-13T14:17:27.860Z	0.002736	3.3	2.538	0
2022-11-13T14:18:17.237Z	0.0021312	3	2.644	0
2022-11-13T14:19:06.614Z	0.0013248	3.08	2.86	0
2022-11-13T14:19:55.991Z	-0.0007488	3.38	3.08	0
2022-11-13T14:20:45.368Z	-0.0008064	3.42	3.226	0
2022-11-13T14:21:34.745Z	-0.0015264	3.34	3.324	0
2022-11-13T14:22:24.122Z	-0.0009792	3.12	3.394	0
2022-11-13T14:23:13.499Z	-0.0008928	3.1	3.454	0
2022-11-13T14:24:02.876Z	-0.0007776	3.62	3.564	0
2022-11-13T14:24:52.253Z	-0.0005184	2.98	3.652	0
2022-11-13T14:25:41.630Z	-0.0006624	3.2	3.776	0
2022-11-13T14:26:31.007Z	-0.0002592	3.84	3.928	0
2022-11-13T14:27:20.384Z	-0.00108	3.6	4.09	0
2022-11-13T14:28:09.761Z	-0.000144	3.12	4.094	0
2022-11-13T14:28:59.138Z	-0.0013824	3.76	4.276	0
2022-11-13T14:29:48.515Z	-0.0014688	3.16	4.298	0

2022-11-13T14:30:37.892Z	-0.000432	3.38	4.472	0
2022-11-13T14:31:27.269Z	-0.0003168	3.26	4.442	0
2022-11-13T14:32:16.646Z	8.64E-05	3.24	4.498	0
2022-11-13T14:33:06.023Z	0.000288	3.56	4.552	0
2022-11-13T14:33:55.400Z	0.0006048	3.18	4.638	0
2022-11-13T14:34:44.777Z	0.0002592	3.44	4.786	0
2022-11-13T14:35:34.154Z	-0.0010656	3.54	4.95	0
2022-11-13T14:36:23.531Z	-0.0007776	3.52	4.98	0
2022-11-13T14:37:12.908Z	-0.0002304	3.42	5.106	0
2022-11-13T14:38:02.285Z	-0.0003456	2.54	5.21	0
2022-11-13T14:38:51.662Z	-0.000576	3.22	5.25	0
2022-11-13T14:39:41.039Z	0.0001152	3.32	5.286	0
2022-11-13T14:40:30.416Z	-0.000612	2.975	5.37	0
2022-11-13T14:41:19.793Z	-0.0007488	3.12	5.426	0
2022-11-13T14:42:09.170Z	-0.000144	3.08	5.5	0
2022-11-13T14:42:58.547Z	-0.0003456	2.96	5.57	0
2022-11-13T14:43:47.924Z	0.0006336	3.02	5.576	0
2022-11-13T14:44:37.301Z	0.0008352	3.26	5.664	0
2022-11-13T14:45:26.678Z	0.0000864	3.32	5.742	0
2022-11-13T14:46:16.055Z	-0.0003744	3.32	5.872	0
2022-11-13T14:47:05.432Z	-0.0004032	3.28	5.944	0
2022-11-13T14:47:54.809Z	-0.0002304	2.8	5.988	0
2022-11-13T14:48:44.186Z	0.000432	3.3	5.98	0
2022-11-13T14:49:33.563Z	0.0003744	2.88	6.06	0
2022-11-13T14:50:22.940Z	0.000144	3.32	6.116	0
2022-11-13T14:51:12.317Z	-0.0000864	3.56	6.26	0
2022-11-13T14:52:01.694Z	-0.0007488	2.22	6.396	0
2022-11-13T14:52:51.071Z	-0.0006048	2.82	6.396	0
2022-11-13T14:53:40.448Z	-0.001404	3.7	6.475	0
2022-11-13T14:54:29.825Z	-0.0010944	3.04	6.42	0
2022-11-13T14:55:19.202Z	0.0001152	3.52	6.512	0
2022-11-13T14:56:08.579Z	0.0010944	2.92	6.478	0
2022-11-13T14:56:57.956Z	0.0000288	2.98	6.59	0
2022-11-13T14:57:47.333Z	0.0004032	3.16	6.62	0
2022-11-13T14:58:36.710Z	0.0003456	2.94	6.612	0
2022-11-13T14:59:26.087Z	0.001728	2.84	6.604	0
2022-11-13T15:00:15.464Z	0.0033984	3.02	6.6	0
2022-11-13T15:01:04.841Z	0.0032256	2.68	6.64	0
2022-11-13T15:01:54.218Z	0.0024768	2.9	6.718	0
2022-11-13T15:02:43.595Z	0.0016128	3.06	6.786	0
2022-11-13T15:03:32.972Z	0.0023616	2.66	6.816	0
2022-11-13T15:04:22.349Z	0.0001728	2.86	6.968	0
2022-11-13T15:05:11.726Z	0.0003168	2.8	6.998	0
2022-11-13T15:06:01.103Z	0.000432	3.4	7.104	0
2022-11-13T15:06:50.480Z	0.000144	3.38	7.166	0
2022-11-13T15:07:39.857Z	0.0007488	3.16	7.166	0
2022-11-13T15:08:29.234Z	0.000576	2.5	7.275	0
2022-11-13T15:09:18.611Z	0.0006624	3.1	7.356	0
2022-11-13T15:10:07.988Z	-0.000432	3.2	7.464	0
2022-11-13T15:10:57.365Z	0.0001152	3.1	7.452	0
2022-11-13T15:11:46.742Z	0.0006912	2.54	7.548	0
2022-11-13T15:12:36.119Z	-0.0002592	3.42	7.648	0
2022-11-13T15:13:25.496Z	-0.0007488	3.44	7.806	0
2022-11-13T15:14:14.873Z	-0.0002016	2.4	7.764	0
2022-11-13T15:15:04.250Z	-0.0003744	3.04	7.846	0
2022-11-13T15:15:53.627Z	-0.0000288	2.96	7.94	0
2022-11-13T15:16:43.004Z	-0.0006048	3.46	8.028	0
2022-11-13T15:17:32.381Z	0.0000576	3.08	8.044	0

2022-11-13T15:18:21.758Z	-5.76E-05	3.5	8.136	0
2022-11-13T15:19:11.135Z	-0.0003168	2.96	8.212	0
2022-11-13T15:20:00.512Z	-0.000144	2.625	8.2575	0
2022-11-13T15:20:49.889Z	-0.000408	2.716666667	8.305	0
2022-11-13T15:21:39.266Z	-0.000612	2.675	8.325	0
2022-11-13T15:22:28.643Z	0.0016704	3.16	8.256	0
2022-11-13T15:23:18.020Z	0.0013536	3.1	8.366	0
2022-11-13T15:24:07.397Z	0.0023328	2.62	8.346	0
2022-11-13T15:24:56.774Z	0.0016416	2.96	8.394	0
2022-11-13T15:25:46.151Z	0.0023328	2.68	8.414	0
2022-11-13T15:26:35.528Z	0.0039456	2.72	8.404	0
2022-11-13T15:27:24.905Z	0.0041184	2.9	8.466	0
2022-11-13T15:28:14.282Z	0.0044064	2.8	8.486	0
2022-11-13T15:29:03.659Z	0.0045504	2.9	8.544	0
2022-11-13T15:29:53.036Z	0.003024	2.6	8.62	0
2022-11-13T15:30:42.413Z	0.0020448	2.56	8.712	0
2022-11-13T15:31:31.790Z	0.0001152	3	8.808	0
2022-11-13T15:32:21.167Z	-0.0002304	2.52	8.898	0
2022-11-13T15:33:10.544Z	0.0005184	2.68	8.904	0
2022-11-13T15:33:59.921Z	0.001512	2.475	8.9075	0
2022-11-13T15:34:49.298Z	0.0023328	3	8.956	0
2022-11-13T15:35:38.675Z	0.002304	2.84	9.056	0
2022-11-13T15:36:28.052Z	0.0015552	2.56	9.132	0
2022-11-13T15:37:17.429Z	0.0023328	2.76	9.17	0
2022-11-13T15:38:06.806Z	0.0003744	2.82	9.324	0
2022-11-13T15:38:56.183Z	0.0002304	2.78	9.348	0
2022-11-13T15:39:45.560Z	-0.0005184	2.66	9.488	0
2022-11-13T15:40:34.937Z	-0.0011808	2.9	9.63	0
2022-11-13T15:41:24.314Z	-0.0006912	2.62	9.582	0
2022-11-13T15:42:13.691Z	0.001008	2.64	9.54	0
2022-11-13T15:43:03.068Z	0.0004032	2.3	9.642	0
2022-11-13T15:43:52.445Z	-0.0006336	2.64	9.872	0
2022-11-13T15:44:41.822Z	0.0000576	2.38	9.754	0
2022-11-13T15:45:31.199Z	0.0005184	2.24	9.84	0
2022-11-13T15:46:20.576Z	-0.0002592	2.64	9.882	0
2022-11-13T15:47:09.953Z	-0.0001728	2.24	9.922	0
2022-11-13T15:47:59.330Z	-0.00108	2.325	10.0075	0
2022-11-13T15:48:48.707Z	0.0003744	2.62	9.856	0
2022-11-13T15:49:38.084Z	-0.000432	2.36	9.946	0
2022-11-13T15:50:27.461Z	0.0000576	2.56	10.006	0
2022-11-13T15:51:16.838Z	-0.0006048	2.64	10.086	0
2022-11-13T15:52:06.215Z	-0.0010944	2.96	10.13	0
2022-11-13T15:52:55.592Z	-0.000432	2.78	10.012	0
2022-11-13T15:53:44.969Z	0.000432	2.24	10.022	0
2022-11-13T15:54:34.346Z	0.0015264	2.64	9.984	0
2022-11-13T15:55:23.723Z	0.0013248	2.28	10.032	0
2022-11-13T15:56:13.100Z	0.000432	2.74	10.166	0
2022-11-13T15:57:02.477Z	-0.0010656	2.2	10.23	0
2022-11-13T15:57:51.854Z	-0.000288	2.24	10.192	0
2022-11-13T15:58:41.231Z	2.88E-05	2.68	10.274	0
2022-11-13T15:59:30.608Z	-0.0003168	2.14	10.198	0
2022-11-13T16:00:19.985Z	0.0004032	2.28	10.126	0
2022-11-13T16:01:09.362Z	0.000972	2.2	10.105	0
2022-11-13T16:01:58.739Z	0.0010656	2.46	10.136	0
2022-11-13T16:02:48.116Z	0.003312	2.48	10.078	0
2022-11-13T16:03:37.493Z	0.0025056	2.44	10.132	0
2022-11-13T16:04:26.870Z	0.0023328	1.98	10.118	0
2022-11-13T16:05:16.247Z	0.002592	2.88	10.142	0

2022-11-13T16:06:05.624Z	0.0007776	1.98	10.192	0
2022-11-13T16:06:55.001Z	0.00072	2.7	10.216	0
2022-11-13T16:07:44.378Z	0.0014976	2.52	10.206	0
2022-11-13T16:08:33.755Z	0.0026784	2.82	10.182	0
2022-11-13T16:09:23.132Z	0.0040032	2.3	10.19	0
2022-11-13T16:10:12.509Z	0.0024192	2.76	10.288	0
2022-11-13T16:11:01.886Z	0.0008064	2.72	10.352	0
2022-11-13T16:11:51.263Z	-0.0000288	2.28	10.476	0
2022-11-13T16:12:40.640Z	-0.0003744	2.7	10.644	0
2022-11-13T16:13:30.017Z	-0.0012672	2.84	10.762	0
2022-11-13T16:14:19.394Z	-0.00144	2.1	10.7075	0
2022-11-13T16:15:08.771Z	-0.0013536	2.62	10.724	0
2022-11-13T16:15:58.148Z	0.0010656	2.26	10.562	0
2022-11-13T16:16:47.525Z	0.00072	2.18	10.592	0
2022-11-13T16:17:36.902Z	0.0034272	2.38	10.524	0
2022-11-13T16:18:26.279Z	0.0033408	2.54	10.56	0
2022-11-13T16:19:15.656Z	0.0026784	2.12	10.642	0
2022-11-13T16:20:05.033Z	0.0018432	2.84	10.662	0
2022-11-13T16:20:54.410Z	0.0031392	3.1	10.668	0
2022-11-13T16:21:43.787Z	0.00144	2.86	10.752	0
2022-11-13T16:22:33.164Z	0.0043488	3.16	10.69	0
2022-11-13T16:23:22.541Z	0.0050976	2.56	10.754	0
2022-11-13T16:24:11.918Z	0.0044064	2.08	10.792	0
2022-11-13T16:25:01.295Z	0.0025344	2.28	10.878	0
2022-11-13T16:25:50.672Z	0.0005184	2.78	11.02	0
2022-11-13T16:26:40.049Z	0.0002304	2.76	11.092	0
2022-11-13T16:27:29.426Z	-0.000324	2.6	11.0975	0
2022-11-13T16:28:18.803Z	-0.0006336	2.6	11.178	0
2022-11-13T16:29:08.180Z	0.000144	2.7	11.118	0
2022-11-13T16:29:57.557Z	0.0023904	2.6	11.094	0
2022-11-13T16:30:46.934Z	0.0039744	2.76	11.118	0
2022-11-13T16:31:36.311Z	0.005328	2.62	11.122	0
2022-11-13T16:32:25.688Z	0.0071424	2	11.176	0
2022-11-13T16:33:15.065Z	0.0094752	2.42	11.218	0
2022-11-13T16:34:04.442Z	0.006624	1.94	11.268	0
2022-11-13T16:34:53.819Z	0.0038016	2.84	11.35	0
2022-11-13T16:35:43.196Z	0.001584	2.18	11.484	0
2022-11-13T16:36:32.573Z	-0.0004896	2.48	11.624	0
2022-11-13T16:37:21.950Z	-0.0006048	2.34	11.618	0
2022-11-13T16:38:11.327Z	0.0011808	2.66	11.6	0
2022-11-13T16:39:00.704Z	0.0002304	2.1	11.664	0
2022-11-13T16:39:50.081Z	-0.0009504	2.24	11.792	0
2022-11-13T16:40:39.458Z	-0.00018	2.625	11.7575	0
2022-11-13T16:41:28.835Z	0.0022752	2.46	11.73	0
2022-11-13T16:42:18.212Z	0.0021312	2.5	11.884	0
2022-11-13T16:43:07.589Z	0.0023616	2.28	11.86	0
2022-11-13T16:43:56.966Z	0.0025056	2.42	11.908	0
2022-11-13T16:44:46.343Z	0.004896	2.26	11.892	0
2022-11-13T16:45:35.720Z	0.0106272	2.7	11.954	0
2022-11-13T16:46:25.097Z	0.0073152	2.58	12.032	0
2022-11-13T16:47:14.474Z	0.0051552	2.42	12.068	0
2022-11-13T16:48:03.851Z	0.0046368	2.62	12.138	0
2022-11-13T16:48:53.228Z	0.0033408	2.12	12.198	0
2022-11-13T16:49:42.605Z	0.0008928	1.94	12.322	0
2022-11-13T16:50:31.982Z	0.000576	2.34	12.388	0
2022-11-13T16:51:21.359Z	-0.0006048	1.88	12.542	0
2022-11-13T16:52:10.736Z	-0.0000864	2.42	12.652	0
2022-11-13T16:53:00.113Z	-0.0010656	2.5	12.818	0

2022-11-13T16:53:49.490Z	-0.001368	2.55	12.7175	0
2022-11-13T16:54:38.867Z	-0.0007776	1.68	12.69	0
2022-11-13T16:55:28.244Z	0.002448	2.7	12.578	0
2022-11-13T16:56:17.621Z	0.0036864	2.6	12.6	0
2022-11-13T16:57:06.998Z	0.005328	2.34	12.624	0
2022-11-13T16:57:56.375Z	0.0050112	2.56	12.674	0
2022-11-13T16:58:45.752Z	0.0016128	2.18	12.906	0
2022-11-13T16:59:35.129Z	0.0009504	1.68	12.87	0
2022-11-13T17:00:24.506Z	0.0004032	1.94	12.908	0
2022-11-13T17:01:13.883Z	0.0022176	1.86	12.896	0
2022-11-13T17:02:03.260Z	0.001152	1.82	13.004	0
2022-11-13T17:02:52.637Z	0.0005472	2.6	13.042	0
2022-11-13T17:03:42.014Z	0.0000864	2.64	13.082	0
2022-11-13T17:04:31.391Z	0.0004896	2.2	13.118	0
2022-11-13T17:05:20.768Z	0.0015552	1.9	13.148	0
2022-11-13T17:06:10.145Z	0.003168	2.68	13.112	0
2022-11-13T17:06:59.522Z	0.004788	2.325	13.1225	0
2022-11-13T17:07:48.899Z	0.00432	2.6	13.178	0
2022-11-13T17:08:38.276Z	0.0040896	2.2	13.226	0
2022-11-13T17:09:27.653Z	0.002592	2.74	13.33	0
2022-11-13T17:10:17.030Z	0.0022752	2.3	13.412	0
2022-11-13T17:11:06.407Z	-0.0007488	2.26	13.55	0
2022-11-13T17:11:55.784Z	0.0016128	2.32	13.498	0
2022-11-13T17:12:45.161Z	0.0039168	2.34	13.494	0
2022-11-13T17:13:34.538Z	0.0063072	2.2	13.546	0
2022-11-13T17:14:23.915Z	0.0029664	2.84	13.658	0
2022-11-13T17:15:13.292Z	0.00432	2.34	13.694	0
2022-11-13T17:16:02.669Z	0.0040032	2.76	13.778	0
2022-11-13T17:16:52.046Z	0.0014112	2.08	13.93	0
2022-11-13T17:17:41.423Z	-0.0008064	2.1	14.106	0
2022-11-13T17:18:30.800Z	0.0027648	1.98	14.004	0
2022-11-13T17:19:20.177Z	0.0034848	2	14.064	0
2022-11-13T17:20:09.554Z	0.002736	2.725	14.145	0
2022-11-13T17:20:58.931Z	0.0041184	2.46	14.186	0
2022-11-13T17:21:48.308Z	0.0042624	2.06	14.266	0
2022-11-13T17:22:37.685Z	0.0047808	2.08	14.334	0
2022-11-13T17:23:27.062Z	0.0089856	2.88	14.392	0
2022-11-13T17:24:16.439Z	0.0051552	1.82	14.53	0
2022-11-13T17:25:05.816Z	0.001152	2.18	14.61	0
2022-11-13T17:25:55.193Z	0.000144	2.76	14.822	0
2022-11-13T17:26:44.570Z	0.0006048	2.58	14.802	0
2022-11-13T17:27:33.947Z	0.001584	2.86	14.836	0
2022-11-13T17:28:23.324Z	0.003744	2.08	14.858	0
2022-11-13T17:29:12.701Z	0.004896	2.78	14.932	0
2022-11-13T17:30:02.078Z	0.0038592	2.24	15.042	0
2022-11-13T17:30:51.455Z	0.0040608	3	15.138	0
2022-11-13T17:31:40.832Z	0.0009504	2.3	15.296	0
2022-11-13T17:32:30.209Z	0.000108	2.625	15.41	0
2022-11-13T17:33:19.586Z	-0.000288	2.68	15.61	0
2022-11-13T17:34:08.963Z	-0.001404	2.575	16.31	0
2022-11-13T17:34:58.340Z	-0.001404	2.825	16.28	0
2022-11-13T17:35:47.717Z	-0.001332	2.375	16.0525	0
2022-11-13T17:36:37.094Z	-0.0004608	2.52	15.99	0
2022-11-13T17:37:26.471Z	0.0010368	2.8	15.878	0
2022-11-13T17:38:15.848Z	0.0054144	2.06	15.866	0
2022-11-13T17:39:05.225Z	0.004896	2.3	15.958	0
2022-11-13T17:39:54.602Z	0.0028224	2.06	16.074	0
2022-11-13T17:40:43.979Z	0.0017568	1.92	16.134	0

2022-11-13T17:41:33.356Z	0.0038304	2.68	16.136	0
2022-11-13T17:42:22.733Z	0.0094176	2.06	16.206	0
2022-11-13T17:43:12.110Z	0.0107712	2.08	16.27	0
2022-11-13T17:44:01.487Z	0.0083232	2.16	16.33	0
2022-11-13T17:44:50.864Z	0.0054144	2.54	16.424	0
2022-11-13T17:45:40.241Z	0.0030528	2.56	16.516	0
2022-11-13T17:46:29.618Z	0.00216	2.28	16.614	0
2022-11-13T17:47:18.995Z	0.0003456	2.68	16.698	0
2022-11-13T17:48:08.372Z	0.00252	2.025	16.7175	0
2022-11-13T17:48:57.749Z	0.002736	2.02	16.752	0
2022-11-13T17:49:47.126Z	0.0014688	2.26	16.86	0



Test Report

Start Date: Saturday, November 12th, 2022, 3:06 PM MST
End Date: Sunday, November 13th, 2022, 10:51 AM MST
Device: VB100-0052
Well Licensee: NMOCD
Well Name: Fowler hair 5
UWI: 30-025-11107
Well License Number: 30-025-11107
Surface Location: Fowler hair
Bottom Hole Location: unknown

Test Operator: f.v
Authorized By: NMOCD
Test Reason: IIJA/PRE PLUG
Scope Of Work: 12-Hour
AFE Number: NMOCD038AA/APWS22.001
GPS: 32.22195,-103.14125
Notes: monitoring casing flow

Flow Test

Average Flowrate

-0.00

m3/d

Average Flow
Temperature**6.2**

°C

Average Flow
Pressure**2.6**

kPag

Flow Duration

19.7

hours

Pressure Test

Maximum Shut-In Pressure

--

Last 24Hr Average Shut-In
Pressure

--

*Displays after 24hrs of stabilized shut-
in pressure

Extrapolated Shut-In Pressure

--

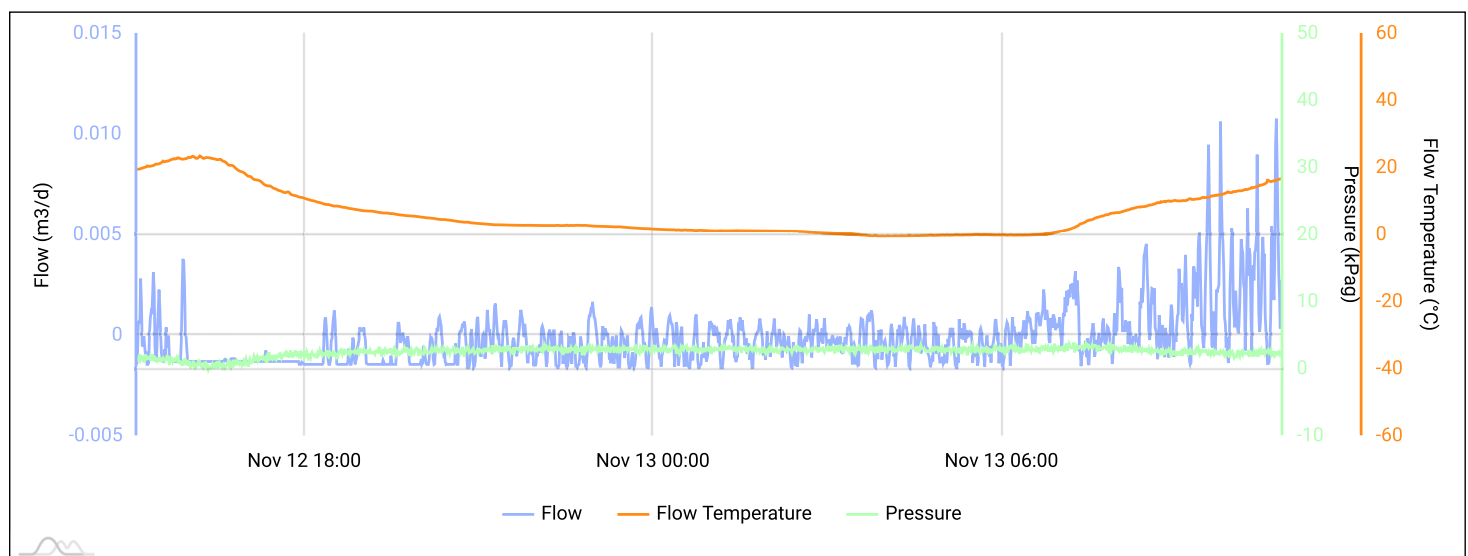
*Only valid for an unstable shut-in
pressure

Shut-in Pressure Duration

0.0

hours

Flow/Pressure/Temperature Timeseries



Field Notes

Data Retention Time:

Testing data shall be stored on this web platform for a period of 6-months. It is strongly recommended that the User download and store the electronic PDF reports and CSV Data into their own database, immediately upon viewing.

Ventbuster Instruments Inc. Disclaimer:

The Ventbuster® is a high precision low flow vent gas meter. As it is deployed into testing conditions beyond our control, we are not liable for, or make warranties, as to the resultant test information. Any decisions or interpretations made from the test results are the sole responsibility and discretion of the User.

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Interval Report

Interval Start Date: Sunday, November 13th, 2022, 8:23 AM MST
Interval End Date: Sunday, November 13th, 2022, 10:49 AM MST
Device: VB100-0052
Well Licensee: NMOCD
Well Name: Fowler hair 5
UWI: 30-025-11107
Well License Number: 30-025-11107
Surface Location: Fowler hair
Bottom Hole Location: unknown

Test Operator: f.v
Authorized By: NMOCD
Test Reason: IIJA/PRE PLUG
Scope Of Work: 12-Hour
AFE Number: NMOCD038AA/APWS22.001
GPS: 32.22195,-103.14125
Notes: monitoring casing flow

Flow Test

Average Flowrate

0.00

m3/d

<0.00

g/ hour

Average Flow
Temperature**12.0**

°C

Average Flow
Pressure**2.5**

kPag

Flow Duration

2.4

hours

Pressure Test

Maximum Shut-In Pressure

--

Last 24Hr Average Shut-In
Pressure

--

*Displays after 24hrs of stabilized shut-in pressure

Extrapolated Shut-In Pressure

--

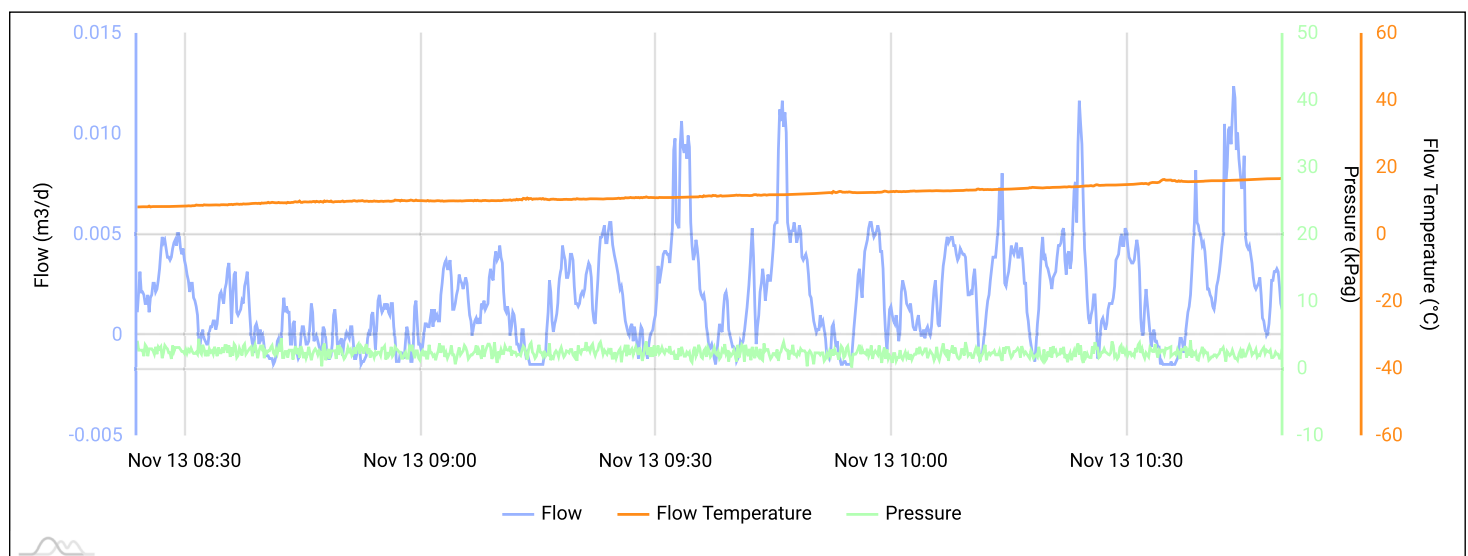
*Only valid for an unstable shut-in pressure

Shut-in Pressure Duration

0.0

hours

Flow/Pressure/Temperature Timeseries



Data Retention Time:

Testing data shall be stored on this web platform for a period of 6-months. It is strongly recommended that the User download and store the electronic PDF reports and CSV Data into their own database, immediately upon viewing.

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www.permianls.com
575.397.3713 2609 W Marland Hobbs NM 88240

C6+ Gas Analysis Report

15280G	Fowler #5 Hair Casing	Fowler #5 Hair Casing	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022060199	Tedlar Bag	Curtis - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Nov 12, 2022 14:30	Nov 12, 2022 14:30	Nov 15, 2022 08:58	Nov 15, 2022
Date Sampled	Date Effective	Date Received	Date Reported
Torrance			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Well Done Foundation		NG	
Operator		Lab Source Description	

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	97.3150	97.31529	
CO2 (CO2)	0.0340	0.03384	
Methane (C1)	0.4160	0.4162	
Ethane (C2)	0.2500	0.24997	0.0670
Propane (C3)	0.4020	0.40244	0.1110
I-Butane (IC4)	0.1230	0.12279	0.0400
N-Butane (NC4)	0.4470	0.44721	0.1410
I-Pentane (IC5)	0.2770	0.27652	0.1010
N-Pentane (NC5)	0.3210	0.32059	0.1160
Hexanes Plus (C6+)	0.4150	0.41515	0.1800
TOTAL	100.0000	100.0000	0.7560

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Sep 26, 2022

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
82.9	82.3	83.1	82.5

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.9926	0.9925
Molecular Weight	
28.7449	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
0 PPM

PROTREND STATUS: Passed By Validator on Nov 16, 2022
DATA SOURCE: Imported

PASSED BY VALIDATOR REASON:
Close enough to be considered reasonable.

VALIDATOR:
Luis Cano
VALIDATOR COMMENTS:
ok

Source	Date	Notes
Luis Cano	Nov 16, 2022 8:36 am	Methane: 4,160 PPM



Weather in Hobbs, November 12

November 12, 2022

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +28°	+23°	30.2	E 5.8	50%
Morning	 +28°	+21°	30.3	SE 5.4	57%
Day	 +50°	+46°	30.2	S 9.4	22%
Evening	 +41°	+36°	30.2	S 9.2	32%

Bio-meteorological forecast

Meteorological sensitivity index	3	Meteosensitive people are likely to experience weather-related symptoms.
Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	1	Small risk of harm from unprotected sun exposure for people with sensitive skin types.

November 12, 2021

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +45°	+39°	26.3	SW 7.8	43%
Morning		+37°	26.4	NW 10.5	41%

**+43°**

Day		+57°	+57°	26.6	NE 13	22%
Evening		+46°	+45°	26.5	SE 4.7	31%

Bio-meteorological forecast

Meteorological sensitivity index	1	Weather situation is generally favorable to meteosensitive people.
Geomagnetic conditions	1	Weak solar activity may affect some highly sensitive people.
Influence of solar activity	1	Small risk of harm from unprotected sun exposure for people with sensitive skin types.

November 12, 2020

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	+45°	+41°	26.2	W 6.7	47%
Morning	+43°	+37°	26.3	NW 8.1	34%
Day	+75°	+75°	26.4	W 13	16%
Evening	+57°	+57°	26.3	N 4	27%

Bio-meteorological forecast

Meteorological sensitivity index	1	Weather situation is generally favorable to meteosensitive people.
---	---	--

Geomagnetic conditions	1	Weak solar activity may affect some highly sensitive people.
Influence of solar activity	1	Small risk of harm from unprotected sun exposure for people with sensitive skin types.



Weather in Hobbs, November 13

November 13, 2022

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +39°	+30°	26.4	SE 9.2	62%
Morning	 +36°	+28°	26.4	SE 15.9	39%
Day	 +48°	+43°	26.2	SE 13.6	39%
Evening	 +39°	+32°	26.1	SE 11.4	56%

Bio-meteorological forecast

Meteorological sensitivity index	1	Weather situation is generally favorable to meteosensitive people.
Geomagnetic conditions	1	Weak solar activity may affect some highly sensitive people.
Influence of solar activity	1	Small risk of harm from unprotected sun exposure for people with sensitive skin types.

November 13, 2021

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +39°	+36°	26.5	SW 5.6	49%
Morning		+30°	26.5	SW 8.9	54%

 +37°

Day		+70°	+70°	26.5	SW 12.3	18%
Evening		+59°	+59°	26.4	SW 7.8	19%

Bio-meteorological forecast

Meteorological sensitivity index	1	Weather situation is generally favorable to meteosensitive people.
Geomagnetic conditions	1	Weak solar activity may affect some highly sensitive people.
Influence of solar activity	1	Small risk of harm from unprotected sun exposure for people with sensitive skin types.

November 13, 2020

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	 +50°	+45°	26.4	E 13.2	40%
Morning	 +43°	+37°	26.5	NE 11.2	71%
Day	 +52°	+52°	26.4	E 7.2	65%
Evening	 +52°	+52°	26.3	S 6.7	77%

Bio-meteorological forecast

Meteorological sensitivity index	3	Meteosensitive people are likely to experience weather-related symptoms.
----------------------------------	---	--

Geomagnetic conditions	2	Solar activity may affect some sensitive people.
Influence of solar activity	1	Small risk of harm from unprotected sun exposure for people with sensitive skin types.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 160497

QUESTIONS

Operator: PRIMAL ENERGY CORPORATION 211 Highland Cross Houston, TX 77073	OGRID: 154303
	Action Number: 160497
	Action Type: [UF-OMA] Pre-Plug Methane Monitoring (UF-OMA-MMA)

QUESTIONS

Prerequisites	
[OGRID] Well Operator	[154303] PRIMAL ENERGY CORPORATION
[API] Well Name and Number	[30-025-11107] FOWLER HAIR #005
Well Status	Reclamation Fund Approved

Monitoring Event Information	
Reason For Filing	Pre-Plug Methane Monitoring
Date of monitoring	11/13/2022

Monitoring Event Details	
Flow rate in cubic meters per day (m³/day)	0.00
Test duration in hours (hr)	2.4
Average flow temperature in degrees Celsius (°C)	12.0
Average gauge flow pressure in kilopascals (kPag)	2.5
Methane concentration in part per million (ppm)	4,160
Methane emission rate in grams per hour (g/hr)	0.00
Testing Method	steady state

Monitoring Contractor	
Name of monitoring contractor	Well Done Foundation