

Ventbuster Test Data

Test ID: 630cf155ef71e48ceb133300
 Start Date: Fri Aug 26 2022 22:46:50 GMT+0000 (Coordinated Universal Time)
 End Date: Sat Aug 27 2022 20:22:13 GMT+0000 (Coordinated Universal Time)
 Device: VB100-0049
 Well Owner: Well Done Foundation Inc.
 Service Provider: Well Done Foundation Inc.
 Well Licensee: NMOCD
 Well Name: TWIN LAKES 005
 UWI: 30-005-60572
 Well License Number: 30-005-60572
 Surface Location: Private
 Bottom Hole Location: UNKNOWN
 Test Operator: DJF
 Authorized By: NMOCD
 Test Reason: PRE PLUG
 Scope of Work: 12-Hour
 AFE Number: NMOCD038AA/APWS22.001
 GPS: 33.58826 -104.03201
 Notes: GTG

Field Notes:

time	Flow_m3_per_day	Flow_Temperature_C	Pressure_kPag	Shut_in_Status_Mode
2022-08-26T22:46:50.000Z	1.20E-03	3.19E+01	-3.05E+00	0.2
2022-08-26T22:47:43.974Z	2.59E-03	3.20E+01	-2.67E+00	0
2022-08-26T22:48:37.948Z	1.68E-03	3.21E+01	-2.38E+00	0
2022-08-26T22:49:31.922Z	2.10E-03	3.21E+01	-2.76E+00	0
2022-08-26T22:50:25.896Z	2.65E-03	3.22E+01	-2.84E+00	0
2022-08-26T22:51:19.870Z	2.81E-03	3.23E+01	-2.78E+00	0
2022-08-26T22:52:13.844Z	3.02E-03	3.23E+01	-2.92E+00	0
2022-08-26T22:53:07.818Z	3.31E-03	3.24E+01	-2.38E+00	0
2022-08-26T22:54:01.792Z	3.83E-03	3.25E+01	-2.12E+00	0
2022-08-26T22:54:55.766Z	3.60E-03	3.25E+01	-2.54E+00	0
2022-08-26T22:55:49.740Z	2.30E-03	3.26E+01	-2.40E+00	0
2022-08-26T22:56:43.714Z	2.97E-03	3.26E+01	-2.72E+00	0
2022-08-26T22:57:37.688Z	3.38E-03	3.27E+01	-2.95E+00	0
2022-08-26T22:58:31.662Z	3.37E-03	3.27E+01	-3.10E+00	0
2022-08-26T22:59:25.636Z	3.46E-03	3.28E+01	-2.06E+00	0
2022-08-26T23:00:19.610Z	2.35E-03	3.29E+01	-2.85E+00	0
2022-08-26T23:01:13.584Z	1.18E-03	3.29E+01	-2.72E+00	0
2022-08-26T23:02:07.558Z	2.50E-03	3.30E+01	-2.45E+00	0
2022-08-26T23:03:01.532Z	1.07E-03	3.31E+01	-2.36E+00	0
2022-08-26T23:03:55.506Z	1.15E-03	3.31E+01	-3.40E+00	0
2022-08-26T23:04:49.480Z	-1.22E-03	3.32E+01	-1.90E+00	0
2022-08-26T23:05:43.454Z	-2.02E-04	3.33E+01	-3.06E+00	0
2022-08-26T23:06:37.428Z	9.36E-04	3.33E+01	-2.75E+00	0
2022-08-26T23:07:31.402Z	-8.64E-05	3.34E+01	-2.72E+00	0
2022-08-26T23:08:25.376Z	1.35E-03	3.34E+01	-2.52E+00	0
2022-08-26T23:09:19.350Z	8.40E-04	3.35E+01	-2.50E+00	0
2022-08-26T23:10:13.324Z	7.20E-04	3.35E+01	-3.22E+00	0
2022-08-26T23:11:07.298Z	1.20E-03	3.36E+01	-2.55E+00	0
2022-08-26T23:12:01.272Z	1.58E-03	3.36E+01	-2.52E+00	0
2022-08-26T23:12:55.246Z	1.76E-03	3.37E+01	-2.76E+00	0
2022-08-26T23:13:49.220Z	1.46E-03	3.38E+01	-2.75E+00	0

2022-08-26T23:14:43.194Z	2.13E-03	3.38E+01	-2.12E+00	0
2022-08-26T23:15:37.168Z	2.42E-03	3.37E+01	-2.43E+00	0
2022-08-26T23:16:31.142Z	1.90E-03	3.38E+01	-2.76E+00	0
2022-08-26T23:17:25.116Z	3.69E-03	3.38E+01	-2.82E+00	0
2022-08-26T23:18:19.090Z	5.78E-03	3.38E+01	-2.50E+00	0
2022-08-26T23:19:13.064Z	4.32E-03	3.38E+01	-2.80E+00	0
2022-08-26T23:20:07.038Z	5.35E-03	3.39E+01	-2.05E+00	0
2022-08-26T23:21:01.012Z	5.07E-03	3.39E+01	-2.38E+00	0
2022-08-26T23:21:54.986Z	3.14E-03	3.39E+01	-2.62E+00	0
2022-08-26T23:22:48.960Z	3.50E-03	3.39E+01	-2.80E+00	0
2022-08-26T23:23:42.934Z	2.82E-03	3.39E+01	-2.74E+00	0
2022-08-26T23:24:36.908Z	2.76E-03	3.39E+01	-2.38E+00	0
2022-08-26T23:25:30.882Z	2.71E-03	3.39E+01	-2.85E+00	0
2022-08-26T23:26:24.856Z	3.17E-03	3.38E+01	-2.74E+00	0
2022-08-26T23:27:18.830Z	2.86E-03	3.38E+01	-2.65E+00	0
2022-08-26T23:28:12.804Z	2.51E-03	3.38E+01	-3.38E+00	0
2022-08-26T23:29:06.778Z	4.87E-03	3.37E+01	-2.96E+00	0
2022-08-26T23:30:00.752Z	2.59E-03	3.37E+01	-2.28E+00	0
2022-08-26T23:30:54.726Z	2.79E-03	3.37E+01	-3.00E+00	0
2022-08-26T23:31:48.700Z	2.95E-03	3.37E+01	-2.75E+00	0
2022-08-26T23:32:42.674Z	2.74E-03	3.37E+01	-2.64E+00	0
2022-08-26T23:33:36.648Z	1.07E-03	3.37E+01	-2.82E+00	0
2022-08-26T23:34:30.622Z	1.06E-03	3.36E+01	-2.70E+00	0
2022-08-26T23:35:24.596Z	2.04E-03	3.36E+01	-2.76E+00	0
2022-08-26T23:36:18.570Z	1.66E-03	3.36E+01	-2.78E+00	0
2022-08-26T23:37:12.544Z	2.68E-03	3.36E+01	-2.10E+00	0
2022-08-26T23:38:06.518Z	3.05E-03	3.36E+01	-2.58E+00	0
2022-08-26T23:39:00.492Z	1.25E-03	3.36E+01	-3.38E+00	0
2022-08-26T23:39:54.466Z	2.68E-03	3.36E+01	-2.52E+00	0
2022-08-26T23:40:48.440Z	3.17E-03	3.36E+01	-2.75E+00	0
2022-08-26T23:41:42.414Z	2.62E-03	3.37E+01	-3.12E+00	0
2022-08-26T23:42:36.388Z	1.76E-03	3.37E+01	-2.46E+00	0
2022-08-26T23:43:30.362Z	1.32E-03	3.37E+01	-3.00E+00	0
2022-08-26T23:44:24.336Z	3.46E-03	3.37E+01	-2.58E+00	0
2022-08-26T23:45:18.310Z	2.40E-03	3.37E+01	-2.65E+00	0
2022-08-26T23:46:12.284Z	1.58E-03	3.38E+01	-2.12E+00	0
2022-08-26T23:47:06.258Z	1.35E-03	3.38E+01	-3.12E+00	0
2022-08-26T23:48:00.232Z	6.48E-04	3.38E+01	-2.42E+00	0
2022-08-26T23:48:54.206Z	1.47E-03	3.38E+01	-2.62E+00	0
2022-08-26T23:49:48.180Z	1.58E-03	3.38E+01	-2.60E+00	0
2022-08-26T23:50:42.154Z	1.96E-03	3.38E+01	-2.92E+00	0
2022-08-26T23:51:36.128Z	1.61E-03	3.39E+01	-3.22E+00	0
2022-08-26T23:52:30.102Z	1.73E-03	3.39E+01	-2.45E+00	0
2022-08-26T23:53:24.076Z	1.90E-03	3.39E+01	-2.98E+00	0
2022-08-26T23:54:18.050Z	3.94E-03	3.39E+01	-3.25E+00	0
2022-08-26T23:55:12.024Z	4.49E-03	3.39E+01	-2.78E+00	0
2022-08-26T23:56:05.998Z	4.69E-03	3.39E+01	-1.94E+00	0
2022-08-26T23:56:59.972Z	3.14E-03	3.39E+01	-3.23E+00	0
2022-08-26T23:57:53.946Z	2.94E-03	3.39E+01	-2.36E+00	0
2022-08-26T23:58:47.920Z	3.84E-03	3.39E+01	-3.28E+00	0
2022-08-26T23:59:41.894Z	3.43E-03	3.39E+01	-3.14E+00	0
2022-08-27T00:00:35.868Z	2.10E-03	3.39E+01	-2.84E+00	0
2022-08-27T00:01:29.842Z	1.75E-03	3.39E+01	-2.75E+00	0

2022-08-27T00:02:23.816Z	1.73E-03	3.39E+01	-2.82E+00	0
2022-08-27T00:03:17.790Z	1.51E-03	3.39E+01	-2.45E+00	0
2022-08-27T00:04:11.764Z	1.99E-03	3.39E+01	-2.24E+00	0
2022-08-27T00:05:05.738Z	1.84E-03	3.39E+01	-2.12E+00	0
2022-08-27T00:05:59.712Z	2.21E-03	3.39E+01	-2.68E+00	0
2022-08-27T00:06:53.686Z	3.17E-03	3.38E+01	-2.54E+00	0
2022-08-27T00:07:47.660Z	3.43E-03	3.39E+01	-2.67E+00	0
2022-08-27T00:08:41.634Z	1.87E-03	3.38E+01	-2.32E+00	0
2022-08-27T00:09:35.608Z	2.62E-03	3.38E+01	-2.40E+00	0
2022-08-27T00:10:29.582Z	1.37E-03	3.38E+01	-2.47E+00	0
2022-08-27T00:11:23.556Z	1.90E-03	3.38E+01	-3.10E+00	0
2022-08-27T00:12:17.530Z	1.22E-03	3.38E+01	-2.30E+00	0
2022-08-27T00:13:11.504Z	9.79E-04	3.38E+01	-2.86E+00	0
2022-08-27T00:14:05.478Z	2.36E-03	3.38E+01	-3.04E+00	0
2022-08-27T00:14:59.452Z	3.10E-03	3.38E+01	-2.60E+00	0
2022-08-27T00:15:53.426Z	4.78E-03	3.37E+01	-2.38E+00	0
2022-08-27T00:16:47.400Z	3.31E-03	3.38E+01	-2.35E+00	0
2022-08-27T00:17:41.374Z	3.74E-03	3.37E+01	-2.86E+00	0
2022-08-27T00:18:35.348Z	3.74E-03	3.37E+01	-2.56E+00	0
2022-08-27T00:19:29.322Z	4.94E-03	3.37E+01	-2.75E+00	0
2022-08-27T00:20:23.296Z	4.90E-03	3.37E+01	-3.16E+00	0
2022-08-27T00:21:17.270Z	3.34E-03	3.36E+01	-2.70E+00	0
2022-08-27T00:22:11.244Z	3.46E-03	3.36E+01	-3.08E+00	0
2022-08-27T00:23:05.218Z	2.45E-03	3.36E+01	-3.36E+00	0
2022-08-27T00:23:59.192Z	2.06E-03	3.36E+01	-2.90E+00	0
2022-08-27T00:24:53.166Z	2.53E-03	3.36E+01	-3.00E+00	0
2022-08-27T00:25:47.140Z	2.33E-03	3.35E+01	-2.75E+00	0
2022-08-27T00:26:41.114Z	2.28E-03	3.35E+01	-2.70E+00	0
2022-08-27T00:27:35.088Z	1.04E-03	3.35E+01	-2.58E+00	0
2022-08-27T00:28:29.062Z	1.82E-03	3.35E+01	-3.12E+00	0
2022-08-27T00:29:23.036Z	2.51E-03	3.34E+01	-2.90E+00	0
2022-08-27T00:30:17.010Z	2.62E-03	3.34E+01	-2.30E+00	0
2022-08-27T00:31:10.984Z	2.48E-03	3.34E+01	-2.66E+00	0
2022-08-27T00:32:04.958Z	2.36E-03	3.34E+01	-3.00E+00	0
2022-08-27T00:32:58.932Z	2.30E-03	3.33E+01	-3.02E+00	0
2022-08-27T00:33:52.906Z	2.19E-03	3.33E+01	-1.62E+00	0
2022-08-27T00:34:46.880Z	1.58E-03	3.33E+01	-2.98E+00	0
2022-08-27T00:35:40.854Z	1.56E-03	3.33E+01	-2.25E+00	0
2022-08-27T00:36:34.828Z	2.42E-03	3.32E+01	-2.32E+00	0
2022-08-27T00:37:28.802Z	2.76E-03	3.32E+01	-2.92E+00	0
2022-08-27T00:38:22.776Z	1.81E-03	3.32E+01	-3.00E+00	0
2022-08-27T00:39:16.750Z	2.16E-03	3.31E+01	-2.40E+00	0
2022-08-27T00:40:10.724Z	3.51E-03	3.31E+01	-2.58E+00	0
2022-08-27T00:41:04.698Z	2.22E-03	3.31E+01	-2.94E+00	0
2022-08-27T00:41:58.672Z	1.70E-03	3.30E+01	-2.75E+00	0
2022-08-27T00:42:52.646Z	2.30E-03	3.30E+01	-2.20E+00	0
2022-08-27T00:43:46.620Z	2.69E-03	3.30E+01	-2.55E+00	0
2022-08-27T00:44:40.594Z	3.11E-03	3.29E+01	-3.20E+00	0
2022-08-27T00:45:34.568Z	3.05E-03	3.29E+01	-2.78E+00	0
2022-08-27T00:46:28.542Z	4.32E-03	3.28E+01	-2.47E+00	0
2022-08-27T00:47:22.516Z	3.34E-03	3.28E+01	-2.20E+00	0
2022-08-27T00:48:16.490Z	2.98E-03	3.28E+01	-2.30E+00	0
2022-08-27T00:49:10.464Z	3.40E-03	3.27E+01	-2.56E+00	0

2022-08-27T00:50:04.438Z	3.74E-03	3.27E+01	-2.46E+00	0
2022-08-27T00:50:58.412Z	2.38E-03	3.27E+01	-3.35E+00	0
2022-08-27T00:51:52.386Z	3.11E-03	3.26E+01	-2.64E+00	0
2022-08-27T00:52:46.360Z	2.41E-03	3.26E+01	-2.48E+00	0
2022-08-27T00:53:40.334Z	1.30E-03	3.25E+01	-2.65E+00	0
2022-08-27T00:54:34.308Z	8.93E-04	3.25E+01	-2.90E+00	0
2022-08-27T00:55:28.282Z	9.00E-04	3.25E+01	-2.42E+00	0
2022-08-27T00:56:22.256Z	1.25E-03	3.24E+01	-2.90E+00	0
2022-08-27T00:57:16.230Z	6.62E-04	3.24E+01	-2.38E+00	0
2022-08-27T00:58:10.204Z	9.79E-04	3.23E+01	-2.50E+00	0
2022-08-27T00:59:04.178Z	1.12E-03	3.22E+01	-2.92E+00	0
2022-08-27T00:59:58.152Z	4.80E-04	3.22E+01	-2.38E+00	0
2022-08-27T01:00:52.126Z	8.35E-04	3.21E+01	-3.08E+00	0
2022-08-27T01:01:46.100Z	7.68E-04	3.20E+01	-2.65E+00	0
2022-08-27T01:02:40.074Z	6.34E-04	3.20E+01	-2.80E+00	0
2022-08-27T01:03:34.048Z	6.05E-04	3.19E+01	-2.68E+00	0
2022-08-27T01:04:28.022Z	6.48E-04	3.18E+01	-2.43E+00	0
2022-08-27T01:05:21.996Z	7.78E-04	3.18E+01	-3.18E+00	0
2022-08-27T01:06:15.970Z	9.50E-04	3.17E+01	-1.98E+00	0
2022-08-27T01:07:09.944Z	9.60E-04	3.16E+01	-2.32E+00	0
2022-08-27T01:08:03.918Z	1.12E-03	3.15E+01	-3.00E+00	0
2022-08-27T01:08:57.892Z	1.10E-03	3.15E+01	-2.60E+00	0
2022-08-27T01:09:51.866Z	8.93E-04	3.14E+01	-3.20E+00	0
2022-08-27T01:10:45.840Z	7.49E-04	3.13E+01	-2.58E+00	0
2022-08-27T01:11:39.814Z	7.68E-04	3.13E+01	-2.47E+00	0
2022-08-27T01:12:33.788Z	6.05E-04	3.12E+01	-2.54E+00	0
2022-08-27T01:13:27.762Z	9.36E-04	3.11E+01	-2.98E+00	0
2022-08-27T01:14:21.736Z	6.62E-04	3.10E+01	-2.46E+00	0
2022-08-27T01:15:15.710Z	7.78E-04	3.10E+01	-2.60E+00	0
2022-08-27T01:16:09.684Z	5.52E-04	3.09E+01	-2.70E+00	0
2022-08-27T01:17:03.658Z	5.47E-04	3.08E+01	-2.68E+00	0
2022-08-27T01:17:57.632Z	6.96E-04	3.07E+01	-1.90E+00	0
2022-08-27T01:18:51.606Z	5.18E-04	3.07E+01	-2.76E+00	0
2022-08-27T01:19:45.580Z	4.61E-04	3.06E+01	-2.74E+00	0
2022-08-27T01:20:39.554Z	3.84E-04	3.05E+01	-2.72E+00	0
2022-08-27T01:21:33.528Z	5.76E-04	3.05E+01	-2.34E+00	0
2022-08-27T01:22:27.502Z	5.76E-04	3.04E+01	-3.02E+00	0
2022-08-27T01:23:21.476Z	6.91E-04	3.03E+01	-2.72E+00	0
2022-08-27T01:24:15.450Z	8.06E-04	3.02E+01	-2.34E+00	0
2022-08-27T01:25:09.424Z	6.72E-04	3.02E+01	-2.65E+00	0
2022-08-27T01:26:03.398Z	4.61E-04	3.01E+01	-2.36E+00	0
2022-08-27T01:26:57.372Z	6.00E-04	3.00E+01	-2.90E+00	0
2022-08-27T01:27:51.346Z	4.61E-04	2.99E+01	-2.46E+00	0
2022-08-27T01:28:45.320Z	2.88E-04	2.99E+01	-2.90E+00	0
2022-08-27T01:29:39.294Z	2.88E-04	2.98E+01	-2.42E+00	0
2022-08-27T01:30:33.268Z	3.17E-04	2.97E+01	-2.74E+00	0
2022-08-27T01:31:27.242Z	4.80E-04	2.96E+01	-2.73E+00	0
2022-08-27T01:32:21.216Z	5.18E-04	2.96E+01	-2.82E+00	0
2022-08-27T01:33:15.190Z	9.79E-04	2.95E+01	-2.92E+00	0
2022-08-27T01:34:09.164Z	1.13E-03	2.94E+01	-2.42E+00	0
2022-08-27T01:35:03.138Z	1.04E-03	2.93E+01	-2.82E+00	0
2022-08-27T01:35:57.112Z	9.12E-04	2.93E+01	-1.97E+00	0
2022-08-27T01:36:51.086Z	1.15E-03	2.92E+01	-1.84E+00	0

2022-08-27T01:37:45.060Z	1.47E-03	2.91E+01	-2.78E+00	0
2022-08-27T01:38:39.034Z	1.13E-03	2.91E+01	-2.45E+00	0
2022-08-27T01:39:33.008Z	1.32E-03	2.90E+01	-1.38E+00	0
2022-08-27T01:40:26.982Z	1.49E-03	2.89E+01	-2.55E+00	0
2022-08-27T01:41:20.956Z	1.30E-03	2.89E+01	-2.48E+00	0
2022-08-27T01:42:14.930Z	1.32E-03	2.88E+01	-2.44E+00	0
2022-08-27T01:43:08.904Z	1.27E-03	2.87E+01	-2.38E+00	0
2022-08-27T01:44:02.878Z	1.44E-03	2.87E+01	-2.34E+00	0
2022-08-27T01:44:56.852Z	1.46E-03	2.86E+01	-2.65E+00	0
2022-08-27T01:45:50.826Z	1.07E-03	2.86E+01	-2.20E+00	0
2022-08-27T01:46:44.800Z	1.12E-03	2.85E+01	-2.54E+00	0
2022-08-27T01:47:38.774Z	1.20E-03	2.84E+01	-2.12E+00	0
2022-08-27T01:48:32.748Z	1.07E-03	2.84E+01	-1.86E+00	0
2022-08-27T01:49:26.722Z	1.37E-03	2.83E+01	-2.85E+00	0
2022-08-27T01:50:20.696Z	1.18E-03	2.83E+01	-2.34E+00	0
2022-08-27T01:51:14.670Z	1.38E-03	2.82E+01	-3.06E+00	0
2022-08-27T01:52:08.644Z	1.22E-03	2.82E+01	-2.33E+00	0
2022-08-27T01:53:02.618Z	1.24E-03	2.81E+01	-2.24E+00	0
2022-08-27T01:53:56.592Z	1.82E-03	2.80E+01	-2.25E+00	0
2022-08-27T01:54:50.566Z	1.47E-03	2.80E+01	-2.64E+00	0
2022-08-27T01:55:44.540Z	1.70E-03	2.79E+01	-2.68E+00	0
2022-08-27T01:56:38.514Z	1.63E-03	2.79E+01	-2.48E+00	0
2022-08-27T01:57:32.488Z	1.24E-03	2.79E+01	-2.58E+00	0
2022-08-27T01:58:26.462Z	1.32E-03	2.78E+01	-2.35E+00	0
2022-08-27T01:59:20.436Z	8.64E-04	2.78E+01	-2.04E+00	0
2022-08-27T02:00:14.410Z	1.32E-03	2.77E+01	-2.54E+00	0
2022-08-27T02:01:08.384Z	1.46E-03	2.77E+01	-2.60E+00	0
2022-08-27T02:02:02.358Z	1.27E-03	2.76E+01	-2.12E+00	0
2022-08-27T02:02:56.332Z	1.90E-03	2.76E+01	-2.47E+00	0
2022-08-27T02:03:50.306Z	1.35E-03	2.75E+01	-2.80E+00	0
2022-08-27T02:04:44.280Z	2.02E-03	2.75E+01	-2.72E+00	0
2022-08-27T02:05:38.254Z	1.22E-03	2.74E+01	-2.72E+00	0
2022-08-27T02:06:32.228Z	1.76E-03	2.74E+01	-2.16E+00	0
2022-08-27T02:07:26.202Z	1.68E-03	2.74E+01	-1.75E+00	0
2022-08-27T02:08:20.176Z	1.35E-03	2.73E+01	-2.50E+00	0
2022-08-27T02:09:14.150Z	1.44E-03	2.73E+01	-2.30E+00	0
2022-08-27T02:10:08.124Z	1.61E-03	2.72E+01	-2.40E+00	0
2022-08-27T02:11:02.098Z	1.56E-03	2.72E+01	-2.46E+00	0
2022-08-27T02:11:56.072Z	1.32E-03	2.71E+01	-2.30E+00	0
2022-08-27T02:12:50.046Z	1.27E-03	2.71E+01	-2.62E+00	0
2022-08-27T02:13:44.020Z	1.50E-03	2.71E+01	-2.12E+00	0
2022-08-27T02:14:37.994Z	1.51E-03	2.70E+01	-1.97E+00	0
2022-08-27T02:15:31.968Z	1.76E-03	2.70E+01	-2.22E+00	0
2022-08-27T02:16:25.942Z	1.30E-03	2.69E+01	-2.58E+00	0
2022-08-27T02:17:19.916Z	1.22E-03	2.69E+01	-2.13E+00	0
2022-08-27T02:18:13.890Z	1.09E-03	2.69E+01	-2.02E+00	0
2022-08-27T02:19:07.864Z	1.25E-03	2.68E+01	-2.25E+00	0
2022-08-27T02:20:01.838Z	1.32E-03	2.68E+01	-2.18E+00	0
2022-08-27T02:20:55.812Z	1.07E-03	2.67E+01	-2.10E+00	0
2022-08-27T02:21:49.786Z	1.37E-03	2.67E+01	-2.30E+00	0
2022-08-27T02:22:43.760Z	1.61E-03	2.66E+01	-1.66E+00	0
2022-08-27T02:23:37.734Z	1.37E-03	2.66E+01	-1.70E+00	0
2022-08-27T02:24:31.708Z	1.15E-03	2.66E+01	-1.88E+00	0

2022-08-27T02:25:25.682Z	1.53E-03	2.65E+01	-2.40E+00	0
2022-08-27T02:26:19.656Z	1.58E-03	2.65E+01	-2.10E+00	0
2022-08-27T02:27:13.630Z	1.47E-03	2.65E+01	-2.38E+00	0
2022-08-27T02:28:07.604Z	1.22E-03	2.64E+01	-1.90E+00	0
2022-08-27T02:29:01.578Z	1.24E-03	2.64E+01	-2.30E+00	0
2022-08-27T02:29:55.552Z	1.84E-03	2.64E+01	-1.58E+00	0
2022-08-27T02:30:49.526Z	2.11E-03	2.63E+01	-1.85E+00	0
2022-08-27T02:31:43.500Z	1.50E-03	2.63E+01	-2.16E+00	0
2022-08-27T02:32:37.474Z	1.38E-03	2.63E+01	-2.02E+00	0
2022-08-27T02:33:31.448Z	1.87E-03	2.62E+01	-2.25E+00	0
2022-08-27T02:34:25.422Z	1.50E-03	2.62E+01	-2.38E+00	0
2022-08-27T02:35:19.396Z	1.44E-03	2.62E+01	-1.92E+00	0
2022-08-27T02:36:13.370Z	1.84E-03	2.62E+01	-2.63E+00	0
2022-08-27T02:37:07.344Z	1.90E-03	2.61E+01	-2.10E+00	0
2022-08-27T02:38:01.318Z	1.53E-03	2.61E+01	-2.04E+00	0
2022-08-27T02:38:55.292Z	1.79E-03	2.60E+01	-2.20E+00	0
2022-08-27T02:39:49.266Z	1.56E-03	2.60E+01	-2.20E+00	0
2022-08-27T02:40:43.240Z	1.76E-03	2.60E+01	-2.14E+00	0
2022-08-27T02:41:37.214Z	1.46E-03	2.60E+01	-2.45E+00	0
2022-08-27T02:42:31.188Z	1.79E-03	2.59E+01	-1.76E+00	0
2022-08-27T02:43:25.162Z	1.73E-03	2.59E+01	-2.48E+00	0
2022-08-27T02:44:19.136Z	1.61E-03	2.59E+01	-2.28E+00	0
2022-08-27T02:45:13.110Z	1.24E-03	2.59E+01	-2.08E+00	0
2022-08-27T02:46:07.084Z	1.25E-03	2.58E+01	-2.25E+00	0
2022-08-27T02:47:01.058Z	1.18E-03	2.58E+01	-1.60E+00	0
2022-08-27T02:47:55.032Z	1.04E-03	2.58E+01	-1.48E+00	0
2022-08-27T02:48:49.006Z	1.06E-03	2.58E+01	-2.10E+00	0
2022-08-27T02:49:42.980Z	8.06E-04	2.57E+01	-2.00E+00	0
2022-08-27T02:50:36.954Z	8.64E-04	2.57E+01	-2.00E+00	0
2022-08-27T02:51:30.928Z	1.04E-03	2.57E+01	-2.16E+00	0
2022-08-27T02:52:24.902Z	1.09E-03	2.57E+01	-2.52E+00	0
2022-08-27T02:53:18.876Z	1.06E-03	2.56E+01	-1.95E+00	0
2022-08-27T02:54:12.850Z	9.22E-04	2.56E+01	-1.92E+00	0
2022-08-27T02:55:06.824Z	1.15E-03	2.56E+01	-2.15E+00	0
2022-08-27T02:56:00.798Z	1.09E-03	2.56E+01	-2.24E+00	0
2022-08-27T02:56:54.772Z	8.06E-04	2.55E+01	-1.76E+00	0
2022-08-27T02:57:48.746Z	6.24E-04	2.55E+01	-2.15E+00	0
2022-08-27T02:58:42.720Z	6.62E-04	2.55E+01	-2.04E+00	0
2022-08-27T02:59:36.694Z	6.96E-04	2.55E+01	-2.05E+00	0
2022-08-27T03:00:30.668Z	4.32E-04	2.54E+01	-2.32E+00	0
2022-08-27T03:01:24.642Z	6.91E-04	2.54E+01	-1.78E+00	0
2022-08-27T03:02:18.616Z	4.56E-04	2.54E+01	-1.80E+00	0
2022-08-27T03:03:12.590Z	4.90E-04	2.54E+01	-2.38E+00	0
2022-08-27T03:04:06.564Z	6.48E-04	2.54E+01	-2.33E+00	0
2022-08-27T03:05:00.538Z	6.62E-04	2.53E+01	-1.86E+00	0
2022-08-27T03:05:54.512Z	8.06E-04	2.53E+01	-2.52E+00	0
2022-08-27T03:06:48.486Z	9.84E-04	2.53E+01	-1.65E+00	0
2022-08-27T03:07:42.460Z	7.20E-04	2.53E+01	-2.52E+00	0
2022-08-27T03:08:36.434Z	5.28E-04	2.52E+01	-1.40E+00	0
2022-08-27T03:09:30.408Z	9.22E-04	2.52E+01	-1.92E+00	0
2022-08-27T03:10:24.382Z	9.50E-04	2.52E+01	-1.92E+00	0
2022-08-27T03:11:18.356Z	1.06E-03	2.52E+01	-1.95E+00	0
2022-08-27T03:12:12.330Z	1.12E-03	2.52E+01	-1.70E+00	0

2022-08-27T03:13:06.304Z	1.49E-03	2.51E+01	-2.25E+00	0
2022-08-27T03:14:00.278Z	9.79E-04	2.51E+01	-1.94E+00	0
2022-08-27T03:14:54.252Z	1.41E-03	2.51E+01	-2.18E+00	0
2022-08-27T03:15:48.226Z	1.66E-03	2.51E+01	-1.80E+00	0
2022-08-27T03:16:42.200Z	1.15E-03	2.50E+01	-2.00E+00	0
2022-08-27T03:17:36.174Z	1.32E-03	2.50E+01	-1.70E+00	0
2022-08-27T03:18:30.148Z	1.41E-03	2.50E+01	-1.86E+00	0
2022-08-27T03:19:24.122Z	9.79E-04	2.50E+01	-1.84E+00	0
2022-08-27T03:20:18.096Z	9.36E-04	2.50E+01	-2.40E+00	0
2022-08-27T03:21:12.070Z	9.79E-04	2.50E+01	-1.54E+00	0
2022-08-27T03:22:06.044Z	9.12E-04	2.50E+01	-2.20E+00	0
2022-08-27T03:23:00.018Z	8.06E-04	2.49E+01	-1.90E+00	0
2022-08-27T03:23:53.992Z	6.05E-04	2.49E+01	-2.20E+00	0
2022-08-27T03:24:47.966Z	5.28E-04	2.49E+01	-2.13E+00	0
2022-08-27T03:25:41.940Z	3.46E-04	2.49E+01	-1.50E+00	0
2022-08-27T03:26:35.914Z	4.32E-04	2.49E+01	-1.94E+00	0
2022-08-27T03:27:29.888Z	4.56E-04	2.49E+01	-1.85E+00	0
2022-08-27T03:28:23.862Z	6.91E-04	2.48E+01	-2.10E+00	0
2022-08-27T03:29:17.836Z	6.72E-04	2.48E+01	-1.40E+00	0
2022-08-27T03:30:11.810Z	5.18E-04	2.48E+01	-1.86E+00	0
2022-08-27T03:31:05.784Z	6.72E-04	2.48E+01	-2.15E+00	0
2022-08-27T03:31:59.758Z	8.06E-04	2.48E+01	-2.04E+00	0
2022-08-27T03:32:53.732Z	6.34E-04	2.47E+01	-2.00E+00	0
2022-08-27T03:33:47.706Z	3.60E-04	2.47E+01	-2.55E+00	0
2022-08-27T03:34:41.680Z	7.49E-04	2.47E+01	-2.30E+00	0
2022-08-27T03:35:35.654Z	6.48E-04	2.47E+01	-1.90E+00	0
2022-08-27T03:36:29.628Z	4.90E-04	2.47E+01	-1.58E+00	0
2022-08-27T03:37:23.602Z	4.61E-04	2.46E+01	-1.64E+00	0
2022-08-27T03:38:17.576Z	9.60E-05	2.46E+01	-1.30E+00	0
2022-08-27T03:39:11.550Z	2.02E-04	2.46E+01	-1.92E+00	0
2022-08-27T03:40:05.524Z	1.68E-04	2.46E+01	-1.62E+00	0
2022-08-27T03:40:59.498Z	5.76E-04	2.46E+01	-2.20E+00	0
2022-08-27T03:41:53.472Z	7.78E-04	2.46E+01	-1.60E+00	0
2022-08-27T03:42:47.446Z	5.76E-04	2.46E+01	-1.65E+00	0
2022-08-27T03:43:41.420Z	5.76E-05	2.45E+01	-1.72E+00	0
2022-08-27T03:44:35.394Z	1.38E-03	2.45E+01	-9.40E-01	0
2022-08-27T03:45:29.368Z	1.22E-03	2.44E+01	-1.47E+00	0
2022-08-27T03:46:23.342Z	1.32E-03	2.44E+01	-1.80E+00	0
2022-08-27T03:47:17.316Z	8.88E-04	2.44E+01	-2.25E+00	0
2022-08-27T03:48:11.290Z	9.50E-04	2.44E+01	-1.14E+00	0
2022-08-27T03:49:05.264Z	8.64E-04	2.43E+01	-1.85E+00	0
2022-08-27T03:49:59.238Z	9.79E-04	2.43E+01	-1.86E+00	0
2022-08-27T03:50:53.212Z	7.78E-04	2.43E+01	-1.54E+00	0
2022-08-27T03:51:47.186Z	1.10E-03	2.43E+01	-2.05E+00	0
2022-08-27T03:52:41.160Z	1.27E-03	2.42E+01	-1.76E+00	0
2022-08-27T03:53:35.134Z	5.76E-04	2.42E+01	-9.00E-01	0
2022-08-27T03:54:29.108Z	8.06E-04	2.42E+01	-1.64E+00	0
2022-08-27T03:55:23.082Z	4.32E-04	2.42E+01	-2.24E+00	0
2022-08-27T03:56:17.056Z	5.28E-04	2.42E+01	-1.92E+00	0
2022-08-27T03:57:11.030Z	2.30E-04	2.41E+01	-1.18E+00	0
2022-08-27T03:58:05.004Z	1.44E-04	2.41E+01	-1.60E+00	0
2022-08-27T03:58:58.978Z	5.04E-04	2.41E+01	-1.65E+00	0
2022-08-27T03:59:52.952Z	5.76E-04	2.41E+01	-1.54E+00	0

2022-08-27T04:00:46.926Z	4.80E-04	2.41E+01	-2.30E+00	0
2022-08-27T04:01:40.900Z	9.22E-04	2.40E+01	-2.08E+00	0
2022-08-27T04:02:34.874Z	1.07E-03	2.40E+01	-1.78E+00	0
2022-08-27T04:03:28.848Z	1.49E-03	2.40E+01	-1.82E+00	0
2022-08-27T04:04:22.822Z	1.07E-03	2.39E+01	-1.50E+00	0
2022-08-27T04:05:16.796Z	1.15E-03	2.39E+01	-1.50E+00	0
2022-08-27T04:06:10.770Z	1.58E-03	2.39E+01	-1.62E+00	0
2022-08-27T04:07:04.744Z	8.64E-04	2.39E+01	-1.44E+00	0
2022-08-27T04:07:58.718Z	8.88E-04	2.39E+01	-2.30E+00	0
2022-08-27T04:08:52.692Z	8.93E-04	2.39E+01	-2.34E+00	0
2022-08-27T04:09:46.666Z	1.39E-03	2.38E+01	-1.57E+00	0
2022-08-27T04:10:40.640Z	1.70E-03	2.38E+01	-1.88E+00	0
2022-08-27T04:11:34.614Z	1.18E-03	2.38E+01	-2.12E+00	0
2022-08-27T04:12:28.588Z	1.06E-03	2.38E+01	-1.80E+00	0
2022-08-27T04:13:22.562Z	1.24E-03	2.38E+01	-2.00E+00	0
2022-08-27T04:14:16.536Z	1.32E-03	2.38E+01	-1.70E+00	0
2022-08-27T04:15:10.510Z	1.99E-03	2.37E+01	-1.88E+00	0
2022-08-27T04:16:04.484Z	1.73E-03	2.37E+01	-1.70E+00	0
2022-08-27T04:16:58.458Z	9.36E-04	2.37E+01	-1.50E+00	0
2022-08-27T04:17:52.432Z	1.07E-03	2.37E+01	-1.88E+00	0
2022-08-27T04:18:46.406Z	1.22E-03	2.37E+01	-1.58E+00	0
2022-08-27T04:19:40.380Z	1.21E-03	2.37E+01	-1.54E+00	0
2022-08-27T04:20:34.354Z	9.50E-04	2.37E+01	-1.96E+00	0
2022-08-27T04:21:28.328Z	1.30E-03	2.36E+01	-1.65E+00	0
2022-08-27T04:22:22.302Z	1.56E-03	2.37E+01	-1.96E+00	0
2022-08-27T04:23:16.276Z	1.81E-03	2.36E+01	-2.08E+00	0
2022-08-27T04:24:10.250Z	1.96E-03	2.36E+01	-2.14E+00	0
2022-08-27T04:25:04.224Z	1.41E-03	2.36E+01	-1.72E+00	0
2022-08-27T04:25:58.198Z	1.42E-03	2.36E+01	-2.25E+00	0
2022-08-27T04:26:52.172Z	2.07E-03	2.36E+01	-1.84E+00	0
2022-08-27T04:27:46.146Z	2.71E-03	2.36E+01	-1.60E+00	0
2022-08-27T04:28:40.120Z	1.58E-03	2.36E+01	-1.60E+00	0
2022-08-27T04:29:34.094Z	1.53E-03	2.36E+01	-1.96E+00	0
2022-08-27T04:30:28.068Z	1.66E-03	2.36E+01	-1.62E+00	0
2022-08-27T04:31:22.042Z	1.64E-03	2.36E+01	-1.92E+00	0
2022-08-27T04:32:16.016Z	1.82E-03	2.36E+01	-1.58E+00	0
2022-08-27T04:33:09.990Z	1.73E-03	2.36E+01	-2.48E+00	0
2022-08-27T04:34:03.964Z	2.25E-03	2.35E+01	-1.24E+00	0
2022-08-27T04:34:57.938Z	1.80E-03	2.36E+01	-2.50E+00	0
2022-08-27T04:35:51.912Z	1.76E-03	2.35E+01	-1.32E+00	0
2022-08-27T04:36:45.886Z	1.82E-03	2.35E+01	-1.50E+00	0
2022-08-27T04:37:39.860Z	1.32E-03	2.36E+01	-1.50E+00	0
2022-08-27T04:38:33.834Z	2.19E-03	2.35E+01	-1.56E+00	0
2022-08-27T04:39:27.808Z	1.70E-03	2.35E+01	-1.55E+00	0
2022-08-27T04:40:21.782Z	2.33E-03	2.35E+01	-1.14E+00	0
2022-08-27T04:41:15.756Z	1.75E-03	2.35E+01	-1.75E+00	0
2022-08-27T04:42:09.730Z	1.41E-03	2.35E+01	-1.50E+00	0
2022-08-27T04:43:03.704Z	1.24E-03	2.35E+01	-1.50E+00	0
2022-08-27T04:43:57.678Z	1.30E-03	2.35E+01	-2.00E+00	0
2022-08-27T04:44:51.652Z	1.27E-03	2.35E+01	-1.26E+00	0
2022-08-27T04:45:45.626Z	1.61E-03	2.35E+01	-1.45E+00	0
2022-08-27T04:46:39.600Z	1.41E-03	2.35E+01	-1.80E+00	0
2022-08-27T04:47:33.574Z	1.96E-03	2.34E+01	-1.50E+00	0

2022-08-27T04:48:27.548Z	2.30E-03	2.34E+01	-2.00E+00	0
2022-08-27T04:49:21.522Z	2.13E-03	2.34E+01	-1.86E+00	0
2022-08-27T04:50:15.496Z	2.74E-03	2.34E+01	-2.07E+00	0
2022-08-27T04:51:09.470Z	1.87E-03	2.34E+01	-1.84E+00	0
2022-08-27T04:52:03.444Z	2.53E-03	2.34E+01	-1.72E+00	0
2022-08-27T04:52:57.418Z	2.74E-03	2.34E+01	-1.18E+00	0
2022-08-27T04:53:51.392Z	1.41E-03	2.34E+01	-1.70E+00	0
2022-08-27T04:54:45.366Z	1.46E-03	2.34E+01	-1.15E+00	0
2022-08-27T04:55:39.340Z	1.70E-03	2.34E+01	-1.46E+00	0
2022-08-27T04:56:33.314Z	2.10E-03	2.34E+01	-1.16E+00	0
2022-08-27T04:57:27.288Z	2.09E-03	2.34E+01	-1.50E+00	0
2022-08-27T04:58:21.262Z	1.76E-03	2.34E+01	-1.58E+00	0
2022-08-27T04:59:15.236Z	2.47E-03	2.33E+01	-1.80E+00	0
2022-08-27T05:00:09.210Z	1.44E-03	2.33E+01	-1.40E+00	0
2022-08-27T05:01:03.184Z	2.07E-03	2.33E+01	-2.12E+00	0
2022-08-27T05:01:57.158Z	2.02E-03	2.33E+01	-1.70E+00	0
2022-08-27T05:02:51.132Z	2.56E-03	2.33E+01	-1.82E+00	0
2022-08-27T05:03:45.106Z	2.14E-03	2.33E+01	-1.35E+00	0
2022-08-27T05:04:39.080Z	2.07E-03	2.33E+01	-1.76E+00	0
2022-08-27T05:05:33.054Z	1.73E-03	2.33E+01	-1.28E+00	0
2022-08-27T05:06:27.028Z	1.32E-03	2.33E+01	-1.55E+00	0
2022-08-27T05:07:21.002Z	2.04E-03	2.33E+01	-1.90E+00	0
2022-08-27T05:08:14.976Z	2.88E-03	2.33E+01	-1.96E+00	0
2022-08-27T05:09:08.950Z	1.99E-03	2.33E+01	-1.55E+00	0
2022-08-27T05:10:02.924Z	2.04E-03	2.32E+01	-1.60E+00	0
2022-08-27T05:10:56.898Z	2.18E-03	2.32E+01	-2.15E+00	0
2022-08-27T05:11:50.872Z	2.36E-03	2.32E+01	-1.48E+00	0
2022-08-27T05:12:44.846Z	2.02E-03	2.32E+01	-1.12E+00	0
2022-08-27T05:13:38.820Z	2.23E-03	2.32E+01	-1.05E+00	0
2022-08-27T05:14:32.794Z	1.99E-03	2.32E+01	-1.60E+00	0
2022-08-27T05:15:26.768Z	1.56E-03	2.32E+01	-1.02E+00	0
2022-08-27T05:16:20.742Z	1.67E-03	2.32E+01	-1.60E+00	0
2022-08-27T05:17:14.716Z	1.79E-03	2.32E+01	-1.66E+00	0
2022-08-27T05:18:08.690Z	1.87E-03	2.32E+01	-1.40E+00	0
2022-08-27T05:19:02.664Z	1.70E-03	2.32E+01	-1.06E+00	0
2022-08-27T05:19:56.638Z	1.94E-03	2.32E+01	-1.60E+00	0
2022-08-27T05:20:50.612Z	1.81E-03	2.32E+01	-1.72E+00	0
2022-08-27T05:21:44.586Z	1.35E-03	2.32E+01	-1.84E+00	0
2022-08-27T05:22:38.560Z	1.44E-03	2.32E+01	-1.70E+00	0
2022-08-27T05:23:32.534Z	1.44E-03	2.31E+01	-2.02E+00	0
2022-08-27T05:24:26.508Z	1.80E-03	2.31E+01	-1.90E+00	0
2022-08-27T05:25:20.482Z	1.04E-03	2.31E+01	-1.96E+00	0
2022-08-27T05:26:14.456Z	1.41E-03	2.31E+01	-1.94E+00	0
2022-08-27T05:27:08.430Z	1.20E-03	2.31E+01	-1.55E+00	0
2022-08-27T05:28:02.404Z	1.47E-03	2.31E+01	-1.60E+00	0
2022-08-27T05:28:56.378Z	1.54E-03	2.31E+01	-1.92E+00	0
2022-08-27T05:29:50.352Z	1.32E-03	2.31E+01	-2.22E+00	0
2022-08-27T05:30:44.326Z	1.18E-03	2.31E+01	-1.14E+00	0
2022-08-27T05:31:38.300Z	1.49E-03	2.31E+01	-1.50E+00	0
2022-08-27T05:32:32.274Z	1.21E-03	2.31E+01	-1.86E+00	0
2022-08-27T05:33:26.248Z	1.44E-03	2.31E+01	-1.45E+00	0
2022-08-27T05:34:20.222Z	1.27E-03	2.31E+01	-1.62E+00	0
2022-08-27T05:35:14.196Z	1.01E-03	2.31E+01	-1.74E+00	0

2022-08-27T05:36:08.170Z	1.32E-03	2.30E+01	-1.60E+00	0
2022-08-27T05:37:02.144Z	1.53E-03	2.30E+01	-7.80E-01	0
2022-08-27T05:37:56.118Z	1.49E-03	2.30E+01	-1.15E+00	0
2022-08-27T05:38:50.092Z	2.07E-03	2.30E+01	-1.44E+00	0
2022-08-27T05:39:44.066Z	1.84E-03	2.30E+01	-1.32E+00	0
2022-08-27T05:40:38.040Z	1.44E-03	2.30E+01	-1.32E+00	0
2022-08-27T05:41:32.014Z	1.62E-03	2.30E+01	-1.55E+00	0
2022-08-27T05:42:25.988Z	1.49E-03	2.30E+01	-2.28E+00	0
2022-08-27T05:43:19.962Z	1.48E-03	2.30E+01	-1.95E+00	0
2022-08-27T05:44:13.936Z	1.62E-03	2.30E+01	-1.40E+00	0
2022-08-27T05:45:07.910Z	1.82E-03	2.30E+01	-1.53E+00	0
2022-08-27T05:46:01.884Z	1.61E-03	2.30E+01	-1.68E+00	0
2022-08-27T05:46:55.858Z	1.73E-03	2.30E+01	-1.70E+00	0
2022-08-27T05:47:49.832Z	1.61E-03	2.30E+01	-1.52E+00	0
2022-08-27T05:48:43.806Z	1.47E-03	2.30E+01	-2.18E+00	0
2022-08-27T05:49:37.780Z	1.39E-03	2.30E+01	-1.80E+00	0
2022-08-27T05:50:31.754Z	1.64E-03	2.30E+01	-1.40E+00	0
2022-08-27T05:51:25.728Z	1.97E-03	2.29E+01	-1.55E+00	0
2022-08-27T05:52:19.702Z	2.62E-03	2.29E+01	-1.40E+00	0
2022-08-27T05:53:13.676Z	2.59E-03	2.29E+01	-1.70E+00	0
2022-08-27T05:54:07.650Z	1.97E-03	2.29E+01	-1.90E+00	0
2022-08-27T05:55:01.624Z	1.76E-03	2.29E+01	-1.64E+00	0
2022-08-27T05:55:55.598Z	2.54E-03	2.29E+01	-1.70E+00	0
2022-08-27T05:56:49.572Z	1.76E-03	2.29E+01	-1.52E+00	0
2022-08-27T05:57:43.546Z	1.97E-03	2.29E+01	-1.60E+00	0
2022-08-27T05:58:37.520Z	1.85E-03	2.29E+01	-1.50E+00	0
2022-08-27T05:59:31.494Z	1.58E-03	2.29E+01	-1.40E+00	0
2022-08-27T06:00:25.468Z	1.63E-03	2.29E+01	-1.53E+00	0
2022-08-27T06:01:19.442Z	2.28E-03	2.29E+01	-1.58E+00	0
2022-08-27T06:02:13.416Z	2.33E-03	2.29E+01	-1.64E+00	0
2022-08-27T06:03:07.390Z	1.46E-03	2.29E+01	-1.75E+00	0
2022-08-27T06:04:01.364Z	1.50E-03	2.29E+01	-1.52E+00	0
2022-08-27T06:04:55.338Z	1.42E-03	2.29E+01	-1.75E+00	0
2022-08-27T06:05:49.312Z	1.21E-03	2.29E+01	-1.34E+00	0
2022-08-27T06:06:43.286Z	1.38E-03	2.29E+01	-2.06E+00	0
2022-08-27T06:07:37.260Z	1.10E-03	2.29E+01	-1.40E+00	0
2022-08-27T06:08:31.234Z	9.79E-04	2.29E+01	-1.64E+00	0
2022-08-27T06:09:25.208Z	9.60E-04	2.29E+01	-1.35E+00	0
2022-08-27T06:10:19.182Z	1.15E-03	2.29E+01	-1.64E+00	0
2022-08-27T06:11:13.156Z	9.50E-04	2.29E+01	-1.46E+00	0
2022-08-27T06:12:07.130Z	1.10E-03	2.29E+01	-1.50E+00	0
2022-08-27T06:13:01.104Z	5.76E-04	2.29E+01	-1.82E+00	0
2022-08-27T06:13:55.078Z	8.64E-04	2.29E+01	-7.00E-01	0
2022-08-27T06:14:49.052Z	1.01E-03	2.29E+01	-1.82E+00	0
2022-08-27T06:15:43.026Z	9.50E-04	2.29E+01	-1.88E+00	0
2022-08-27T06:16:37.000Z	8.64E-04	2.29E+01	-9.00E-01	0
2022-08-27T06:17:30.974Z	9.79E-04	2.29E+01	-1.28E+00	0
2022-08-27T06:18:24.948Z	1.03E-03	2.29E+01	-9.00E-01	0
2022-08-27T06:19:18.922Z	7.20E-04	2.29E+01	-1.64E+00	0
2022-08-27T06:20:12.896Z	7.20E-04	2.29E+01	-1.04E+00	0
2022-08-27T06:21:06.870Z	1.01E-03	2.29E+01	-1.75E+00	0
2022-08-27T06:22:00.844Z	1.18E-03	2.29E+01	-1.70E+00	0
2022-08-27T06:22:54.818Z	1.27E-03	2.29E+01	-2.10E+00	0

2022-08-27T06:23:48.792Z	1.35E-03	2.29E+01	-1.58E+00	0
2022-08-27T06:24:42.766Z	1.53E-03	2.29E+01	-1.04E+00	0
2022-08-27T06:25:36.740Z	1.13E-03	2.29E+01	-1.60E+00	0
2022-08-27T06:26:30.714Z	1.21E-03	2.29E+01	-1.70E+00	0
2022-08-27T06:27:24.688Z	1.54E-03	2.29E+01	-1.30E+00	0
2022-08-27T06:28:18.662Z	1.35E-03	2.29E+01	-1.76E+00	0
2022-08-27T06:29:12.636Z	1.87E-03	2.29E+01	-1.16E+00	0
2022-08-27T06:30:06.610Z	1.85E-03	2.28E+01	-1.70E+00	0
2022-08-27T06:31:00.584Z	1.53E-03	2.29E+01	-2.12E+00	0
2022-08-27T06:31:54.558Z	1.82E-03	2.29E+01	-2.03E+00	0
2022-08-27T06:32:48.532Z	1.44E-03	2.29E+01	-1.40E+00	0
2022-08-27T06:33:42.506Z	1.38E-03	2.29E+01	-1.46E+00	0
2022-08-27T06:34:36.480Z	1.54E-03	2.29E+01	-1.75E+00	0
2022-08-27T06:35:30.454Z	1.38E-03	2.29E+01	-1.58E+00	0
2022-08-27T06:36:24.428Z	1.20E-03	2.29E+01	-1.35E+00	0
2022-08-27T06:37:18.402Z	9.79E-04	2.29E+01	-1.34E+00	0
2022-08-27T06:38:12.376Z	9.79E-04	2.29E+01	-1.58E+00	0
2022-08-27T06:39:06.350Z	1.54E-03	2.29E+01	-1.30E+00	0
2022-08-27T06:40:00.324Z	1.32E-03	2.29E+01	-1.88E+00	0
2022-08-27T06:40:54.298Z	1.22E-03	2.29E+01	-1.55E+00	0
2022-08-27T06:41:48.272Z	9.50E-04	2.29E+01	-1.16E+00	0
2022-08-27T06:42:42.246Z	1.12E-03	2.30E+01	-1.76E+00	0
2022-08-27T06:43:36.220Z	8.40E-04	2.30E+01	-1.30E+00	0
2022-08-27T06:44:30.194Z	1.09E-03	2.29E+01	-1.76E+00	0
2022-08-27T06:45:24.168Z	7.68E-04	2.30E+01	-1.55E+00	0
2022-08-27T06:46:18.142Z	1.12E-03	2.30E+01	-1.52E+00	0
2022-08-27T06:47:12.116Z	8.64E-04	2.30E+01	-1.28E+00	0
2022-08-27T06:48:06.090Z	9.60E-04	2.30E+01	-1.75E+00	0
2022-08-27T06:49:00.064Z	9.79E-04	2.30E+01	-1.82E+00	0
2022-08-27T06:49:54.038Z	9.12E-04	2.30E+01	-1.60E+00	0
2022-08-27T06:50:48.012Z	9.22E-04	2.30E+01	-1.40E+00	0
2022-08-27T06:51:41.986Z	9.79E-04	2.30E+01	-1.54E+00	0
2022-08-27T06:52:35.960Z	9.84E-04	2.30E+01	-1.47E+00	0
2022-08-27T06:53:29.934Z	8.35E-04	2.30E+01	-1.46E+00	0
2022-08-27T06:54:23.908Z	1.04E-03	2.30E+01	-1.72E+00	0
2022-08-27T06:55:17.882Z	8.64E-04	2.30E+01	-1.57E+00	0
2022-08-27T06:56:11.856Z	4.61E-04	2.31E+01	-1.64E+00	0
2022-08-27T06:57:05.830Z	1.44E-04	2.30E+01	-1.35E+00	0
2022-08-27T06:57:59.804Z	6.91E-04	2.30E+01	-1.64E+00	0
2022-08-27T06:58:53.778Z	-2.30E-04	2.30E+01	-1.80E+00	0
2022-08-27T06:59:47.752Z	1.06E-03	2.30E+01	-1.30E+00	0
2022-08-27T07:00:41.726Z	1.67E-03	2.30E+01	-1.28E+00	0
2022-08-27T07:01:35.700Z	9.84E-04	2.30E+01	-1.28E+00	0
2022-08-27T07:02:29.674Z	1.41E-03	2.30E+01	-1.76E+00	0
2022-08-27T07:03:23.648Z	1.27E-03	2.30E+01	-1.02E+00	0
2022-08-27T07:04:17.622Z	1.30E-03	2.30E+01	-1.90E+00	0
2022-08-27T07:05:11.596Z	1.21E-03	2.30E+01	-1.88E+00	0
2022-08-27T07:06:05.570Z	1.30E-03	2.30E+01	-1.45E+00	0
2022-08-27T07:06:59.544Z	1.12E-03	2.29E+01	-1.70E+00	0
2022-08-27T07:07:53.518Z	1.87E-03	2.29E+01	-1.34E+00	0
2022-08-27T07:08:47.492Z	1.90E-03	2.29E+01	-2.00E+00	0
2022-08-27T07:09:41.466Z	1.67E-03	2.29E+01	-1.76E+00	0
2022-08-27T07:10:35.440Z	1.37E-03	2.29E+01	-1.60E+00	0

2022-08-27T07:11:29.414Z	1.27E-03	2.29E+01	-1.46E+00	0
2022-08-27T07:12:23.388Z	1.87E-03	2.29E+01	-1.70E+00	0
2022-08-27T07:13:17.362Z	2.23E-03	2.29E+01	-1.65E+00	0
2022-08-27T07:14:11.336Z	1.90E-03	2.29E+01	-1.64E+00	0
2022-08-27T07:15:05.310Z	1.75E-03	2.29E+01	-2.30E+00	0
2022-08-27T07:15:59.284Z	2.68E-03	2.29E+01	-2.10E+00	0
2022-08-27T07:16:53.258Z	3.43E-03	2.29E+01	-1.16E+00	0
2022-08-27T07:17:47.232Z	1.49E-03	2.29E+01	-1.45E+00	0
2022-08-27T07:18:41.206Z	2.13E-03	2.29E+01	-1.32E+00	0
2022-08-27T07:19:35.180Z	2.86E-03	2.29E+01	-2.27E+00	0
2022-08-27T07:20:29.154Z	3.37E-03	2.28E+01	-2.08E+00	0
2022-08-27T07:21:23.128Z	2.16E-03	2.29E+01	-1.80E+00	0
2022-08-27T07:22:17.102Z	4.10E-03	2.28E+01	-2.32E+00	0
2022-08-27T07:23:11.076Z	2.30E-03	2.29E+01	-1.12E+00	0
2022-08-27T07:24:05.050Z	3.29E-03	2.29E+01	-1.48E+00	0
2022-08-27T07:24:59.024Z	2.65E-03	2.29E+01	-1.86E+00	0
2022-08-27T07:25:52.998Z	2.13E-03	2.29E+01	-2.22E+00	0
2022-08-27T07:26:46.972Z	2.09E-03	2.29E+01	-1.45E+00	0
2022-08-27T07:27:40.946Z	2.30E-03	2.29E+01	-2.00E+00	0
2022-08-27T07:28:34.920Z	2.40E-03	2.29E+01	-1.43E+00	0
2022-08-27T07:29:28.894Z	3.00E-03	2.29E+01	-1.48E+00	0
2022-08-27T07:30:22.868Z	2.53E-03	2.29E+01	-1.98E+00	0
2022-08-27T07:31:16.842Z	2.52E-03	2.29E+01	-1.53E+00	0
2022-08-27T07:32:10.816Z	2.39E-03	2.29E+01	-2.22E+00	0
2022-08-27T07:33:04.790Z	2.14E-03	2.29E+01	-1.62E+00	0
2022-08-27T07:33:58.764Z	2.42E-03	2.29E+01	-1.94E+00	0
2022-08-27T07:34:52.738Z	2.39E-03	2.29E+01	-1.92E+00	0
2022-08-27T07:35:46.712Z	1.63E-03	2.29E+01	-1.55E+00	0
2022-08-27T07:36:40.686Z	2.10E-03	2.29E+01	-2.16E+00	0
2022-08-27T07:37:34.660Z	2.47E-03	2.28E+01	-1.92E+00	0
2022-08-27T07:38:28.634Z	2.16E-03	2.29E+01	-1.88E+00	0
2022-08-27T07:39:22.608Z	2.30E-03	2.29E+01	-2.12E+00	0
2022-08-27T07:40:16.582Z	1.90E-03	2.29E+01	-1.67E+00	0
2022-08-27T07:41:10.556Z	2.74E-03	2.29E+01	-2.16E+00	0
2022-08-27T07:42:04.530Z	2.59E-03	2.29E+01	-1.53E+00	0
2022-08-27T07:42:58.504Z	2.65E-03	2.28E+01	-1.36E+00	0
2022-08-27T07:43:52.478Z	2.97E-03	2.28E+01	-1.84E+00	0
2022-08-27T07:44:46.452Z	2.45E-03	2.28E+01	-1.65E+00	0
2022-08-27T07:45:40.426Z	1.76E-03	2.29E+01	-1.26E+00	0
2022-08-27T07:46:34.400Z	2.33E-03	2.28E+01	-1.40E+00	0
2022-08-27T07:47:28.374Z	2.30E-03	2.28E+01	-1.66E+00	0
2022-08-27T07:48:22.348Z	2.56E-03	2.28E+01	-1.02E+00	0
2022-08-27T07:49:16.322Z	4.44E-03	2.28E+01	-1.70E+00	0
2022-08-27T07:50:10.296Z	2.10E-03	2.28E+01	-1.66E+00	0
2022-08-27T07:51:04.270Z	2.93E-03	2.28E+01	-1.80E+00	0
2022-08-27T07:51:58.244Z	2.97E-03	2.28E+01	-1.66E+00	0
2022-08-27T07:52:52.218Z	2.94E-03	2.28E+01	-1.96E+00	0
2022-08-27T07:53:46.192Z	3.10E-03	2.28E+01	-1.55E+00	0
2022-08-27T07:54:40.166Z	3.25E-03	2.28E+01	-1.12E+00	0
2022-08-27T07:55:34.140Z	2.38E-03	2.28E+01	-1.40E+00	0
2022-08-27T07:56:28.114Z	2.85E-03	2.28E+01	-1.96E+00	0
2022-08-27T07:57:22.088Z	1.76E-03	2.28E+01	-1.30E+00	0
2022-08-27T07:58:16.062Z	2.81E-03	2.28E+01	-1.20E+00	0

2022-08-27T07:59:10.036Z	2.82E-03	2.28E+01	-1.60E+00	0
2022-08-27T08:00:04.010Z	2.28E-03	2.28E+01	-2.08E+00	0
2022-08-27T08:00:57.984Z	2.93E-03	2.28E+01	-1.85E+00	0
2022-08-27T08:01:51.958Z	2.85E-03	2.28E+01	-1.06E+00	0
2022-08-27T08:02:45.932Z	3.38E-03	2.28E+01	-1.40E+00	0
2022-08-27T08:03:39.906Z	3.66E-03	2.28E+01	-1.84E+00	0
2022-08-27T08:04:33.880Z	2.07E-03	2.28E+01	-1.72E+00	0
2022-08-27T08:05:27.854Z	3.00E-03	2.28E+01	-1.55E+00	0
2022-08-27T08:06:21.828Z	3.46E-03	2.28E+01	-1.36E+00	0
2022-08-27T08:07:15.802Z	2.74E-03	2.28E+01	-1.65E+00	0
2022-08-27T08:08:09.776Z	3.92E-03	2.28E+01	-1.66E+00	0
2022-08-27T08:09:03.750Z	3.17E-03	2.28E+01	-1.54E+00	0
2022-08-27T08:09:57.724Z	3.82E-03	2.28E+01	-1.70E+00	0
2022-08-27T08:10:51.698Z	2.71E-03	2.28E+01	-1.90E+00	0
2022-08-27T08:11:45.672Z	2.59E-03	2.28E+01	-1.85E+00	0
2022-08-27T08:12:39.646Z	2.85E-03	2.28E+01	-1.00E+00	0
2022-08-27T08:13:33.620Z	2.62E-03	2.28E+01	-1.00E+00	0
2022-08-27T08:14:27.594Z	2.95E-03	2.28E+01	-2.05E+00	0
2022-08-27T08:15:21.568Z	3.20E-03	2.28E+01	-1.48E+00	0
2022-08-27T08:16:15.542Z	2.88E-03	2.28E+01	-1.07E+00	0
2022-08-27T08:17:09.516Z	2.79E-03	2.28E+01	-1.24E+00	0
2022-08-27T08:18:03.490Z	2.04E-03	2.28E+01	-1.60E+00	0
2022-08-27T08:18:57.464Z	2.93E-03	2.28E+01	-1.60E+00	0
2022-08-27T08:19:51.438Z	2.88E-03	2.28E+01	-1.60E+00	0
2022-08-27T08:20:45.412Z	2.33E-03	2.28E+01	-1.70E+00	0
2022-08-27T08:21:39.386Z	2.91E-03	2.28E+01	-1.96E+00	0
2022-08-27T08:22:33.360Z	3.83E-03	2.28E+01	-1.36E+00	0
2022-08-27T08:23:27.334Z	2.90E-03	2.28E+01	-1.50E+00	0
2022-08-27T08:24:21.308Z	3.17E-03	2.28E+01	-1.36E+00	0
2022-08-27T08:25:15.282Z	2.81E-03	2.28E+01	-2.10E+00	0
2022-08-27T08:26:09.256Z	3.00E-03	2.28E+01	-1.72E+00	0
2022-08-27T08:27:03.230Z	2.10E-03	2.28E+01	-2.32E+00	0
2022-08-27T08:27:57.204Z	2.81E-03	2.28E+01	-1.70E+00	0
2022-08-27T08:28:51.178Z	3.34E-03	2.27E+01	-8.80E-01	0
2022-08-27T08:29:45.152Z	4.10E-03	2.27E+01	-2.25E+00	0
2022-08-27T08:30:39.126Z	2.94E-03	2.27E+01	-1.18E+00	0
2022-08-27T08:31:33.100Z	1.76E-03	2.28E+01	-1.90E+00	0
2022-08-27T08:32:27.074Z	3.00E-03	2.27E+01	-1.60E+00	0
2022-08-27T08:33:21.048Z	2.19E-03	2.27E+01	-1.90E+00	0
2022-08-27T08:34:15.022Z	2.76E-03	2.27E+01	-2.00E+00	0
2022-08-27T08:35:08.996Z	1.50E-03	2.27E+01	-2.44E+00	0
2022-08-27T08:36:02.970Z	2.48E-03	2.27E+01	-1.60E+00	0
2022-08-27T08:36:56.944Z	2.93E-03	2.27E+01	-1.63E+00	0
2022-08-27T08:37:50.918Z	1.70E-03	2.27E+01	-1.92E+00	0
2022-08-27T08:38:44.892Z	2.02E-03	2.27E+01	-2.05E+00	0
2022-08-27T08:39:38.866Z	1.70E-03	2.27E+01	-2.22E+00	0
2022-08-27T08:40:32.840Z	2.36E-03	2.27E+01	-1.94E+00	0
2022-08-27T08:41:26.814Z	2.30E-03	2.27E+01	-1.97E+00	0
2022-08-27T08:42:20.788Z	2.65E-03	2.26E+01	-1.86E+00	0
2022-08-27T08:43:14.762Z	2.76E-03	2.26E+01	-1.80E+00	0
2022-08-27T08:44:08.736Z	2.25E-03	2.26E+01	-1.56E+00	0
2022-08-27T08:45:02.710Z	1.50E-03	2.26E+01	-1.50E+00	0
2022-08-27T08:45:56.684Z	1.80E-03	2.26E+01	-1.90E+00	0

2022-08-27T08:46:50.658Z	1.76E-03	2.26E+01	-1.68E+00	0
2022-08-27T08:47:44.632Z	1.92E-03	2.26E+01	-1.40E+00	0
2022-08-27T08:48:38.606Z	1.87E-03	2.26E+01	-1.56E+00	0
2022-08-27T08:49:32.580Z	1.90E-03	2.26E+01	-1.50E+00	0
2022-08-27T08:50:26.554Z	2.26E-03	2.26E+01	-1.25E+00	0
2022-08-27T08:51:20.528Z	2.04E-03	2.26E+01	-1.62E+00	0
2022-08-27T08:52:14.502Z	2.02E-03	2.26E+01	-1.60E+00	0
2022-08-27T08:53:08.476Z	2.28E-03	2.26E+01	-1.44E+00	0
2022-08-27T08:54:02.450Z	9.50E-04	2.26E+01	-1.38E+00	0
2022-08-27T08:54:56.424Z	2.26E-03	2.26E+01	-1.75E+00	0
2022-08-27T08:55:50.398Z	1.67E-03	2.26E+01	-2.04E+00	0
2022-08-27T08:56:44.372Z	1.61E-03	2.26E+01	-1.60E+00	0
2022-08-27T08:57:38.346Z	1.67E-03	2.26E+01	-9.00E-01	0
2022-08-27T08:58:32.320Z	1.53E-03	2.26E+01	-1.02E+00	0
2022-08-27T08:59:26.294Z	9.84E-04	2.27E+01	-2.05E+00	0
2022-08-27T09:00:20.268Z	9.22E-04	2.27E+01	-1.38E+00	0
2022-08-27T09:01:14.242Z	9.84E-04	2.27E+01	-2.15E+00	0
2022-08-27T09:02:08.216Z	1.27E-03	2.26E+01	-1.68E+00	0
2022-08-27T09:03:02.190Z	1.35E-03	2.27E+01	-1.80E+00	0
2022-08-27T09:03:56.164Z	1.30E-03	2.27E+01	-1.65E+00	0
2022-08-27T09:04:50.138Z	1.32E-03	2.27E+01	-1.68E+00	0
2022-08-27T09:05:44.112Z	1.61E-03	2.27E+01	-1.45E+00	0
2022-08-27T09:06:38.086Z	1.73E-03	2.27E+01	-1.74E+00	0
2022-08-27T09:07:32.060Z	1.70E-03	2.27E+01	-2.10E+00	0
2022-08-27T09:08:26.034Z	1.58E-03	2.27E+01	-1.90E+00	0
2022-08-27T09:09:20.008Z	1.73E-03	2.27E+01	-1.68E+00	0
2022-08-27T09:10:13.982Z	1.93E-03	2.27E+01	-1.76E+00	0
2022-08-27T09:11:07.956Z	1.58E-03	2.27E+01	-1.95E+00	0
2022-08-27T09:12:01.930Z	1.64E-03	2.27E+01	-1.68E+00	0
2022-08-27T09:12:55.904Z	2.38E-03	2.27E+01	-1.72E+00	0
2022-08-27T09:13:49.878Z	2.88E-03	2.27E+01	-1.58E+00	0
2022-08-27T09:14:43.852Z	2.42E-03	2.27E+01	-1.70E+00	0
2022-08-27T09:15:37.826Z	2.04E-03	2.27E+01	-1.90E+00	0
2022-08-27T09:16:31.800Z	2.48E-03	2.27E+01	-1.48E+00	0
2022-08-27T09:17:25.774Z	1.44E-03	2.27E+01	-1.50E+00	0
2022-08-27T09:18:19.748Z	1.38E-03	2.28E+01	-1.90E+00	0
2022-08-27T09:19:13.722Z	1.34E-03	2.28E+01	-1.90E+00	0
2022-08-27T09:20:07.696Z	2.07E-03	2.28E+01	-2.32E+00	0
2022-08-27T09:21:01.670Z	1.38E-03	2.28E+01	-1.72E+00	0
2022-08-27T09:21:55.644Z	2.23E-03	2.28E+01	-1.45E+00	0
2022-08-27T09:22:49.618Z	2.82E-03	2.28E+01	-1.84E+00	0
2022-08-27T09:23:43.592Z	3.14E-03	2.28E+01	-1.05E+00	0
2022-08-27T09:24:37.566Z	1.73E-03	2.28E+01	-1.42E+00	0
2022-08-27T09:25:31.540Z	2.04E-03	2.28E+01	-1.72E+00	0
2022-08-27T09:26:25.514Z	2.64E-03	2.28E+01	-1.40E+00	0
2022-08-27T09:27:19.488Z	3.63E-03	2.28E+01	-2.20E+00	0
2022-08-27T09:28:13.462Z	2.62E-03	2.28E+01	-1.65E+00	0
2022-08-27T09:29:07.436Z	3.40E-03	2.28E+01	-1.42E+00	0
2022-08-27T09:30:01.410Z	3.05E-03	2.28E+01	-1.66E+00	0
2022-08-27T09:30:55.384Z	4.20E-03	2.28E+01	-1.30E+00	0
2022-08-27T09:31:49.358Z	2.91E-03	2.28E+01	-1.54E+00	0
2022-08-27T09:32:43.332Z	3.83E-03	2.28E+01	-1.72E+00	0
2022-08-27T09:33:37.306Z	3.91E-03	2.28E+01	-1.90E+00	0

2022-08-27T09:34:31.280Z	2.30E-03	2.28E+01	-1.26E+00	0
2022-08-27T09:35:25.254Z	3.36E-03	2.28E+01	-2.12E+00	0
2022-08-27T09:36:19.228Z	3.28E-03	2.29E+01	-1.62E+00	0
2022-08-27T09:37:13.202Z	3.60E-03	2.29E+01	-1.55E+00	0
2022-08-27T09:38:07.176Z	2.68E-03	2.29E+01	-1.64E+00	0
2022-08-27T09:39:01.150Z	3.23E-03	2.29E+01	-2.12E+00	0
2022-08-27T09:39:55.124Z	3.46E-03	2.29E+01	-1.75E+00	0
2022-08-27T09:40:49.098Z	3.31E-03	2.29E+01	-2.00E+00	0
2022-08-27T09:41:43.072Z	3.26E-03	2.29E+01	-1.60E+00	0
2022-08-27T09:42:37.046Z	3.20E-03	2.29E+01	-2.06E+00	0
2022-08-27T09:43:31.020Z	3.54E-03	2.29E+01	-1.64E+00	0
2022-08-27T09:44:24.994Z	2.16E-03	2.29E+01	-1.85E+00	0
2022-08-27T09:45:18.968Z	4.06E-03	2.29E+01	-1.40E+00	0
2022-08-27T09:46:12.942Z	4.52E-03	2.29E+01	-1.22E+00	0
2022-08-27T09:47:06.916Z	3.38E-03	2.29E+01	-1.75E+00	0
2022-08-27T09:48:00.890Z	4.61E-03	2.30E+01	-2.06E+00	0
2022-08-27T09:48:54.864Z	4.22E-03	2.30E+01	-1.45E+00	0
2022-08-27T09:49:48.838Z	4.18E-03	2.30E+01	-1.82E+00	0
2022-08-27T09:50:42.812Z	3.80E-03	2.30E+01	-1.70E+00	0
2022-08-27T09:51:36.786Z	4.18E-03	2.30E+01	-1.90E+00	0
2022-08-27T09:52:30.760Z	3.80E-03	2.30E+01	-1.58E+00	0
2022-08-27T09:53:24.734Z	3.12E-03	2.30E+01	-1.35E+00	0
2022-08-27T09:54:18.708Z	3.54E-03	2.30E+01	-2.36E+00	0
2022-08-27T09:55:12.682Z	3.77E-03	2.30E+01	-1.66E+00	0
2022-08-27T09:56:06.656Z	4.08E-03	2.30E+01	-2.05E+00	0
2022-08-27T09:57:00.630Z	3.23E-03	2.30E+01	-1.38E+00	0
2022-08-27T09:57:54.604Z	3.10E-03	2.30E+01	-1.45E+00	0
2022-08-27T09:58:48.578Z	3.80E-03	2.30E+01	-1.74E+00	0
2022-08-27T09:59:42.552Z	3.14E-03	2.30E+01	-2.04E+00	0
2022-08-27T10:00:36.526Z	3.12E-03	2.30E+01	-1.75E+00	0
2022-08-27T10:01:30.500Z	2.74E-03	2.31E+01	-1.14E+00	0
2022-08-27T10:02:24.474Z	3.70E-03	2.30E+01	-1.65E+00	0
2022-08-27T10:03:18.448Z	3.95E-03	2.31E+01	-1.74E+00	0
2022-08-27T10:04:12.422Z	5.13E-03	2.30E+01	-1.56E+00	0
2022-08-27T10:05:06.396Z	4.13E-03	2.31E+01	-1.80E+00	0
2022-08-27T10:06:00.370Z	3.83E-03	2.31E+01	-2.28E+00	0
2022-08-27T10:06:54.344Z	4.70E-03	2.31E+01	-1.60E+00	0
2022-08-27T10:07:48.318Z	3.63E-03	2.31E+01	-9.20E-01	0
2022-08-27T10:08:42.292Z	2.85E-03	2.31E+01	-1.38E+00	0
2022-08-27T10:09:36.266Z	2.90E-03	2.31E+01	-1.80E+00	0
2022-08-27T10:10:30.240Z	2.65E-03	2.31E+01	-1.58E+00	0
2022-08-27T10:11:24.214Z	3.72E-03	2.31E+01	-1.40E+00	0
2022-08-27T10:12:18.188Z	2.59E-03	2.31E+01	-1.96E+00	0
2022-08-27T10:13:12.162Z	4.00E-03	2.31E+01	-1.96E+00	0
2022-08-27T10:14:06.136Z	4.03E-03	2.31E+01	-1.53E+00	0
2022-08-27T10:15:00.110Z	4.00E-03	2.31E+01	-1.40E+00	0
2022-08-27T10:15:54.084Z	3.58E-03	2.31E+01	-2.00E+00	0
2022-08-27T10:16:48.058Z	4.09E-03	2.31E+01	-1.52E+00	0
2022-08-27T10:17:42.032Z	3.66E-03	2.31E+01	-1.40E+00	0
2022-08-27T10:18:36.006Z	4.10E-03	2.31E+01	-1.57E+00	0
2022-08-27T10:19:29.980Z	3.46E-03	2.31E+01	-1.40E+00	0
2022-08-27T10:20:23.954Z	3.29E-03	2.31E+01	-2.00E+00	0
2022-08-27T10:21:17.928Z	2.91E-03	2.31E+01	-1.54E+00	0

2022-08-27T10:22:11.902Z	3.05E-03	2.31E+01	-1.90E+00	0
2022-08-27T10:23:05.876Z	3.41E-03	2.31E+01	-1.25E+00	0
2022-08-27T10:23:59.850Z	3.14E-03	2.31E+01	-1.94E+00	0
2022-08-27T10:24:53.824Z	4.20E-03	2.31E+01	-2.05E+00	0
2022-08-27T10:25:47.798Z	3.54E-03	2.31E+01	-1.94E+00	0
2022-08-27T10:26:41.772Z	2.62E-03	2.31E+01	-1.60E+00	0
2022-08-27T10:27:35.746Z	3.10E-03	2.31E+01	-1.80E+00	0
2022-08-27T10:28:29.720Z	2.51E-03	2.31E+01	-1.60E+00	0
2022-08-27T10:29:23.694Z	2.64E-03	2.31E+01	-1.45E+00	0
2022-08-27T10:30:17.668Z	2.71E-03	2.31E+01	-2.20E+00	0
2022-08-27T10:31:11.642Z	1.56E-03	2.31E+01	-1.90E+00	0
2022-08-27T10:32:05.616Z	2.74E-03	2.31E+01	-1.55E+00	0
2022-08-27T10:32:59.590Z	2.53E-03	2.31E+01	-1.84E+00	0
2022-08-27T10:33:53.564Z	2.76E-03	2.31E+01	-2.08E+00	0
2022-08-27T10:34:47.538Z	3.48E-03	2.31E+01	-1.42E+00	0
2022-08-27T10:35:41.512Z	3.74E-03	2.31E+01	-1.36E+00	0
2022-08-27T10:36:35.486Z	2.26E-03	2.31E+01	-1.80E+00	0
2022-08-27T10:37:29.460Z	2.82E-03	2.31E+01	-1.64E+00	0
2022-08-27T10:38:23.434Z	3.31E-03	2.31E+01	-1.48E+00	0
2022-08-27T10:39:17.408Z	2.79E-03	2.31E+01	-2.02E+00	0
2022-08-27T10:40:11.382Z	3.23E-03	2.31E+01	-1.38E+00	0
2022-08-27T10:41:05.356Z	3.10E-03	2.31E+01	-1.80E+00	0
2022-08-27T10:41:59.330Z	3.83E-03	2.31E+01	-2.00E+00	0
2022-08-27T10:42:53.304Z	2.97E-03	2.31E+01	-1.38E+00	0
2022-08-27T10:43:47.278Z	3.86E-03	2.31E+01	-1.75E+00	0
2022-08-27T10:44:41.252Z	2.65E-03	2.31E+01	-1.50E+00	0
2022-08-27T10:45:35.226Z	3.19E-03	2.31E+01	-2.17E+00	0
2022-08-27T10:46:29.200Z	3.66E-03	2.31E+01	-1.68E+00	0
2022-08-27T10:47:23.174Z	2.83E-03	2.31E+01	-1.50E+00	0
2022-08-27T10:48:17.148Z	3.66E-03	2.30E+01	-1.62E+00	0
2022-08-27T10:49:11.122Z	3.08E-03	2.31E+01	-2.52E+00	0
2022-08-27T10:50:05.096Z	3.74E-03	2.30E+01	-2.10E+00	0
2022-08-27T10:50:59.070Z	3.69E-03	2.30E+01	-1.68E+00	0
2022-08-27T10:51:53.044Z	3.00E-03	2.31E+01	-2.00E+00	0
2022-08-27T10:52:47.018Z	3.77E-03	2.31E+01	-1.56E+00	0
2022-08-27T10:53:40.992Z	3.37E-03	2.31E+01	-1.86E+00	0
2022-08-27T10:54:34.966Z	3.29E-03	2.31E+01	-1.27E+00	0
2022-08-27T10:55:28.940Z	2.88E-03	2.31E+01	-1.92E+00	0
2022-08-27T10:56:22.914Z	4.12E-03	2.30E+01	-1.32E+00	0
2022-08-27T10:57:16.888Z	3.00E-03	2.30E+01	-1.75E+00	0
2022-08-27T10:58:10.862Z	2.07E-03	2.31E+01	-2.10E+00	0
2022-08-27T10:59:04.836Z	3.36E-03	2.30E+01	-1.60E+00	0
2022-08-27T10:59:58.810Z	2.48E-03	2.31E+01	-1.56E+00	0
2022-08-27T11:00:52.784Z	1.61E-03	2.31E+01	-1.74E+00	0
2022-08-27T11:01:46.758Z	2.18E-03	2.31E+01	-1.45E+00	0
2022-08-27T11:02:40.732Z	4.35E-03	2.30E+01	-1.80E+00	0
2022-08-27T11:03:34.706Z	3.84E-03	2.30E+01	-2.05E+00	0
2022-08-27T11:04:28.680Z	3.72E-03	2.30E+01	-2.10E+00	0
2022-08-27T11:05:22.654Z	4.32E-03	2.30E+01	-2.04E+00	0
2022-08-27T11:06:16.628Z	3.60E-03	2.30E+01	-1.65E+00	0
2022-08-27T11:07:10.602Z	3.95E-03	2.30E+01	-1.62E+00	0
2022-08-27T11:08:04.576Z	3.00E-03	2.30E+01	-2.20E+00	0
2022-08-27T11:08:58.550Z	4.38E-03	2.30E+01	-1.62E+00	0

2022-08-27T11:09:52.524Z	3.31E-03	2.30E+01	-2.16E+00	0
2022-08-27T11:10:46.498Z	3.38E-03	2.30E+01	-1.75E+00	0
2022-08-27T11:11:40.472Z	2.25E-03	2.30E+01	-2.04E+00	0
2022-08-27T11:12:34.446Z	3.02E-03	2.30E+01	-1.75E+00	0
2022-08-27T11:13:28.420Z	2.68E-03	2.30E+01	-1.86E+00	0
2022-08-27T11:14:22.394Z	3.14E-03	2.30E+01	-1.50E+00	0
2022-08-27T11:15:16.368Z	3.19E-03	2.30E+01	-1.88E+00	0
2022-08-27T11:16:10.342Z	3.46E-03	2.30E+01	-1.66E+00	0
2022-08-27T11:17:04.316Z	3.29E-03	2.29E+01	-1.47E+00	0
2022-08-27T11:17:58.290Z	2.68E-03	2.30E+01	-1.52E+00	0
2022-08-27T11:18:52.264Z	2.68E-03	2.30E+01	-1.70E+00	0
2022-08-27T11:19:46.238Z	3.14E-03	2.29E+01	-1.28E+00	0
2022-08-27T11:20:40.212Z	3.08E-03	2.29E+01	-1.82E+00	0
2022-08-27T11:21:34.186Z	2.69E-03	2.29E+01	-1.60E+00	0
2022-08-27T11:22:28.160Z	2.48E-03	2.29E+01	-1.10E+00	0
2022-08-27T11:23:22.134Z	3.43E-03	2.29E+01	-1.64E+00	0
2022-08-27T11:24:16.108Z	2.88E-03	2.29E+01	-1.55E+00	0
2022-08-27T11:25:10.082Z	3.02E-03	2.29E+01	-2.30E+00	0
2022-08-27T11:26:04.056Z	2.95E-03	2.29E+01	-1.60E+00	0
2022-08-27T11:26:58.030Z	3.72E-03	2.29E+01	-1.58E+00	0
2022-08-27T11:27:52.004Z	3.23E-03	2.29E+01	-1.22E+00	0
2022-08-27T11:28:45.978Z	3.60E-03	2.29E+01	-2.40E+00	0
2022-08-27T11:29:39.952Z	3.37E-03	2.29E+01	-1.40E+00	0
2022-08-27T11:30:33.926Z	1.81E-03	2.29E+01	-1.88E+00	0
2022-08-27T11:31:27.900Z	2.86E-03	2.28E+01	-1.45E+00	0
2022-08-27T11:32:21.874Z	2.97E-03	2.28E+01	-1.82E+00	0
2022-08-27T11:33:15.848Z	2.16E-03	2.29E+01	-1.68E+00	0
2022-08-27T11:34:09.822Z	2.16E-03	2.28E+01	-1.60E+00	0
2022-08-27T11:35:03.796Z	3.72E-03	2.28E+01	-1.57E+00	0
2022-08-27T11:35:57.770Z	1.87E-03	2.28E+01	-1.32E+00	0
2022-08-27T11:36:51.744Z	1.90E-03	2.28E+01	-2.32E+00	0
2022-08-27T11:37:45.718Z	3.38E-03	2.28E+01	-1.45E+00	0
2022-08-27T11:38:39.692Z	2.79E-03	2.28E+01	-1.72E+00	0
2022-08-27T11:39:33.666Z	2.54E-03	2.28E+01	-1.40E+00	0
2022-08-27T11:40:27.640Z	2.65E-03	2.28E+01	-1.90E+00	0
2022-08-27T11:41:21.614Z	2.33E-03	2.27E+01	-1.90E+00	0
2022-08-27T11:42:15.588Z	2.33E-03	2.27E+01	-1.80E+00	0
2022-08-27T11:43:09.562Z	3.11E-03	2.27E+01	-1.36E+00	0
2022-08-27T11:44:03.536Z	2.02E-03	2.27E+01	-1.25E+00	0
2022-08-27T11:44:57.510Z	2.94E-03	2.27E+01	-2.08E+00	0
2022-08-27T11:45:51.484Z	3.25E-03	2.27E+01	-1.54E+00	0
2022-08-27T11:46:45.458Z	2.40E-03	2.27E+01	-1.48E+00	0
2022-08-27T11:47:39.432Z	1.61E-03	2.27E+01	-1.80E+00	0
2022-08-27T11:48:33.406Z	1.87E-03	2.27E+01	-1.63E+00	0
2022-08-27T11:49:27.380Z	2.42E-03	2.26E+01	-1.22E+00	0
2022-08-27T11:50:21.354Z	1.76E-03	2.26E+01	-1.80E+00	0
2022-08-27T11:51:15.328Z	1.61E-03	2.27E+01	-1.85E+00	0
2022-08-27T11:52:09.302Z	1.84E-03	2.26E+01	-1.92E+00	0
2022-08-27T11:53:03.276Z	2.21E-03	2.26E+01	-1.10E+00	0
2022-08-27T11:53:57.250Z	1.79E-03	2.26E+01	-2.40E+00	0
2022-08-27T11:54:51.224Z	2.28E-03	2.26E+01	-1.92E+00	0
2022-08-27T11:55:45.198Z	2.26E-03	2.26E+01	-1.70E+00	0
2022-08-27T11:56:39.172Z	1.76E-03	2.26E+01	-1.62E+00	0

2022-08-27T11:57:33.146Z	1.39E-03	2.25E+01	-1.25E+00	0
2022-08-27T11:58:27.120Z	1.93E-03	2.25E+01	-1.90E+00	0
2022-08-27T11:59:21.094Z	1.27E-03	2.25E+01	-1.50E+00	0
2022-08-27T12:00:15.068Z	2.33E-03	2.25E+01	-1.43E+00	0
2022-08-27T12:01:09.042Z	1.64E-03	2.25E+01	-1.28E+00	0
2022-08-27T12:02:03.016Z	1.64E-03	2.25E+01	-2.36E+00	0
2022-08-27T12:02:56.990Z	1.51E-03	2.25E+01	-1.30E+00	0
2022-08-27T12:03:50.964Z	1.44E-03	2.25E+01	-1.04E+00	0
2022-08-27T12:04:44.938Z	9.84E-04	2.25E+01	-1.40E+00	0
2022-08-27T12:05:38.912Z	1.18E-03	2.24E+01	-1.76E+00	0
2022-08-27T12:06:32.886Z	1.09E-03	2.24E+01	-1.70E+00	0
2022-08-27T12:07:26.860Z	1.42E-03	2.24E+01	-1.30E+00	0
2022-08-27T12:08:20.834Z	1.41E-03	2.24E+01	-1.70E+00	0
2022-08-27T12:09:14.808Z	1.15E-03	2.24E+01	-1.70E+00	0
2022-08-27T12:10:08.782Z	1.30E-03	2.24E+01	-1.68E+00	0
2022-08-27T12:11:02.756Z	1.56E-03	2.24E+01	-1.62E+00	0
2022-08-27T12:11:56.730Z	9.84E-04	2.24E+01	-1.57E+00	0
2022-08-27T12:12:50.704Z	6.91E-04	2.24E+01	-1.42E+00	0
2022-08-27T12:13:44.678Z	6.48E-04	2.24E+01	-2.15E+00	0
2022-08-27T12:14:38.652Z	6.91E-04	2.24E+01	-1.66E+00	0
2022-08-27T12:15:32.626Z	8.06E-04	2.23E+01	-1.84E+00	0
2022-08-27T12:16:26.600Z	5.52E-04	2.23E+01	-1.85E+00	0
2022-08-27T12:17:20.574Z	5.47E-04	2.23E+01	-2.14E+00	0
2022-08-27T12:18:14.548Z	6.72E-04	2.23E+01	-1.05E+00	0
2022-08-27T12:19:08.522Z	6.91E-04	2.23E+01	-1.60E+00	0
2022-08-27T12:20:02.496Z	7.20E-04	2.23E+01	-1.75E+00	0
2022-08-27T12:20:56.470Z	9.22E-04	2.23E+01	-1.96E+00	0
2022-08-27T12:21:50.444Z	5.76E-04	2.23E+01	-1.78E+00	0
2022-08-27T12:22:44.418Z	2.16E-04	2.23E+01	-1.38E+00	0
2022-08-27T12:23:38.392Z	3.74E-04	2.23E+01	-1.80E+00	0
2022-08-27T12:24:32.366Z	5.52E-04	2.23E+01	-1.12E+00	0
2022-08-27T12:25:26.340Z	2.30E-04	2.23E+01	-1.34E+00	0
2022-08-27T12:26:20.314Z	1.15E-04	2.23E+01	-1.32E+00	0
2022-08-27T12:27:14.288Z	4.08E-04	2.22E+01	-1.50E+00	0
2022-08-27T12:28:08.262Z	3.46E-04	2.22E+01	-2.10E+00	0
2022-08-27T12:29:02.236Z	4.08E-04	2.22E+01	-1.60E+00	0
2022-08-27T12:29:56.210Z	8.93E-04	2.22E+01	-1.68E+00	0
2022-08-27T12:30:50.184Z	1.01E-03	2.22E+01	-1.08E+00	0
2022-08-27T12:31:44.158Z	6.24E-04	2.22E+01	-1.70E+00	0
2022-08-27T12:32:38.132Z	5.76E-04	2.22E+01	-1.20E+00	0
2022-08-27T12:33:32.106Z	8.40E-04	2.22E+01	-1.40E+00	0
2022-08-27T12:34:26.080Z	9.79E-04	2.22E+01	-2.10E+00	0
2022-08-27T12:35:20.054Z	5.47E-04	2.22E+01	-1.50E+00	0
2022-08-27T12:36:14.028Z	5.04E-04	2.22E+01	-1.25E+00	0
2022-08-27T12:37:08.002Z	5.47E-04	2.22E+01	-2.04E+00	0
2022-08-27T12:38:01.976Z	6.62E-04	2.21E+01	-1.50E+00	0
2022-08-27T12:38:55.950Z	4.32E-04	2.21E+01	-1.75E+00	0
2022-08-27T12:39:49.924Z	5.18E-04	2.21E+01	-2.08E+00	0
2022-08-27T12:40:43.898Z	4.32E-04	2.21E+01	-1.85E+00	0
2022-08-27T12:41:37.872Z	4.32E-04	2.21E+01	-1.12E+00	0
2022-08-27T12:42:31.846Z	6.62E-04	2.21E+01	-1.32E+00	0
2022-08-27T12:43:25.820Z	3.12E-04	2.21E+01	-1.77E+00	0
2022-08-27T12:44:19.794Z	4.32E-04	2.21E+01	-2.12E+00	0

2022-08-27T12:45:13.768Z	5.52E-04	2.21E+01	-1.77E+00	0
2022-08-27T12:46:07.742Z	2.88E-04	2.21E+01	-1.78E+00	0
2022-08-27T12:47:01.716Z	3.74E-04	2.21E+01	-1.34E+00	0
2022-08-27T12:47:55.690Z	5.04E-04	2.21E+01	-1.30E+00	0
2022-08-27T12:48:49.664Z	3.46E-04	2.21E+01	-1.76E+00	0
2022-08-27T12:49:43.638Z	4.80E-04	2.21E+01	-1.70E+00	0
2022-08-27T12:50:37.612Z	3.17E-04	2.21E+01	-1.34E+00	0
2022-08-27T12:51:31.586Z	5.18E-04	2.21E+01	-1.58E+00	0
2022-08-27T12:52:25.560Z	6.00E-04	2.21E+01	-1.65E+00	0
2022-08-27T12:53:19.534Z	4.32E-04	2.21E+01	-1.58E+00	0
2022-08-27T12:54:13.508Z	6.96E-04	2.21E+01	-2.15E+00	0
2022-08-27T12:55:07.482Z	8.35E-04	2.21E+01	-1.98E+00	0
2022-08-27T12:56:01.456Z	5.47E-04	2.22E+01	-1.80E+00	0
2022-08-27T12:56:55.430Z	7.92E-04	2.22E+01	-7.00E-01	0
2022-08-27T12:57:49.404Z	7.78E-04	2.22E+01	-1.44E+00	0
2022-08-27T12:58:43.378Z	7.44E-04	2.23E+01	-2.25E+00	0
2022-08-27T12:59:37.352Z	8.93E-04	2.23E+01	-1.86E+00	0
2022-08-27T13:00:31.326Z	7.49E-04	2.23E+01	-1.26E+00	0
2022-08-27T13:01:25.300Z	8.16E-04	2.23E+01	-1.30E+00	0
2022-08-27T13:02:19.274Z	7.78E-04	2.24E+01	-1.42E+00	0
2022-08-27T13:03:13.248Z	8.64E-04	2.24E+01	-1.45E+00	0
2022-08-27T13:04:07.222Z	8.64E-04	2.24E+01	-2.02E+00	0
2022-08-27T13:05:01.196Z	5.76E-04	2.25E+01	-9.40E-01	0
2022-08-27T13:05:55.170Z	7.68E-04	2.25E+01	-1.53E+00	0
2022-08-27T13:06:49.144Z	7.49E-04	2.26E+01	-1.50E+00	0
2022-08-27T13:07:43.118Z	8.64E-04	2.26E+01	-1.60E+00	0
2022-08-27T13:08:37.092Z	7.49E-04	2.27E+01	-1.40E+00	0
2022-08-27T13:09:31.066Z	6.91E-04	2.27E+01	-1.96E+00	0
2022-08-27T13:10:25.040Z	8.16E-04	2.27E+01	-1.45E+00	0
2022-08-27T13:11:19.014Z	6.05E-04	2.27E+01	-1.74E+00	0
2022-08-27T13:12:12.988Z	7.92E-04	2.28E+01	-1.85E+00	0
2022-08-27T13:13:06.962Z	7.20E-04	2.28E+01	-1.32E+00	0
2022-08-27T13:14:00.936Z	1.04E-03	2.28E+01	-1.64E+00	0
2022-08-27T13:14:54.910Z	8.88E-04	2.29E+01	-1.93E+00	0
2022-08-27T13:15:48.884Z	6.62E-04	2.29E+01	-1.66E+00	0
2022-08-27T13:16:42.858Z	1.50E-03	2.29E+01	-1.66E+00	0
2022-08-27T13:17:36.832Z	2.54E-03	2.29E+01	-1.55E+00	0
2022-08-27T13:18:30.806Z	1.67E-03	2.29E+01	-1.80E+00	0
2022-08-27T13:19:24.780Z	1.66E-03	2.30E+01	-1.52E+00	0
2022-08-27T13:20:18.754Z	1.64E-03	2.30E+01	-1.34E+00	0
2022-08-27T13:21:12.728Z	2.30E-03	2.30E+01	-1.30E+00	0
2022-08-27T13:22:06.702Z	2.51E-03	2.30E+01	-1.64E+00	0
2022-08-27T13:23:00.676Z	2.97E-03	2.30E+01	-1.58E+00	0
2022-08-27T13:23:54.650Z	2.35E-03	2.30E+01	-1.15E+00	0
2022-08-27T13:24:48.624Z	1.53E-03	2.31E+01	-1.22E+00	0
2022-08-27T13:25:42.598Z	2.35E-03	2.31E+01	-1.60E+00	0
2022-08-27T13:26:36.572Z	2.28E-03	2.32E+01	-9.60E-01	0
2022-08-27T13:27:30.546Z	1.47E-03	2.32E+01	-1.68E+00	0
2022-08-27T13:28:24.520Z	1.51E-03	2.33E+01	-1.58E+00	0
2022-08-27T13:29:18.494Z	2.10E-03	2.33E+01	-8.20E-01	0
2022-08-27T13:30:12.468Z	2.38E-03	2.34E+01	-1.68E+00	0
2022-08-27T13:31:06.442Z	2.33E-03	2.35E+01	-1.64E+00	0
2022-08-27T13:32:00.416Z	2.36E-03	2.36E+01	-1.30E+00	0

2022-08-27T13:32:54.390Z	2.62E-03	2.37E+01	-1.65E+00	0
2022-08-27T13:33:48.364Z	2.76E-03	2.37E+01	-1.98E+00	0
2022-08-27T13:34:42.338Z	2.95E-03	2.39E+01	-2.25E+00	0
2022-08-27T13:35:36.312Z	2.82E-03	2.39E+01	-1.58E+00	0
2022-08-27T13:36:30.286Z	3.11E-03	2.40E+01	-1.34E+00	0
2022-08-27T13:37:24.260Z	3.07E-03	2.41E+01	-2.45E+00	0
2022-08-27T13:38:18.234Z	3.17E-03	2.42E+01	-1.32E+00	0
2022-08-27T13:39:12.208Z	2.54E-03	2.43E+01	-1.73E+00	0
2022-08-27T13:40:06.182Z	3.05E-03	2.44E+01	-1.72E+00	0
2022-08-27T13:41:00.156Z	3.02E-03	2.45E+01	-1.76E+00	0
2022-08-27T13:41:54.130Z	3.07E-03	2.46E+01	-1.50E+00	0
2022-08-27T13:42:48.104Z	2.39E-03	2.47E+01	-1.50E+00	0
2022-08-27T13:43:42.078Z	3.43E-03	2.47E+01	-1.90E+00	0
2022-08-27T13:44:36.052Z	2.19E-03	2.48E+01	-1.54E+00	0
2022-08-27T13:45:30.026Z	1.73E-03	2.49E+01	-1.18E+00	0
2022-08-27T13:46:24.000Z	2.45E-03	2.49E+01	-1.88E+00	0
2022-08-27T13:47:17.974Z	1.61E-03	2.50E+01	-1.70E+00	0
2022-08-27T13:48:11.948Z	1.07E-03	2.50E+01	-1.94E+00	0
2022-08-27T13:49:05.922Z	2.14E-03	2.50E+01	-2.07E+00	0
2022-08-27T13:49:59.896Z	2.45E-03	2.50E+01	-1.62E+00	0
2022-08-27T13:50:53.870Z	1.73E-03	2.50E+01	-1.80E+00	0
2022-08-27T13:51:47.844Z	1.58E-03	2.50E+01	-1.86E+00	0
2022-08-27T13:52:41.818Z	2.16E-03	2.51E+01	-1.56E+00	0
2022-08-27T13:53:35.792Z	1.82E-03	2.51E+01	-2.15E+00	0
2022-08-27T13:54:29.766Z	1.64E-03	2.51E+01	-2.06E+00	0
2022-08-27T13:55:23.740Z	1.49E-03	2.52E+01	-1.70E+00	0
2022-08-27T13:56:17.714Z	1.70E-03	2.52E+01	-1.48E+00	0
2022-08-27T13:57:11.688Z	1.47E-03	2.52E+01	-1.92E+00	0
2022-08-27T13:58:05.662Z	1.97E-03	2.53E+01	-2.38E+00	0
2022-08-27T13:58:59.636Z	1.99E-03	2.54E+01	-1.34E+00	0
2022-08-27T13:59:53.610Z	1.63E-03	2.54E+01	-1.72E+00	0
2022-08-27T14:00:47.584Z	1.96E-03	2.55E+01	-1.50E+00	0
2022-08-27T14:01:41.558Z	3.57E-03	2.56E+01	-1.96E+00	0
2022-08-27T14:02:35.532Z	3.36E-03	2.56E+01	-1.40E+00	0
2022-08-27T14:03:29.506Z	2.30E-03	2.57E+01	-2.18E+00	0
2022-08-27T14:04:23.480Z	3.62E-03	2.58E+01	-2.10E+00	0
2022-08-27T14:05:17.454Z	2.19E-03	2.59E+01	-1.90E+00	0
2022-08-27T14:06:11.428Z	2.79E-03	2.59E+01	-1.86E+00	0
2022-08-27T14:07:05.402Z	3.82E-03	2.60E+01	-2.20E+00	0
2022-08-27T14:07:59.376Z	3.23E-03	2.60E+01	-2.48E+00	0
2022-08-27T14:08:53.350Z	2.38E-03	2.61E+01	-1.75E+00	0
2022-08-27T14:09:47.324Z	2.13E-03	2.61E+01	-1.78E+00	0
2022-08-27T14:10:41.298Z	2.22E-03	2.61E+01	-1.78E+00	0
2022-08-27T14:11:35.272Z	2.59E-03	2.61E+01	-1.80E+00	0
2022-08-27T14:12:29.246Z	3.20E-03	2.61E+01	-2.36E+00	0
2022-08-27T14:13:23.220Z	2.86E-03	2.62E+01	-1.80E+00	0
2022-08-27T14:14:17.194Z	2.94E-03	2.62E+01	-2.48E+00	0
2022-08-27T14:15:11.168Z	3.11E-03	2.62E+01	-2.06E+00	0
2022-08-27T14:16:05.142Z	2.76E-03	2.62E+01	-2.15E+00	0
2022-08-27T14:16:59.116Z	2.45E-03	2.62E+01	-2.62E+00	0
2022-08-27T14:17:53.090Z	2.95E-03	2.62E+01	-2.05E+00	0
2022-08-27T14:18:47.064Z	4.92E-03	2.62E+01	-2.22E+00	0
2022-08-27T14:19:41.038Z	4.49E-03	2.62E+01	-1.98E+00	0

2022-08-27T14:20:35.012Z	4.03E-03	2.62E+01	-2.30E+00	0
2022-08-27T14:21:28.986Z	4.41E-03	2.63E+01	-1.50E+00	0
2022-08-27T14:22:22.960Z	4.46E-03	2.62E+01	-2.20E+00	0
2022-08-27T14:23:16.934Z	4.61E-03	2.62E+01	-2.52E+00	0
2022-08-27T14:24:10.908Z	3.80E-03	2.62E+01	-1.80E+00	0
2022-08-27T14:25:04.882Z	4.56E-03	2.62E+01	-2.60E+00	0
2022-08-27T14:25:58.856Z	4.29E-03	2.62E+01	-2.22E+00	0
2022-08-27T14:26:52.830Z	4.25E-03	2.62E+01	-2.05E+00	0
2022-08-27T14:27:46.804Z	5.30E-03	2.62E+01	-1.74E+00	0
2022-08-27T14:28:40.778Z	3.57E-03	2.62E+01	-2.10E+00	0
2022-08-27T14:29:34.752Z	3.74E-03	2.62E+01	-1.70E+00	0
2022-08-27T14:30:28.726Z	2.88E-03	2.62E+01	-2.22E+00	0
2022-08-27T14:31:22.700Z	4.30E-03	2.61E+01	-2.30E+00	0
2022-08-27T14:32:16.674Z	4.06E-03	2.62E+01	-2.10E+00	0
2022-08-27T14:33:10.648Z	4.32E-03	2.61E+01	-2.16E+00	0
2022-08-27T14:34:04.622Z	4.22E-03	2.61E+01	-2.65E+00	0
2022-08-27T14:34:58.596Z	3.80E-03	2.61E+01	-2.10E+00	0
2022-08-27T14:35:52.570Z	3.58E-03	2.61E+01	-2.10E+00	0
2022-08-27T14:36:46.544Z	2.16E-03	2.61E+01	-1.74E+00	0
2022-08-27T14:37:40.518Z	3.17E-03	2.61E+01	-2.40E+00	0
2022-08-27T14:38:34.492Z	3.29E-03	2.61E+01	-2.25E+00	0
2022-08-27T14:39:28.466Z	4.09E-03	2.61E+01	-2.10E+00	0
2022-08-27T14:40:22.440Z	4.18E-03	2.61E+01	-1.65E+00	0
2022-08-27T14:41:16.414Z	3.74E-03	2.61E+01	-2.26E+00	0
2022-08-27T14:42:10.388Z	3.83E-03	2.61E+01	-1.86E+00	0
2022-08-27T14:43:04.362Z	2.98E-03	2.61E+01	-1.53E+00	0
2022-08-27T14:43:58.336Z	4.98E-03	2.61E+01	-2.04E+00	0
2022-08-27T14:44:52.310Z	2.45E-03	2.61E+01	-2.78E+00	0
2022-08-27T14:45:46.284Z	4.55E-03	2.61E+01	-1.98E+00	0
2022-08-27T14:46:40.258Z	4.90E-03	2.61E+01	-1.98E+00	0
2022-08-27T14:47:34.232Z	5.16E-03	2.61E+01	-2.15E+00	0
2022-08-27T14:48:28.206Z	5.16E-03	2.61E+01	-2.04E+00	0
2022-08-27T14:49:22.180Z	4.13E-03	2.61E+01	-1.70E+00	0
2022-08-27T14:50:16.154Z	2.65E-03	2.62E+01	-1.80E+00	0
2022-08-27T14:51:10.128Z	4.12E-03	2.61E+01	-2.04E+00	0
2022-08-27T14:52:04.102Z	4.32E-03	2.61E+01	-2.25E+00	0
2022-08-27T14:52:58.076Z	4.87E-03	2.61E+01	-2.28E+00	0
2022-08-27T14:53:52.050Z	4.90E-03	2.62E+01	-2.35E+00	0
2022-08-27T14:54:46.024Z	5.01E-03	2.62E+01	-1.68E+00	0
2022-08-27T14:55:39.998Z	4.81E-03	2.62E+01	-2.52E+00	0
2022-08-27T14:56:33.972Z	4.94E-03	2.62E+01	-2.10E+00	0
2022-08-27T14:57:27.946Z	5.18E-03	2.62E+01	-2.40E+00	0
2022-08-27T14:58:21.920Z	4.44E-03	2.62E+01	-2.08E+00	0
2022-08-27T14:59:15.894Z	3.62E-03	2.62E+01	-2.32E+00	0
2022-08-27T15:00:09.868Z	4.52E-03	2.62E+01	-2.24E+00	0
2022-08-27T15:01:03.842Z	4.94E-03	2.63E+01	-2.20E+00	0
2022-08-27T15:01:57.816Z	3.92E-03	2.63E+01	-2.02E+00	0
2022-08-27T15:02:51.790Z	5.21E-03	2.63E+01	-1.78E+00	0
2022-08-27T15:03:45.764Z	4.42E-03	2.64E+01	-2.05E+00	0
2022-08-27T15:04:39.738Z	5.07E-03	2.64E+01	-1.64E+00	0
2022-08-27T15:05:33.712Z	4.75E-03	2.64E+01	-1.70E+00	0
2022-08-27T15:06:27.686Z	3.57E-03	2.65E+01	-2.00E+00	0
2022-08-27T15:07:21.660Z	4.35E-03	2.65E+01	-2.48E+00	0

2022-08-27T15:08:15.634Z	4.30E-03	2.65E+01	-2.70E+00	0
2022-08-27T15:09:09.608Z	4.26E-03	2.66E+01	-2.04E+00	0
2022-08-27T15:10:03.582Z	4.58E-03	2.66E+01	-1.55E+00	0
2022-08-27T15:10:57.556Z	4.39E-03	2.67E+01	-2.33E+00	0
2022-08-27T15:11:51.530Z	5.13E-03	2.67E+01	-2.10E+00	0
2022-08-27T15:12:45.504Z	4.13E-03	2.68E+01	-2.68E+00	0
2022-08-27T15:13:39.478Z	7.92E-03	2.67E+01	-2.00E+00	0
2022-08-27T15:14:33.452Z	4.97E-03	2.68E+01	-2.15E+00	0
2022-08-27T15:15:27.426Z	6.83E-03	2.68E+01	-2.34E+00	0
2022-08-27T15:16:21.400Z	5.13E-03	2.69E+01	-1.86E+00	0
2022-08-27T15:17:15.374Z	4.68E-03	2.69E+01	-1.30E+00	0
2022-08-27T15:18:09.348Z	8.90E-03	2.70E+01	-2.18E+00	0
2022-08-27T15:19:03.322Z	6.74E-03	2.70E+01	-2.05E+00	0
2022-08-27T15:19:57.296Z	9.73E-03	2.71E+01	-2.16E+00	0
2022-08-27T15:20:51.270Z	4.44E-03	2.71E+01	-1.86E+00	0
2022-08-27T15:21:45.244Z	4.75E-03	2.72E+01	-1.90E+00	0
2022-08-27T15:22:39.218Z	4.81E-03	2.73E+01	-1.66E+00	0
2022-08-27T15:23:33.192Z	5.64E-03	2.73E+01	-1.83E+00	0
2022-08-27T15:24:27.166Z	4.90E-03	2.74E+01	-2.24E+00	0
2022-08-27T15:25:21.140Z	4.99E-03	2.75E+01	-2.37E+00	0
2022-08-27T15:26:15.114Z	1.36E-02	2.76E+01	-1.62E+00	0
2022-08-27T15:27:09.088Z	7.92E-03	2.76E+01	-2.04E+00	0
2022-08-27T15:28:03.062Z	5.04E-03	2.77E+01	-2.03E+00	0
2022-08-27T15:28:57.036Z	5.41E-03	2.78E+01	-2.32E+00	0
2022-08-27T15:29:51.010Z	5.47E-03	2.78E+01	-1.58E+00	0
2022-08-27T15:30:44.984Z	6.24E-03	2.79E+01	-1.75E+00	0
2022-08-27T15:31:38.958Z	4.67E-03	2.79E+01	-2.84E+00	0
2022-08-27T15:32:32.932Z	6.46E-03	2.80E+01	-2.00E+00	0
2022-08-27T15:33:26.906Z	7.29E-03	2.81E+01	-2.04E+00	0
2022-08-27T15:34:20.880Z	5.67E-03	2.81E+01	-2.14E+00	0
2022-08-27T15:35:14.854Z	6.62E-03	2.82E+01	-2.25E+00	0
2022-08-27T15:36:08.828Z	1.04E-02	2.82E+01	-1.84E+00	0
2022-08-27T15:37:02.802Z	5.33E-03	2.82E+01	-2.62E+00	0
2022-08-27T15:37:56.776Z	5.56E-03	2.83E+01	-2.18E+00	0
2022-08-27T15:38:50.750Z	5.24E-03	2.84E+01	-2.30E+00	0
2022-08-27T15:39:44.724Z	5.21E-03	2.84E+01	-2.37E+00	0
2022-08-27T15:40:38.698Z	1.03E-02	2.84E+01	-1.74E+00	0
2022-08-27T15:41:32.672Z	7.46E-03	2.85E+01	-2.27E+00	0
2022-08-27T15:42:26.646Z	5.85E-03	2.86E+01	-2.38E+00	0
2022-08-27T15:43:20.620Z	5.44E-03	2.87E+01	-2.62E+00	0
2022-08-27T15:44:14.594Z	9.12E-03	2.88E+01	-2.28E+00	0
2022-08-27T15:45:08.568Z	1.18E-02	2.89E+01	-2.24E+00	0
2022-08-27T15:46:02.542Z	5.42E-03	2.90E+01	-2.33E+00	0
2022-08-27T15:46:56.516Z	7.32E-03	2.91E+01	-2.84E+00	0
2022-08-27T15:47:50.490Z	1.83E-02	2.92E+01	-1.96E+00	0
2022-08-27T15:48:44.464Z	5.06E-03	2.93E+01	-2.60E+00	0
2022-08-27T15:49:38.438Z	6.94E-03	2.94E+01	-1.78E+00	0
2022-08-27T15:50:32.412Z	2.27E-02	2.95E+01	-2.55E+00	0
2022-08-27T15:51:26.386Z	1.98E-02	2.96E+01	-2.72E+00	0
2022-08-27T15:52:20.360Z	5.59E-03	2.98E+01	-2.80E+00	0
2022-08-27T15:53:14.334Z	1.25E-02	2.99E+01	-2.92E+00	0
2022-08-27T15:54:08.308Z	1.05E-02	3.01E+01	-1.76E+00	0
2022-08-27T15:55:02.282Z	9.29E-03	3.02E+01	-1.78E+00	0

2022-08-27T15:55:56.256Z	4.87E-03	3.03E+01	-2.92E+00	0
2022-08-27T15:56:50.230Z	7.55E-03	3.04E+01	-2.32E+00	0
2022-08-27T15:57:44.204Z	6.82E-03	3.05E+01	-2.15E+00	0
2022-08-27T15:58:38.178Z	2.02E-02	3.06E+01	-2.38E+00	0
2022-08-27T15:59:32.152Z	1.02E-02	3.08E+01	-2.28E+00	0
2022-08-27T16:00:26.126Z	1.01E-02	3.09E+01	-2.74E+00	0
2022-08-27T16:01:20.100Z	6.13E-03	3.10E+01	-2.16E+00	0
2022-08-27T16:02:14.074Z	7.39E-03	3.11E+01	-2.67E+00	0
2022-08-27T16:03:08.048Z	7.26E-03	3.12E+01	-2.58E+00	0
2022-08-27T16:04:02.022Z	8.33E-03	3.13E+01	-1.95E+00	0
2022-08-27T16:04:55.996Z	1.15E-02	3.14E+01	-2.50E+00	0
2022-08-27T16:05:49.970Z	7.29E-03	3.15E+01	-2.10E+00	0
2022-08-27T16:06:43.944Z	1.09E-02	3.15E+01	-3.13E+00	0
2022-08-27T16:07:37.918Z	5.67E-03	3.16E+01	-2.42E+00	0
2022-08-27T16:08:31.892Z	5.78E-03	3.17E+01	-2.65E+00	0
2022-08-27T16:09:25.866Z	7.66E-03	3.18E+01	-2.94E+00	0
2022-08-27T16:10:19.840Z	1.41E-02	3.18E+01	-3.06E+00	0
2022-08-27T16:11:13.814Z	9.34E-03	3.19E+01	-2.40E+00	0
2022-08-27T16:12:07.788Z	5.79E-03	3.20E+01	-2.98E+00	0
2022-08-27T16:13:01.762Z	1.04E-02	3.20E+01	-2.48E+00	0
2022-08-27T16:13:55.736Z	7.60E-03	3.21E+01	-2.36E+00	0
2022-08-27T16:14:49.710Z	5.53E-03	3.22E+01	-2.90E+00	0
2022-08-27T16:15:43.684Z	7.06E-03	3.22E+01	-3.43E+00	0
2022-08-27T16:16:37.658Z	7.34E-03	3.23E+01	-3.00E+00	0
2022-08-27T16:17:31.632Z	1.09E-02	3.23E+01	-3.18E+00	0
2022-08-27T16:18:25.606Z	1.12E-02	3.24E+01	-3.38E+00	0
2022-08-27T16:19:19.580Z	1.56E-02	3.24E+01	-3.16E+00	0
2022-08-27T16:20:13.554Z	1.22E-02	3.25E+01	-3.02E+00	0
2022-08-27T16:21:07.528Z	5.53E-03	3.26E+01	-2.72E+00	0
2022-08-27T16:22:01.502Z	7.10E-03	3.26E+01	-2.68E+00	0
2022-08-27T16:22:55.476Z	1.60E-02	3.27E+01	-3.24E+00	0
2022-08-27T16:23:49.450Z	6.71E-03	3.27E+01	-3.18E+00	0
2022-08-27T16:24:43.424Z	1.86E-02	3.27E+01	-3.03E+00	0
2022-08-27T16:25:37.398Z	1.50E-02	3.29E+01	-3.52E+00	0
2022-08-27T16:26:31.372Z	5.81E-03	3.29E+01	-3.25E+00	0
2022-08-27T16:27:25.346Z	4.41E-03	3.30E+01	-2.42E+00	0
2022-08-27T16:28:19.320Z	5.33E-03	3.30E+01	-3.08E+00	0
2022-08-27T16:29:13.294Z	9.79E-03	3.30E+01	-2.77E+00	0
2022-08-27T16:30:07.268Z	1.37E-02	3.31E+01	-3.34E+00	0
2022-08-27T16:31:01.242Z	1.05E-02	3.32E+01	-2.75E+00	0
2022-08-27T16:31:55.216Z	7.83E-03	3.32E+01	-3.24E+00	0
2022-08-27T16:32:49.190Z	4.98E-03	3.33E+01	-3.38E+00	0
2022-08-27T16:33:43.164Z	5.57E-03	3.33E+01	-3.55E+00	0
2022-08-27T16:34:37.138Z	9.22E-03	3.34E+01	-3.64E+00	0
2022-08-27T16:35:31.112Z	5.69E-03	3.34E+01	-3.47E+00	0
2022-08-27T16:36:25.086Z	5.44E-03	3.35E+01	-3.50E+00	0
2022-08-27T16:37:19.060Z	8.29E-03	3.35E+01	-2.78E+00	0
2022-08-27T16:38:13.034Z	6.70E-03	3.36E+01	-2.97E+00	0
2022-08-27T16:39:07.008Z	8.32E-03	3.36E+01	-3.90E+00	0
2022-08-27T16:40:00.982Z	8.01E-03	3.37E+01	-2.98E+00	0
2022-08-27T16:40:54.956Z	8.59E-03	3.38E+01	-3.45E+00	0
2022-08-27T16:41:48.930Z	5.13E-03	3.38E+01	-2.92E+00	0
2022-08-27T16:42:42.904Z	5.06E-03	3.39E+01	-2.95E+00	0

2022-08-27T16:43:36.878Z	5.41E-03	3.40E+01	-2.96E+00	0
2022-08-27T16:44:30.852Z	4.67E-03	3.40E+01	-3.60E+00	0
2022-08-27T16:45:24.826Z	5.40E-03	3.41E+01	-3.15E+00	0
2022-08-27T16:46:18.800Z	4.26E-03	3.42E+01	-3.24E+00	0
2022-08-27T16:47:12.774Z	7.80E-03	3.42E+01	-2.75E+00	0
2022-08-27T16:48:06.748Z	2.05E-02	3.42E+01	-3.46E+00	0
2022-08-27T16:49:00.722Z	7.03E-03	3.43E+01	-3.44E+00	0
2022-08-27T16:49:54.696Z	5.38E-03	3.44E+01	-2.90E+00	0
2022-08-27T16:50:48.670Z	1.04E-02	3.44E+01	-2.88E+00	0
2022-08-27T16:51:42.644Z	1.71E-02	3.45E+01	-3.23E+00	0
2022-08-27T16:52:36.618Z	7.40E-03	3.46E+01	-3.00E+00	0
2022-08-27T16:53:30.592Z	5.36E-03	3.46E+01	-3.32E+00	0
2022-08-27T16:54:24.566Z	4.18E-03	3.47E+01	-2.80E+00	0
2022-08-27T16:55:18.540Z	5.36E-03	3.47E+01	-3.04E+00	0
2022-08-27T16:56:12.514Z	9.34E-03	3.47E+01	-2.82E+00	0
2022-08-27T16:57:06.488Z	5.53E-03	3.48E+01	-3.50E+00	0
2022-08-27T16:58:00.462Z	4.61E-03	3.49E+01	-2.96E+00	0
2022-08-27T16:58:54.436Z	1.27E-02	3.49E+01	-2.95E+00	0
2022-08-27T16:59:48.410Z	7.26E-03	3.50E+01	-3.30E+00	0
2022-08-27T17:00:42.384Z	6.86E-03	3.51E+01	-3.77E+00	0
2022-08-27T17:01:36.358Z	4.18E-03	3.52E+01	-2.98E+00	0
2022-08-27T17:02:30.332Z	4.84E-03	3.52E+01	-3.14E+00	0
2022-08-27T17:03:24.306Z	1.62E-02	3.53E+01	-3.15E+00	0
2022-08-27T17:04:18.280Z	8.96E-03	3.54E+01	-3.14E+00	0
2022-08-27T17:05:12.254Z	9.46E-03	3.55E+01	-3.20E+00	0
2022-08-27T17:06:06.228Z	8.67E-03	3.55E+01	-2.78E+00	0
2022-08-27T17:07:00.202Z	1.42E-02	3.56E+01	-3.10E+00	0
2022-08-27T17:07:54.176Z	6.34E-03	3.56E+01	-2.90E+00	0
2022-08-27T17:08:48.150Z	9.71E-03	3.56E+01	-3.76E+00	0
2022-08-27T17:09:42.124Z	1.75E-02	3.57E+01	-2.55E+00	0
2022-08-27T17:10:36.098Z	8.96E-03	3.57E+01	-3.08E+00	0
2022-08-27T17:11:30.072Z	1.17E-02	3.58E+01	-3.68E+00	0
2022-08-27T17:12:24.046Z	7.63E-03	3.58E+01	-3.30E+00	0
2022-08-27T17:13:18.020Z	4.69E-03	3.59E+01	-3.12E+00	0
2022-08-27T17:14:11.994Z	4.82E-03	3.59E+01	-3.75E+00	0
2022-08-27T17:15:05.968Z	2.79E-03	3.60E+01	-3.76E+00	0
2022-08-27T17:15:59.942Z	1.06E-02	3.60E+01	-3.10E+00	0
2022-08-27T17:16:53.916Z	6.86E-03	3.60E+01	-2.45E+00	0
2022-08-27T17:17:47.890Z	4.84E-03	3.61E+01	-3.12E+00	0
2022-08-27T17:18:41.864Z	5.28E-03	3.61E+01	-3.17E+00	0
2022-08-27T17:19:35.838Z	4.98E-03	3.61E+01	-3.32E+00	0
2022-08-27T17:20:29.812Z	5.47E-03	3.62E+01	-3.32E+00	0
2022-08-27T17:21:23.786Z	6.34E-03	3.62E+01	-3.55E+00	0
2022-08-27T17:22:17.760Z	3.86E-03	3.62E+01	-3.86E+00	0
2022-08-27T17:23:11.734Z	4.87E-03	3.61E+01	-3.55E+00	0
2022-08-27T17:24:05.708Z	5.16E-03	3.61E+01	-2.84E+00	0
2022-08-27T17:24:59.682Z	8.24E-03	3.60E+01	-2.84E+00	0
2022-08-27T17:25:53.656Z	1.76E-02	3.60E+01	-3.55E+00	0
2022-08-27T17:26:47.630Z	1.47E-02	3.60E+01	-3.12E+00	0
2022-08-27T17:27:41.604Z	6.29E-03	3.59E+01	-3.55E+00	0
2022-08-27T17:28:35.578Z	5.24E-03	3.59E+01	-3.10E+00	0
2022-08-27T17:29:29.552Z	5.53E-03	3.58E+01	-3.82E+00	0
2022-08-27T17:30:23.526Z	5.04E-03	3.57E+01	-3.38E+00	0

2022-08-27T17:31:17.500Z	4.61E-03	3.56E+01	-3.18E+00	0
2022-08-27T17:32:11.474Z	4.80E-03	3.56E+01	-3.57E+00	0
2022-08-27T17:33:05.448Z	5.18E-03	3.55E+01	-2.72E+00	0
2022-08-27T17:33:59.422Z	4.69E-03	3.54E+01	-3.56E+00	0
2022-08-27T17:34:53.396Z	5.38E-03	3.53E+01	-3.58E+00	0
2022-08-27T17:35:47.370Z	4.92E-03	3.53E+01	-3.76E+00	0
2022-08-27T17:36:41.344Z	4.08E-03	3.52E+01	-3.08E+00	0
2022-08-27T17:37:35.318Z	4.67E-03	3.51E+01	-3.48E+00	0
2022-08-27T17:38:29.292Z	4.84E-03	3.50E+01	-3.80E+00	0
2022-08-27T17:39:23.266Z	1.09E-02	3.49E+01	-3.45E+00	0
2022-08-27T17:40:17.240Z	5.82E-03	3.48E+01	-3.30E+00	0
2022-08-27T17:41:11.214Z	6.26E-03	3.48E+01	-3.50E+00	0
2022-08-27T17:42:05.188Z	8.41E-03	3.47E+01	-3.44E+00	0
2022-08-27T17:42:59.162Z	5.70E-03	3.47E+01	-3.00E+00	0
2022-08-27T17:43:53.136Z	5.33E-03	3.46E+01	-3.90E+00	0
2022-08-27T17:44:47.110Z	6.97E-03	3.46E+01	-3.72E+00	0
2022-08-27T17:45:41.084Z	5.02E-03	3.46E+01	-3.27E+00	0
2022-08-27T17:46:35.058Z	4.06E-03	3.46E+01	-3.80E+00	0
2022-08-27T17:47:29.032Z	7.37E-03	3.46E+01	-2.74E+00	0
2022-08-27T17:48:23.006Z	5.54E-03	3.46E+01	-4.00E+00	0
2022-08-27T17:49:16.980Z	6.85E-03	3.46E+01	-3.26E+00	0
2022-08-27T17:50:10.954Z	1.64E-02	3.46E+01	-3.62E+00	0
2022-08-27T17:51:04.928Z	8.11E-03	3.46E+01	-3.80E+00	0
2022-08-27T17:51:58.902Z	9.50E-03	3.46E+01	-3.20E+00	0
2022-08-27T17:52:52.876Z	5.28E-03	3.46E+01	-3.30E+00	0
2022-08-27T17:53:46.850Z	5.24E-03	3.45E+01	-3.14E+00	0
2022-08-27T17:54:40.824Z	7.83E-03	3.45E+01	-4.08E+00	0
2022-08-27T17:55:34.798Z	4.34E-03	3.45E+01	-3.43E+00	0
2022-08-27T17:56:28.772Z	5.73E-03	3.44E+01	-2.86E+00	0
2022-08-27T17:57:22.746Z	9.94E-03	3.44E+01	-3.60E+00	0
2022-08-27T17:58:16.720Z	4.35E-03	3.44E+01	-3.46E+00	0
2022-08-27T17:59:10.694Z	3.77E-03	3.44E+01	-2.74E+00	0
2022-08-27T18:00:04.668Z	5.21E-03	3.43E+01	-3.17E+00	0
2022-08-27T18:00:58.642Z	4.98E-03	3.43E+01	-2.94E+00	0
2022-08-27T18:01:52.616Z	6.55E-03	3.43E+01	-2.90E+00	0
2022-08-27T18:02:46.590Z	1.20E-02	3.43E+01	-3.14E+00	0
2022-08-27T18:03:40.564Z	5.16E-03	3.43E+01	-2.64E+00	0
2022-08-27T18:04:34.538Z	5.18E-03	3.43E+01	-3.65E+00	0
2022-08-27T18:05:28.512Z	5.16E-03	3.43E+01	-2.58E+00	0
2022-08-27T18:06:22.486Z	4.61E-03	3.43E+01	-2.90E+00	0
2022-08-27T18:07:16.460Z	7.00E-03	3.43E+01	-2.88E+00	0
2022-08-27T18:08:10.434Z	5.47E-03	3.43E+01	-3.00E+00	0
2022-08-27T18:09:04.408Z	4.54E-03	3.43E+01	-3.00E+00	0
2022-08-27T18:09:58.382Z	3.60E-03	3.43E+01	-3.72E+00	0
2022-08-27T18:10:52.356Z	8.90E-03	3.43E+01	-2.80E+00	0
2022-08-27T18:11:46.330Z	1.18E-02	3.43E+01	-3.00E+00	0
2022-08-27T18:12:40.304Z	5.64E-03	3.42E+01	-3.60E+00	0
2022-08-27T18:13:34.278Z	4.75E-03	3.43E+01	-3.25E+00	0
2022-08-27T18:14:28.252Z	5.33E-03	3.42E+01	-3.06E+00	0
2022-08-27T18:15:22.226Z	4.94E-03	3.43E+01	-3.40E+00	0
2022-08-27T18:16:16.200Z	5.18E-03	3.42E+01	-3.16E+00	0
2022-08-27T18:17:10.174Z	1.32E-02	3.42E+01	-3.43E+00	0
2022-08-27T18:18:04.148Z	6.05E-03	3.42E+01	-3.64E+00	0

2022-08-27T18:18:58.122Z	5.82E-03	3.42E+01	-3.34E+00	0
2022-08-27T18:19:52.096Z	6.50E-03	3.42E+01	-3.30E+00	0
2022-08-27T18:20:46.070Z	5.62E-03	3.42E+01	-2.94E+00	0
2022-08-27T18:21:40.044Z	9.07E-03	3.43E+01	-3.55E+00	0
2022-08-27T18:22:34.018Z	5.56E-03	3.43E+01	-2.94E+00	0
2022-08-27T18:23:27.992Z	5.82E-03	3.43E+01	-2.70E+00	0
2022-08-27T18:24:21.966Z	6.53E-03	3.44E+01	-3.45E+00	0
2022-08-27T18:25:15.940Z	8.12E-03	3.44E+01	-3.04E+00	0
2022-08-27T18:26:09.914Z	8.06E-03	3.45E+01	-3.52E+00	0
2022-08-27T18:27:03.888Z	5.59E-03	3.45E+01	-3.15E+00	0
2022-08-27T18:27:57.862Z	8.06E-03	3.45E+01	-3.46E+00	0
2022-08-27T18:28:51.836Z	1.27E-02	3.45E+01	-3.02E+00	0
2022-08-27T18:29:45.810Z	4.61E-03	3.46E+01	-3.14E+00	0
2022-08-27T18:30:39.784Z	5.10E-03	3.46E+01	-3.50E+00	0
2022-08-27T18:31:33.758Z	5.29E-03	3.47E+01	-3.73E+00	0
2022-08-27T18:32:27.732Z	3.60E-03	3.48E+01	-2.75E+00	0
2022-08-27T18:33:21.706Z	3.96E-03	3.48E+01	-3.35E+00	0
2022-08-27T18:34:15.680Z	4.64E-03	3.49E+01	-3.00E+00	0
2022-08-27T18:35:09.654Z	4.41E-03	3.49E+01	-3.72E+00	0
2022-08-27T18:36:03.628Z	3.70E-03	3.50E+01	-2.93E+00	0
2022-08-27T18:36:57.602Z	4.39E-03	3.50E+01	-3.55E+00	0
2022-08-27T18:37:51.576Z	9.72E-03	3.50E+01	-3.25E+00	0
2022-08-27T18:38:45.550Z	7.49E-03	3.51E+01	-2.42E+00	0
2022-08-27T18:39:39.524Z	9.89E-03	3.51E+01	-3.10E+00	0
2022-08-27T18:40:33.498Z	8.52E-03	3.51E+01	-3.20E+00	0
2022-08-27T18:41:27.472Z	4.44E-03	3.52E+01	-3.32E+00	0
2022-08-27T18:42:21.446Z	4.34E-03	3.53E+01	-3.42E+00	0
2022-08-27T18:43:15.420Z	4.18E-03	3.53E+01	-3.42E+00	0
2022-08-27T18:44:09.394Z	1.87E-03	3.54E+01	-2.76E+00	0
2022-08-27T18:45:03.368Z	4.20E-03	3.54E+01	-3.05E+00	0
2022-08-27T18:45:57.342Z	5.44E-03	3.54E+01	-3.40E+00	0
2022-08-27T18:46:51.316Z	3.86E-03	3.55E+01	-2.90E+00	0
2022-08-27T18:47:45.290Z	3.51E-03	3.56E+01	-2.94E+00	0
2022-08-27T18:48:39.264Z	3.02E-03	3.56E+01	-3.34E+00	0
2022-08-27T18:49:33.238Z	3.82E-03	3.56E+01	-3.00E+00	0
2022-08-27T18:50:27.212Z	4.20E-03	3.57E+01	-2.80E+00	0
2022-08-27T18:51:21.186Z	5.16E-03	3.58E+01	-3.20E+00	0
2022-08-27T18:52:15.160Z	3.69E-03	3.58E+01	-3.24E+00	0
2022-08-27T18:53:09.134Z	5.04E-03	3.59E+01	-3.04E+00	0
2022-08-27T18:54:03.108Z	4.61E-03	3.59E+01	-2.70E+00	0
2022-08-27T18:54:57.082Z	3.80E-03	3.60E+01	-2.58E+00	0
2022-08-27T18:55:51.056Z	3.77E-03	3.60E+01	-3.22E+00	0
2022-08-27T18:56:45.030Z	4.92E-03	3.61E+01	-2.90E+00	0
2022-08-27T18:57:39.004Z	3.89E-03	3.61E+01	-3.68E+00	0
2022-08-27T18:58:32.978Z	5.30E-03	3.62E+01	-3.10E+00	0
2022-08-27T18:59:26.952Z	6.19E-03	3.63E+01	-3.00E+00	0
2022-08-27T19:00:20.926Z	5.30E-03	3.63E+01	-3.93E+00	0
2022-08-27T19:01:14.900Z	2.13E-03	3.64E+01	-3.34E+00	0
2022-08-27T19:02:08.874Z	2.88E-03	3.64E+01	-2.90E+00	0
2022-08-27T19:03:02.848Z	3.55E-03	3.65E+01	-3.50E+00	0
2022-08-27T19:03:56.822Z	4.35E-03	3.66E+01	-3.62E+00	0
2022-08-27T19:04:50.796Z	4.66E-03	3.66E+01	-3.53E+00	0
2022-08-27T19:05:44.770Z	1.67E-03	3.68E+01	-3.54E+00	0

2022-08-27T19:06:38.744Z	2.45E-03	3.68E+01	-3.28E+00	0
2022-08-27T19:07:32.718Z	5.26E-03	3.68E+01	-2.70E+00	0
2022-08-27T19:08:26.692Z	2.02E-04	3.70E+01	-3.20E+00	0
2022-08-27T19:09:20.666Z	9.60E-04	3.71E+01	-3.10E+00	0
2022-08-27T19:10:14.640Z	2.45E-03	3.71E+01	-2.84E+00	0
2022-08-27T19:11:08.614Z	4.69E-03	3.72E+01	-3.12E+00	0
2022-08-27T19:12:02.588Z	3.38E-03	3.73E+01	-3.18E+00	0
2022-08-27T19:12:56.562Z	1.50E-03	3.74E+01	-3.04E+00	0
2022-08-27T19:13:50.536Z	1.22E-03	3.75E+01	-2.83E+00	0
2022-08-27T19:14:44.510Z	2.45E-03	3.75E+01	-3.02E+00	0
2022-08-27T19:15:38.484Z	4.09E-03	3.76E+01	-3.16E+00	0
2022-08-27T19:16:32.458Z	3.12E-03	3.77E+01	-3.35E+00	0
2022-08-27T19:17:26.432Z	3.97E-03	3.77E+01	-3.14E+00	0
2022-08-27T19:18:20.406Z	1.56E-03	3.79E+01	-3.15E+00	0
2022-08-27T19:19:14.380Z	1.47E-03	3.80E+01	-3.00E+00	0
2022-08-27T19:20:08.354Z	1.47E-03	3.80E+01	-3.24E+00	0
2022-08-27T19:21:02.328Z	2.16E-03	3.81E+01	-3.57E+00	0
2022-08-27T19:21:56.302Z	-1.30E-03	3.83E+01	-3.78E+00	0
2022-08-27T19:22:50.276Z	-2.88E-05	3.83E+01	-3.54E+00	0
2022-08-27T19:23:44.250Z	4.56E-04	3.83E+01	-2.70E+00	0
2022-08-27T19:24:38.224Z	5.76E-05	3.84E+01	-3.52E+00	0
2022-08-27T19:25:32.198Z	1.27E-03	3.84E+01	-3.90E+00	0
2022-08-27T19:26:26.172Z	8.64E-05	3.86E+01	-3.08E+00	0
2022-08-27T19:27:20.146Z	-4.80E-04	3.86E+01	-3.38E+00	0
2022-08-27T19:28:14.120Z	8.64E-05	3.87E+01	-3.24E+00	0
2022-08-27T19:29:08.094Z	-5.47E-04	3.88E+01	-3.74E+00	0
2022-08-27T19:30:02.068Z	-1.15E-03	3.89E+01	-3.05E+00	0
2022-08-27T19:30:56.042Z	2.07E-03	3.89E+01	-3.68E+00	0
2022-08-27T19:31:50.016Z	4.58E-03	3.90E+01	-3.44E+00	0
2022-08-27T19:32:43.990Z	-2.64E-04	3.93E+01	-3.55E+00	0
2022-08-27T19:33:37.964Z	-1.32E-03	3.94E+01	-4.38E+00	0
2022-08-27T19:34:31.938Z	-1.22E-03	3.94E+01	-3.60E+00	0
2022-08-27T19:35:25.912Z	-1.50E-03	3.96E+01	-3.58E+00	0
2022-08-27T19:36:19.886Z	-1.12E-03	3.96E+01	-3.58E+00	0
2022-08-27T19:37:13.860Z	-1.49E-03	3.96E+01	-3.00E+00	0
2022-08-27T19:38:07.834Z	3.20E-03	3.96E+01	-4.16E+00	0
2022-08-27T19:39:01.808Z	4.63E-03	3.96E+01	-3.55E+00	0
2022-08-27T19:39:55.782Z	4.00E-03	3.96E+01	-4.14E+00	0
2022-08-27T19:40:49.756Z	3.92E-03	3.97E+01	-3.60E+00	0
2022-08-27T19:41:43.730Z	3.62E-03	3.97E+01	-3.82E+00	0
2022-08-27T19:42:37.704Z	4.72E-03	3.97E+01	-4.12E+00	0
2022-08-27T19:43:31.678Z	3.89E-03	3.98E+01	-3.50E+00	0
2022-08-27T19:44:25.652Z	2.48E-03	3.98E+01	-3.52E+00	0
2022-08-27T19:45:19.626Z	3.05E-03	3.98E+01	-3.84E+00	0
2022-08-27T19:46:13.600Z	3.60E-03	3.98E+01	-4.05E+00	0
2022-08-27T19:47:07.574Z	3.54E-03	3.99E+01	-4.82E+00	0
2022-08-27T19:48:01.548Z	2.45E-03	3.99E+01	-4.50E+00	0
2022-08-27T19:48:55.522Z	2.48E-03	3.99E+01	-3.68E+00	0
2022-08-27T19:49:49.496Z	1.32E-03	3.99E+01	-3.56E+00	0
2022-08-27T19:50:43.470Z	9.12E-04	3.99E+01	-4.15E+00	0
2022-08-27T19:51:37.444Z	3.97E-03	3.98E+01	-4.04E+00	0
2022-08-27T19:52:31.418Z	1.87E-03	3.99E+01	-3.95E+00	0
2022-08-27T19:53:25.392Z	6.05E-04	3.98E+01	-4.10E+00	0

2022-08-27T19:54:19.366Z	3.17E-04	3.98E+01	-3.92E+00	0
2022-08-27T19:55:13.340Z	1.20E-04	3.97E+01	-3.65E+00	0
2022-08-27T19:56:07.314Z	-6.62E-04	3.97E+01	-3.34E+00	0
2022-08-27T19:57:01.288Z	-9.12E-04	3.96E+01	-3.95E+00	0
2022-08-27T19:57:55.262Z	-3.46E-04	3.95E+01	-4.14E+00	0
2022-08-27T19:58:49.236Z	4.26E-03	3.94E+01	-3.44E+00	0
2022-08-27T19:59:43.210Z	6.07E-03	3.94E+01	-4.05E+00	0
2022-08-27T20:00:37.184Z	5.04E-03	3.93E+01	-3.60E+00	0
2022-08-27T20:01:31.158Z	1.73E-03	3.93E+01	-4.00E+00	0
2022-08-27T20:02:25.132Z	3.46E-04	3.93E+01	-3.74E+00	0
2022-08-27T20:03:19.106Z	-3.74E-04	3.93E+01	-3.56E+00	0
2022-08-27T20:04:13.080Z	1.37E-03	3.91E+01	-4.28E+00	0
2022-08-27T20:05:07.054Z	3.34E-03	3.91E+01	-4.42E+00	0
2022-08-27T20:06:01.028Z	2.90E-03	3.91E+01	-3.80E+00	0
2022-08-27T20:06:55.002Z	2.82E-03	3.90E+01	-4.00E+00	0
2022-08-27T20:07:48.976Z	4.38E-03	3.90E+01	-4.34E+00	0
2022-08-27T20:08:42.950Z	2.47E-03	3.90E+01	-3.62E+00	0
2022-08-27T20:09:36.924Z	2.59E-03	3.90E+01	-3.64E+00	0
2022-08-27T20:10:30.898Z	3.12E-03	3.89E+01	-3.95E+00	0
2022-08-27T20:11:24.872Z	3.74E-03	3.89E+01	-3.18E+00	0
2022-08-27T20:12:18.846Z	3.43E-03	3.89E+01	-4.02E+00	0
2022-08-27T20:13:12.820Z	6.55E-03	3.88E+01	-4.27E+00	0
2022-08-27T20:14:06.794Z	4.58E-03	3.87E+01	-3.32E+00	0
2022-08-27T20:15:00.768Z	7.58E-03	3.86E+01	-3.85E+00	0
2022-08-27T20:15:54.742Z	4.46E-03	3.86E+01	-3.68E+00	0
2022-08-27T20:16:48.716Z	2.82E-03	3.85E+01	-3.88E+00	0
2022-08-27T20:17:42.690Z	4.15E-03	3.84E+01	-3.75E+00	0
2022-08-27T20:18:36.664Z	4.26E-03	3.83E+01	-3.60E+00	0
2022-08-27T20:19:30.638Z	2.62E-03	3.83E+01	-4.77E+00	0
2022-08-27T20:20:24.612Z	3.83E-03	3.83E+01	-3.88E+00	0
2022-08-27T20:21:18.586Z	2.74E-03	3.83E+01	-3.80E+00	0



P.O. Box 10640 Bozeman, Montana 59719

(406) 460-0903

TO: Randy Pancheco, APWS; Jim Griswold, NMOCD

FROM: Curtis Shuck, Chairman

DATE: December 28, 2022

RE: Twin Lakes San Andres (TLSA) #005 (30-005-60572) 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 #52100-00000072362 for Orphan Oil & Gas Wells in Chaves County, NM.

The site conditions found at TLSA #005 by the WDF Measure 1 Team on August 26, 2022, at 4:46 P.M. revealed a leaking wellhead with concentrations of explosive 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 21.6-hour Methane Emissions Flow Monitoring Test using Ventbuster™ Instruments VB100-049 Ultra-Low Flow Meter with GPS for site location verification.



Image 1.1 – TLSA #005 (30-005-60572) Chaves County, New Mexico

The findings from the Pre-Plugging Methane Flow Monitoring Test, using Ventbuster™ Instruments VB100-049 Ultra-Low Flow Meter with GPS, resulted in <0.00 cubic meters per day (m³/day) of total measured wellhead emissions over the 21.6-hour period that established an average methane flow rate of 0.00 grams per hour (g/hour). WDF then isolated a 4.5-hour interval measurement within Test ID: ae01ca84, taken during normalized flow, that resulted in an average methane flow rate of <0.00 m³/d and <0.01 g/hour. A composite gas sample was collected at the wellhead by WDF during the methane flow test beginning on August 26, 2022, and at the end of the methane flow test on August 27, 2022, approximately 21.6-hours later. Methane gas concentration levels were measured at 0.00 ppm, pursuant to Test ID 2022057488 performed by Laboratory Services of Hobbs, NM on August 31, 2022, at 11:31 P.M. Therefore, the average methane gas emission measured at this wellhead is calculated at **0.00 grams per hour (g/hour)**.¹ The peak gas emission was recorded at 9:51 A.M. on August 27, 2022 with a 0.01 m³/d, well after the flow had stabilized, and would indicate that

¹ Methane Calculation: 554 grams CH₄ per cubic meter (554 x 0.00 = 0.00 g/day total /24 = 0.00 g/hour x 0.001050 (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 has a higher emission rate potential of greater than 0.00 grams per hour (g/hour) however, still below of 1.00 grams per hour (g/hour) reporting threshold.

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.



Test Report

Start Date: Friday, August 26th, 2022, 4:46 PM MDT	Test Operator: DJF
End Date: Saturday, August 27th, 2022, 2:22 PM MDT	Authorized By: NMOCD
Device: VB100-0049	Test Reason: PRE PLUG
Well Licensee: NMOCD	Scope Of Work: 12-Hour
Well Name: TWIN LAKES 005	AFE Number: NMOCD038AA/APWS22.001
UWI: 30-005-60572	GPS: 33.58826,-104.03201
Well License Number: 30-005-60572	Notes: GTG
Surface Location: Private	
Bottom Hole Location: UNKNOWN	

Flow Test

Average Flowrate 0.00 m3/d <0.00 g/ hour	Average Flow Temperature 27.6 °C	Average Flow Pressure -2.2 kPag	Flow Duration 21.6 hours
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Image 2.1 – Tlsa #005 (30-005-60572) Methane Monitoring Dashboard

BACKGROUND

The Twin Lakes San Andres #005 (30-005-60572) Orphan Well is located in Chaves County, NM at Latitude 33.588214766666674, Longitude -104.0319776 was measured and monitored by the WDF Field Team on 8/26-27/2022 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).

Well Site	
Info	Well File Images Well Data Regulatory Field Notes Live Data View Access Remove Well
Name	TWIN LAKES SAN ANDRES UNIT #005
Stage	
GPS	33.588214766666674 ✓ -104.0319776 ✓
API#	30-005-60572
Contract ID:	52100-0000072362 / 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 valve and at the casing port at the beginning of the Flow Test at approximately 4:46 P.M MDT on 8.26.2022 as the well was being prepared for the Preliminary Flow Measurement. Gas Sample #2 was collected in the same 1 Liter Tedlar Bag on 8.27.2022 before the Preliminary Flow Test was concluded 2:22 P.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 VB100-049 Continuous Ultra-Low Flow Meter with GPS for testing site confirmation for a minimum 12-Hour Methane Emission Test and began Test ID: ae01ca84, verifying a cellular signal, cloud link and GPS coordinates on August 26, 2022.

WDF returned to location on 8.27.2022 (approximately 21.6-hours) to conclude the Pre-Plugging Methane Emission Flow Test and rig the VB100-049 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

Twin Lakes San Andres #005 (30-005-60572):

- **Total C1 through C6 Gas Concentration: 8,870 ppm**
- **Total Measured Wellhead Gas Emissions: 0.16 m3/day**
- **Methane Gas Concentration: 0.0 ppm**
- **Calculated Average Wellhead Methane Gas Emissions: 0.00 g/hour**
- **Peak Methane Flow Measured at: 0.00 g/hour**



Image 4.1 – TLSA #005 (30-005-60572) Methane Flow/Pressure/Temperature Timeseries & Peak Flow at Interval #1 testing period of 4.5-hours.

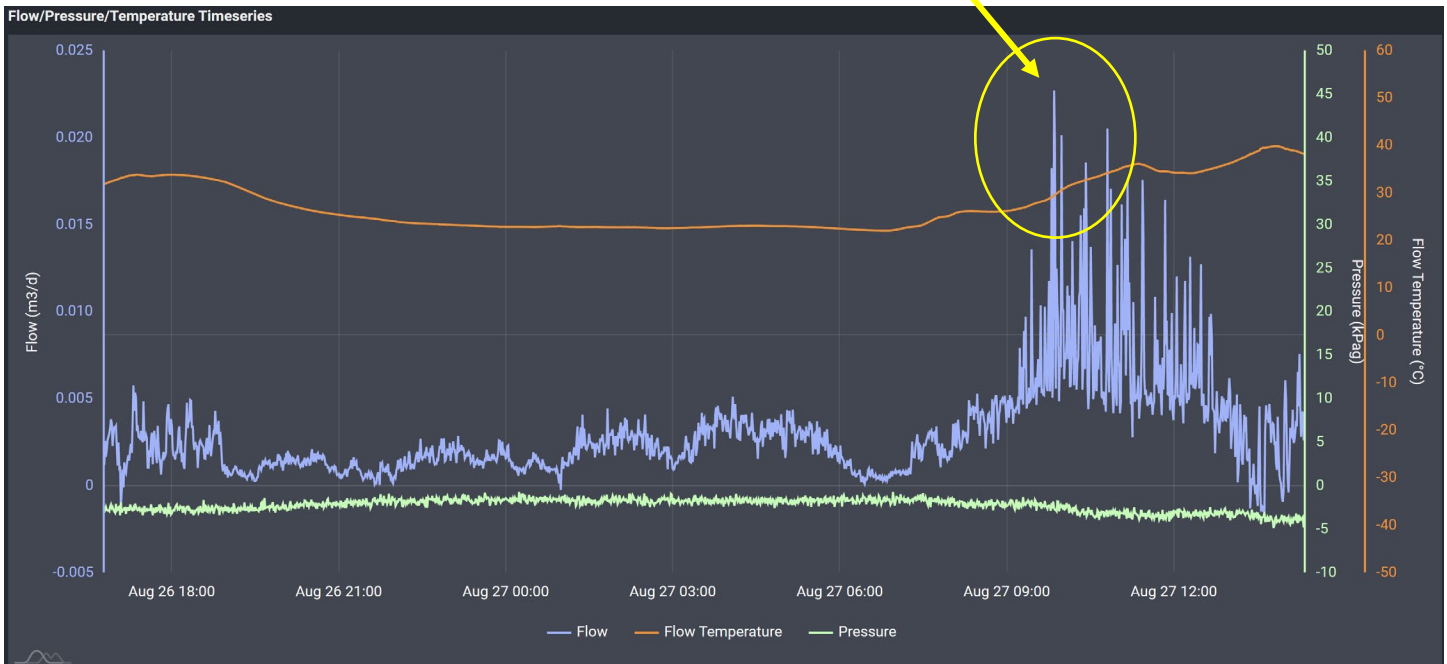


Image 4.2 – TLSA #005 (30-005-60572) Methane Flow/Pressure/Temperature Timeseries & Peak Flow for entire testing period of 21.6-hours.

CONCLUSIONS

- The Twin Lakes San Andres #005 (30-005-60572) is currently emitting no trace amounts of Methane at the wellhead and is therefore 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 Gas Flow Peak at 0.03 m3/day recorded at 09:51 P.M on August 27, 2022, which indicates a higher potential for gas emissions that could exceed the Federal minimum threshold at some point in the future, therefore plugging of this well however should be a priority in the NMOCD schedule.

FIELD NOTES

#	Date	Note
1	2022-08-26	ces: WDF Measure 1 on location of the TLSA #005 at approximately 4:30 PM. Updated GOS coordinates. Took site photos. Collected gas Sample #1. Rig up VB100-049 for a Methane Flow Test and start test.
2	2022-08-27	ces: WDF Measure 1 back to location at approximately 2:00 PM to collect gas sample #2 and conclude Methane Flow Test. Rig down VB100-049. Secure location and place green ribbon to indicate testing complete. WILDCAT OUT!

Image 5.1 – TLSA #005 (30-005-60572) Field Notes from WDF Well Intel™ Orphan Well Project Management IoT



1) TLSA #005 (30-005-60572) - North Facing



2) TLSA #005 (30-005-60572) - East Facing



3) TLSA #005 (30-005-60572) - Methane Flow Test Rig Up



4) TLSA #005 (30-005-60572) - Completed



Test Report

Start Date: Friday, August 26th, 2022, 4:46 PM MDT	Test Operator: DJF
End Date: Saturday, August 27th, 2022, 2:22 PM MDT	Authorized By: NMOCD
Device: VB100-0049	Test Reason: PRE PLUG
Well Licensee: NMOCD	Scope Of Work: 12-Hour
Well Name: TWIN LAKES 005	AFE Number: NMOCD038AA/APWS22.001
UWI: 30-005-60572	GPS: 33.58826,-104.03201
Well License Number: 30-005-60572	Notes: GTG
Surface Location: Private	
Bottom Hole Location: UNKNOWN	

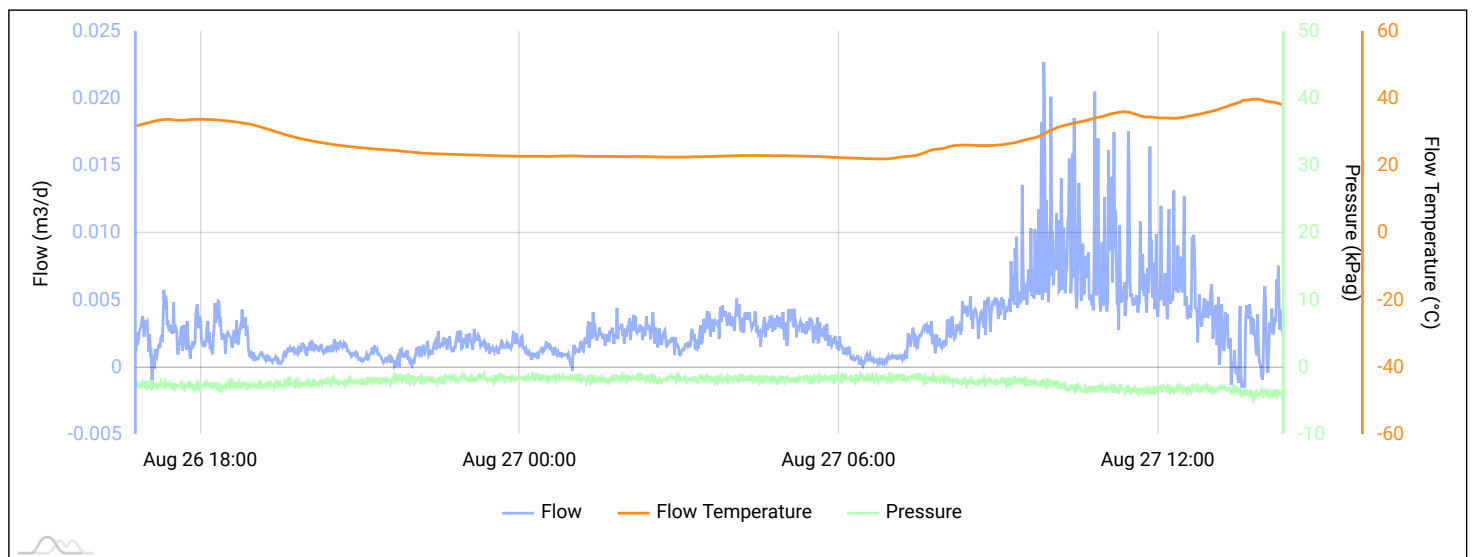
Flow Test

Average Flowrate 0.00 m3/d <0.00 g/ hour	Average Flow Temperature 27.6 °C	Average Flow Pressure -2.2 kPag	Flow Duration 21.6 hours
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Pressure Test

Maximum Shut-In Pressure --	Last 24Hr Average Shut-In Pressure -- <small>*Displays after 24hrs of stabilized shut-in pressure</small>	Extrapolated Shut-In Pressure -- <small>*Only valid for an unstable shut-in pressure</small>	Shut-in Pressure Duration 0.0 hours
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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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P.O. Box 10640 Bozeman, Montana 59719

(406) 460-0903

TO: Randy Pancheco, APWS; Jim Griswold, NMOCD

FROM: Curtis Shuck, Chairman

DATE: December 28, 2022

RE: Twin Lakes San Andres (TLSA) #005 (30-005-60572) 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 #52100-00000072362 for Orphan Oil & Gas Wells in Chaves County, NM.

The site conditions found at TLSA #005 by the WDF Measure 1 Team on August 26, 2022, at 4:46 P.M. revealed a leaking wellhead with concentrations of explosive 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 21.6-hour Methane Emissions Flow Monitoring Test using Ventbuster™ Instruments VB100-049 Ultra-Low Flow Meter with GPS for site location verification.



Image 1.1 – TLSA #005 (30-005-60572) Chaves County, New Mexico

The findings from the Pre-Plugging Methane Flow Monitoring Test, using Ventbuster™ Instruments VB100-049 Ultra-Low Flow Meter with GPS, resulted in <0.00 cubic meters per day (m³/day) of total measured wellhead emissions over the 21.6-hour period that established an average methane flow rate of 0.00 grams per hour (g/hour). WDF then isolated a 4.5-hour interval measurement within Test ID: ae01ca84, taken during normalized flow, that resulted in an average methane flow rate of <0.00 m³/d and <0.01 g/hour. A composite gas sample was collected at the wellhead by WDF during the methane flow test beginning on August 26, 2022, and at the end of the methane flow test on August 27, 2022, approximately 21.6-hours later. Methane gas concentration levels were measured at 0.00 ppm, pursuant to Test ID 2022057488 performed by Laboratory Services of Hobbs, NM on August 31, 2022, at 11:31 P.M. Therefore, the average methane gas emission measured at this wellhead is calculated at **0.00 grams per hour (g/hour)**.¹ The peak gas emission was recorded at 9:51 A.M. on August 27, 2022 with a 0.01 m³/d, well after the flow had stabilized, and would indicate that

¹ Methane Calculation: 554 grams CH₄ per cubic meter (554 x 0.00 = 0.00 g/day total /24 = 0.00 g/hour x 0.001050 (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 has a higher emission rate potential of greater than 0.00 grams per hour (g/hour) however, still below of 1.00 grams per hour (g/hour) reporting threshold.

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.



Test Report

Start Date: Friday, August 26th, 2022, 4:46 PM MDT	Test Operator: DJF
End Date: Saturday, August 27th, 2022, 2:22 PM MDT	Authorized By: NMOCD
Device: VB100-0049	Test Reason: PRE PLUG
Well Licensee: NMOCD	Scope Of Work: 12-Hour
Well Name: TWIN LAKES 005	AFE Number: NMOCD038AA/APWS22.001
UWI: 30-005-60572	GPS: 33.58826,-104.03201
Well License Number: 30-005-60572	Notes: GTG
Surface Location: Private	
Bottom Hole Location: UNKNOWN	

Flow Test

Average Flowrate 0.00 m3/d <0.00 g/ hour	Average Flow Temperature 27.6 °C	Average Flow Pressure -2.2 kPag	Flow Duration 21.6 hours
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Image 2.1 – TLSA #005 (30-005-60572) Methane Monitoring Dashboard

BACKGROUND

The Twin Lakes San Andres #005 (30-005-60572) Orphan Well is located in Chaves County, NM at Latitude 33.588214766666674, Longitude -104.0319776 was measured and monitored by the WDF Field Team on 8/26-27/2022 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).

Well Site	
Info	Well File Images Well Data Regulatory Field Notes Live Data View Access Remove Well
Name	TWIN LAKES SAN ANDRES UNIT #005
Stage	
GPS	33.588214766666674 ✓ -104.0319776 ✓
API#	30-005-60572
Contract ID:	52100-0000072362 / 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 valve and at the casing port at the beginning of the Flow Test at approximately 4:46 P.M MDT on 8.26.2022 as the well was being prepared for the Preliminary Flow Measurement. Gas Sample #2 was collected in the same 1 Liter Tedlar Bag on 8.27.2022 before the Preliminary Flow Test was concluded 2:22 P.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 VB100-049 Continuous Ultra-Low Flow Meter with GPS for testing site confirmation for a minimum 12-Hour Methane Emission Test and began Test ID: ae01ca84, verifying a cellular signal, cloud link and GPS coordinates on August 26, 2022.

WDF returned to location on 8.27.2022 (approximately 21.6-hours) to conclude the Pre-Plugging Methane Emission Flow Test and rig the VB100-049 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

Twin Lakes San Andres #005 (30-005-60572):

- **Total C1 through C6 Gas Concentration: 8,870 ppm**
- **Total Measured Wellhead Gas Emissions: 0.16 m3/day**
- **Methane Gas Concentration: 0.0 ppm**
- **Calculated Average Wellhead Methane Gas Emissions: 0.00 g/hour**
- **Peak Methane Flow Measured at: 0.00 g/hour**



Image 4.1 – TLSA #005 (30-005-60572) Methane Flow/Pressure/Temperature Timeseries & Peak Flow at Interval #1 testing period of 4.5-hours.

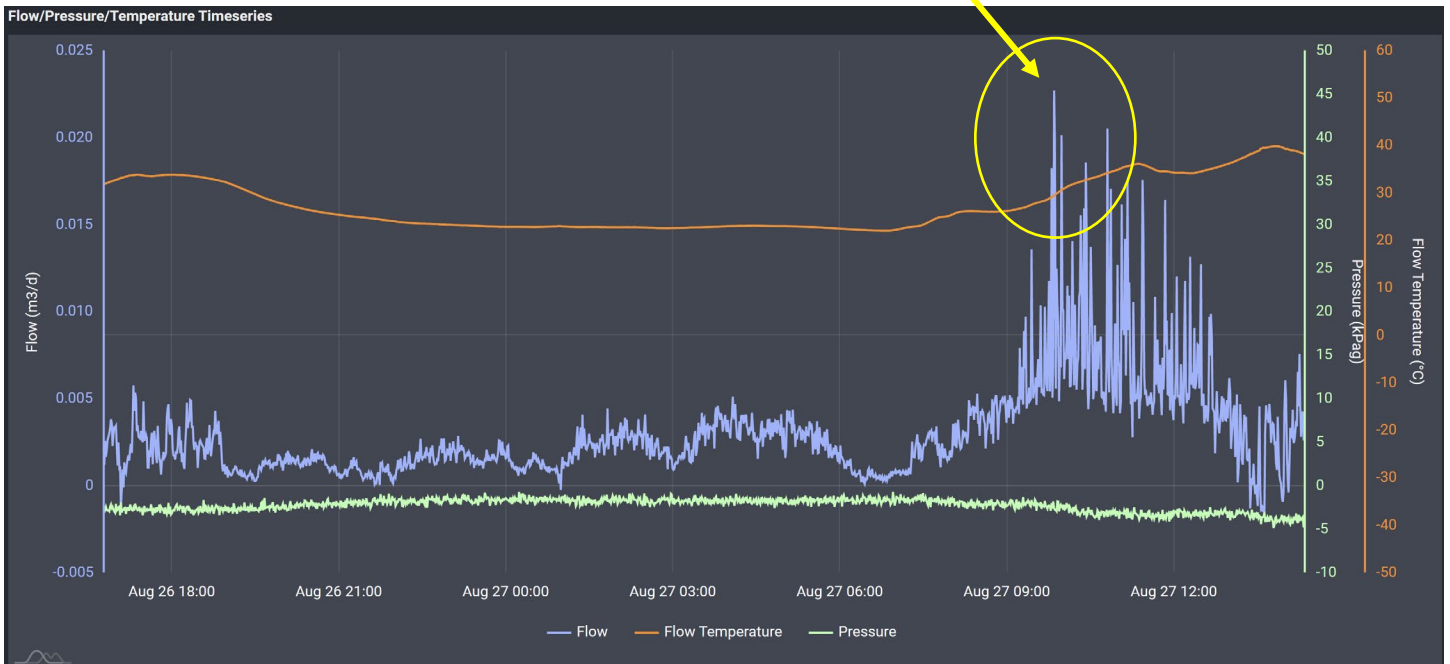


Image 4.2 – TLSA #005 (30-005-60572) Methane Flow/Pressure/Temperature Timeseries & Peak Flow for entire testing period of 21.6-hours.

CONCLUSIONS

- The Twin Lakes San Andres #005 (30-005-60572) is currently emitting no trace amounts of Methane at the wellhead and is therefore 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 Gas Flow Peak at 0.03 m3/day recorded at 09:51 P.M on August 27, 2022, which indicates a higher potential for gas emissions that could exceed the Federal minimum threshold at some point in the future, therefore plugging of this well however should be a priority in the NMOCD schedule.

FIELD NOTES

#	Date	Note
1	2022-08-26	ces: WDF Measure 1 on location of the TLSA #005 at approximately 4:30 PM. Updated GOS coordinates. Took site photos. Collected gas Sample #1. Rig up VB100-049 for a Methane Flow Test and start test.
2	2022-08-27	ces: WDF Measure 1 back to location at approximately 2:00 PM to collect gas sample #2 and conclude Methane Flow Test. Rig down VB100-049. Secure location and place green ribbon to indicate testing complete. WILDCAT OUT!

Image 5.1 – TLSA #005 (30-005-60572) Field Notes from WDF Well Intel™ Orphan Well Project Management IoT



1) TLSA #005 (30-005-60572) - North Facing



2) TLSA #005 (30-005-60572) - East Facing



3) TLSA #005 (30-005-60572) - Methane Flow Test Rig Up



4) TLSA #005 (30-005-60572) - Completed

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 174393

QUESTIONS

Operator: BLUE SKY NM, INC. 7941 Katy Freeway Houston, TX 77024	OGRID: 300825
	Action Number: 174393
	Action Type: [UF-OMA] Pre-Plug Methane Monitoring (UF-OMA-MMA)

QUESTIONS

Prerequisites	
[OGRID] Well Operator	[300825] BLUE SKY NM, INC.
[API] Well Name and Number	[30-005-60572] TWIN LAKES SAN ANDRES UNIT #005
Well Status	Active

Monitoring Event Information	
Reason For Filing	Pre-Plug Methane Monitoring
Date of monitoring	08/26/2022

Monitoring Event Details	
Flow rate in cubic meters per day (m ³ /day)	0.00
Test duration in hours (hr)	21.6
Average flow temperature in degrees Celsius (°C)	27.6
Average gauge flow pressure in kilopascals (kPag)	-2.2
Methane concentration in part per million (ppm)	0
Methane emission rate in grams per hour (g/hr)	0.00
Testing Method	ACR Steady State Chamber using Ventbuster Instruments

Monitoring Contractor	
Name of monitoring contractor	Well Done Foundation, Inc.