Gas Mapping LiDAR™

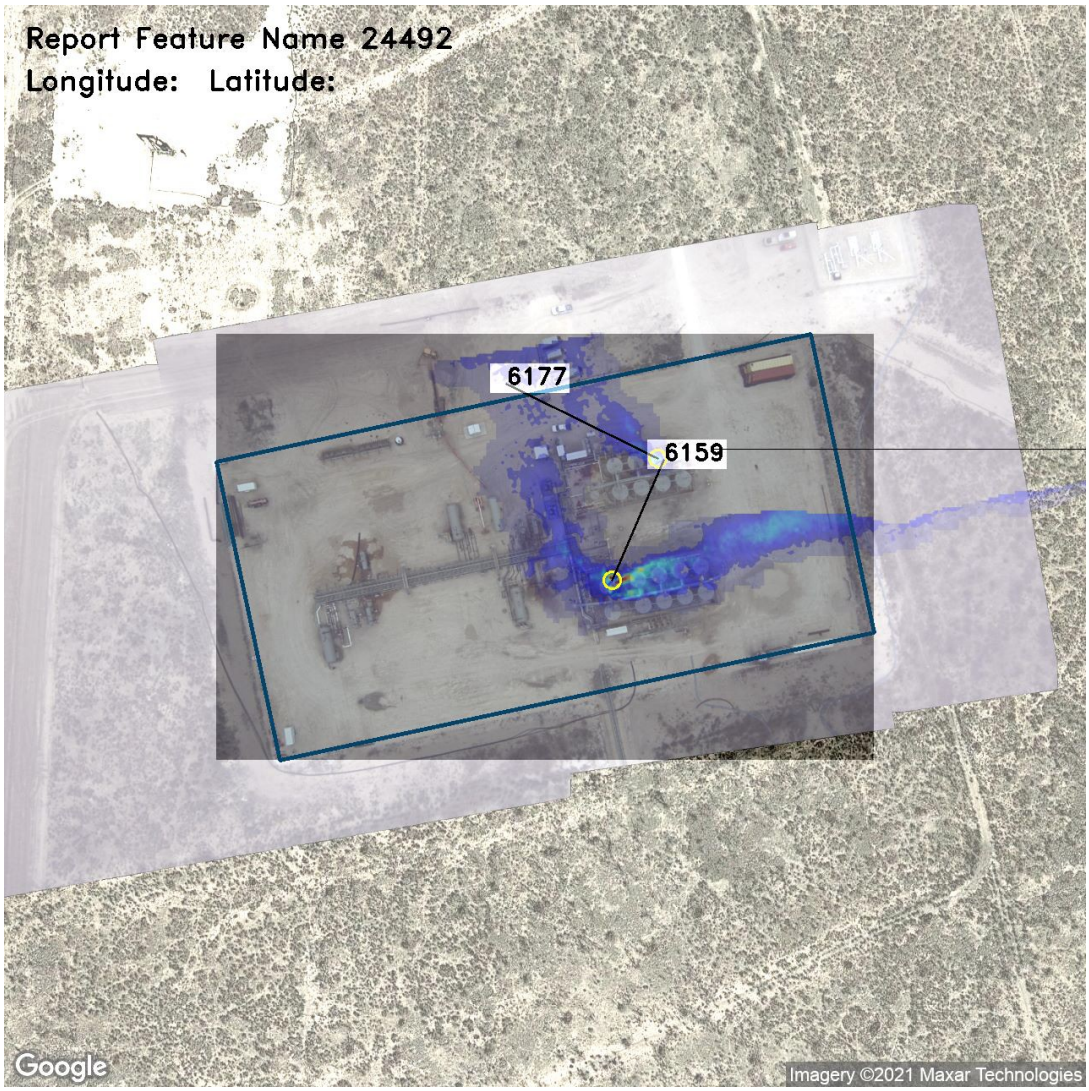
COMPANY: ExxonMobil
REPRESENTATIVE: Heather Child
JOB NAME: XOM0002
REPORT CREATED: 02/26/2021

Survey: Methane Emissions Mapping
Report: XOM0002 Generalized Report
Processing Lead: Aaron Kreitinger
Location: Midland, Texas
Date Range: 01/27/2020 – 01/31/2020
Sensor: Gas Mapping LiDAR – SN0001
Aerial Service Provider: American Patrols, Inc.
Aircraft: Cessna 172
Time Zone: (UTC) Coordinated Universal Time

Bridger Photonics, Inc. Contact:
Ben Losby <Ben.Losby@bridgerphotonics.com>
2310 University Way, Bldg 4–4
Bozeman MT, 59715
Direct Sales: 406–522–3766

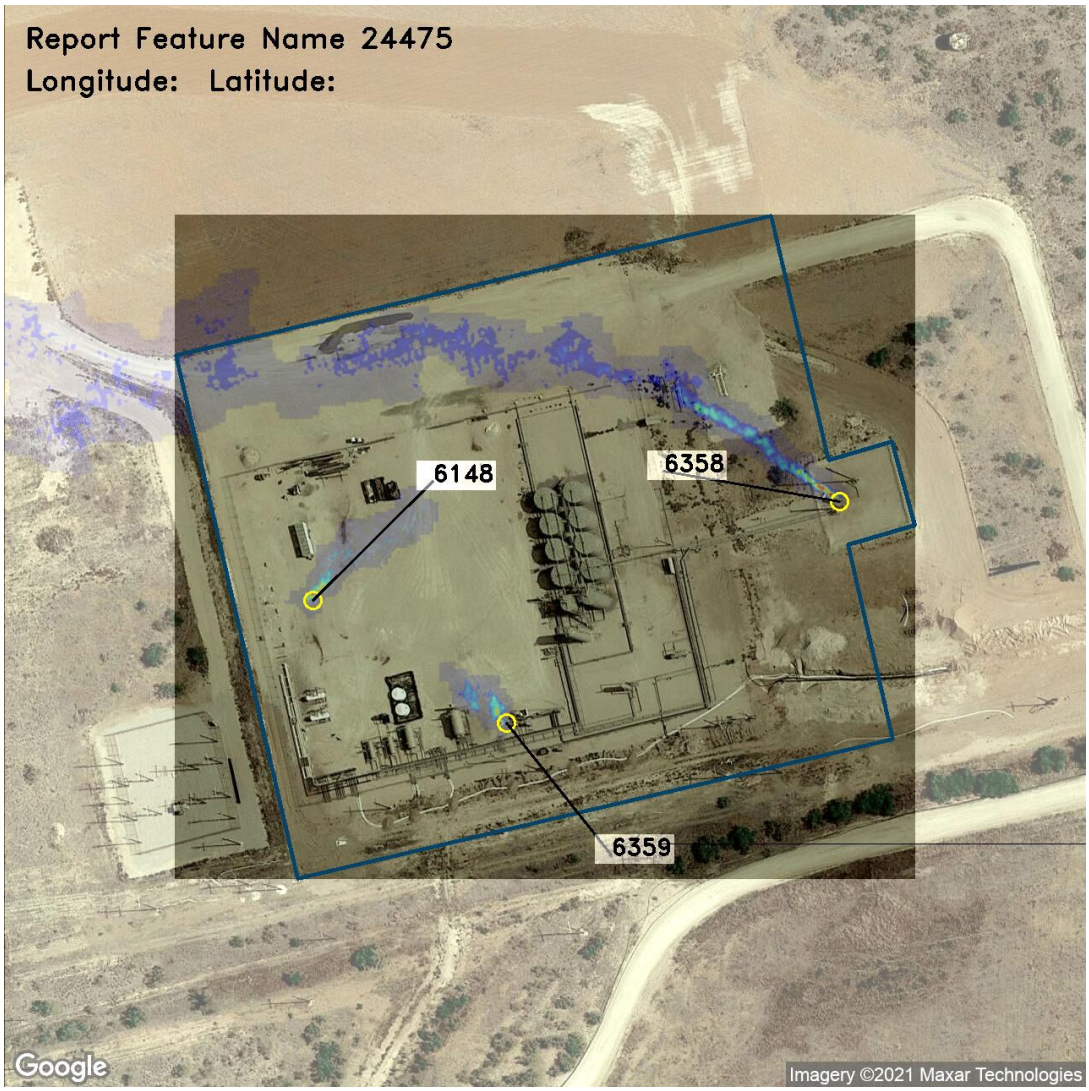
transforming the way methane leaks are discovered and managed

Report Feature Name 24492



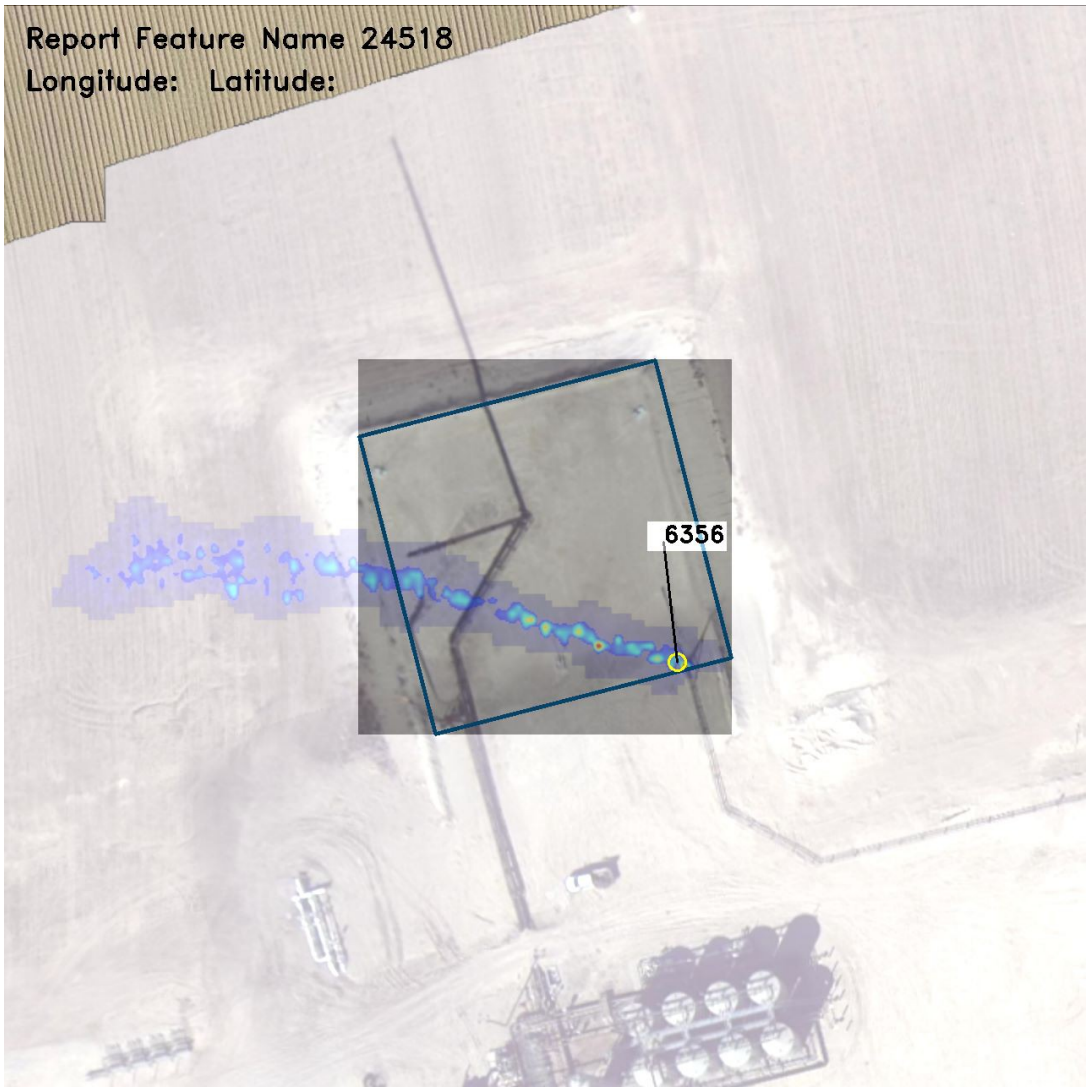
Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6159	27-Jan-2020 19:31:41	Yes	2449		
6159	27-Jan-2020 19:32:41	No	NaN		
6159	30-Jan-2020 20:03:41	No	NaN		
6159	30-Jan-2020 20:05:11	Yes	358		
6177	27-Jan-2020 19:32:41	No	NaN		
6177	30-Jan-2020 20:05:11	Yes	329		

Report Feature Name 24475



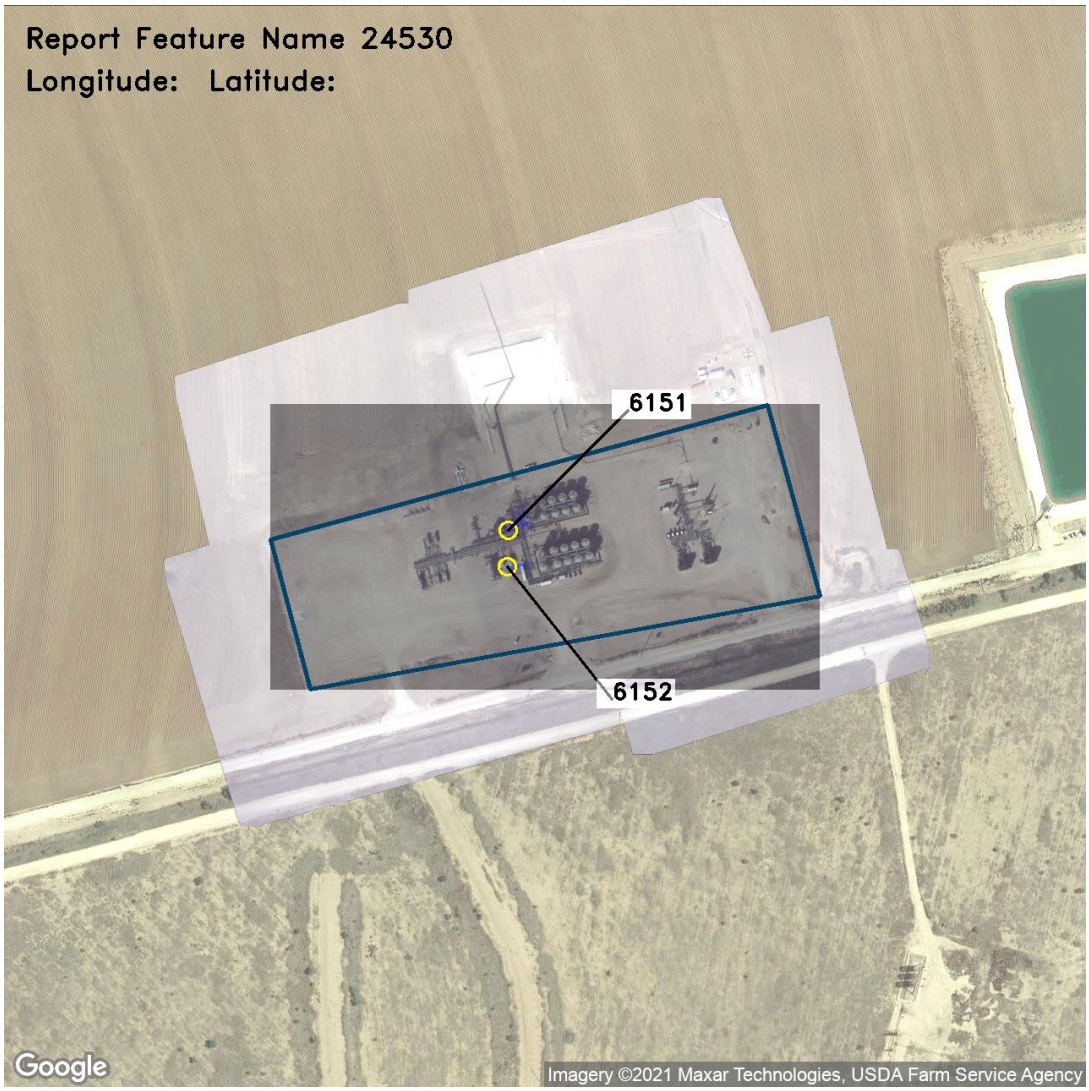
Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6148	27-Jan-2020 17:52:00	Yes	204		
6148	27-Jan-2020 17:53:00	Yes	119		
6148	29-Jan-2020 20:24:26	No	NaN		
6148	29-Jan-2020 20:25:27	No	NaN		
6358	27-Jan-2020 17:53:00	No	NaN		
6358	29-Jan-2020 20:23:56	Yes	783		
6358	29-Jan-2020 20:25:27	Yes	1069		
6359	27-Jan-2020 17:53:00	Yes	167		
6359	29-Jan-2020 20:25:27	Yes	229		

Report Feature Name 24518



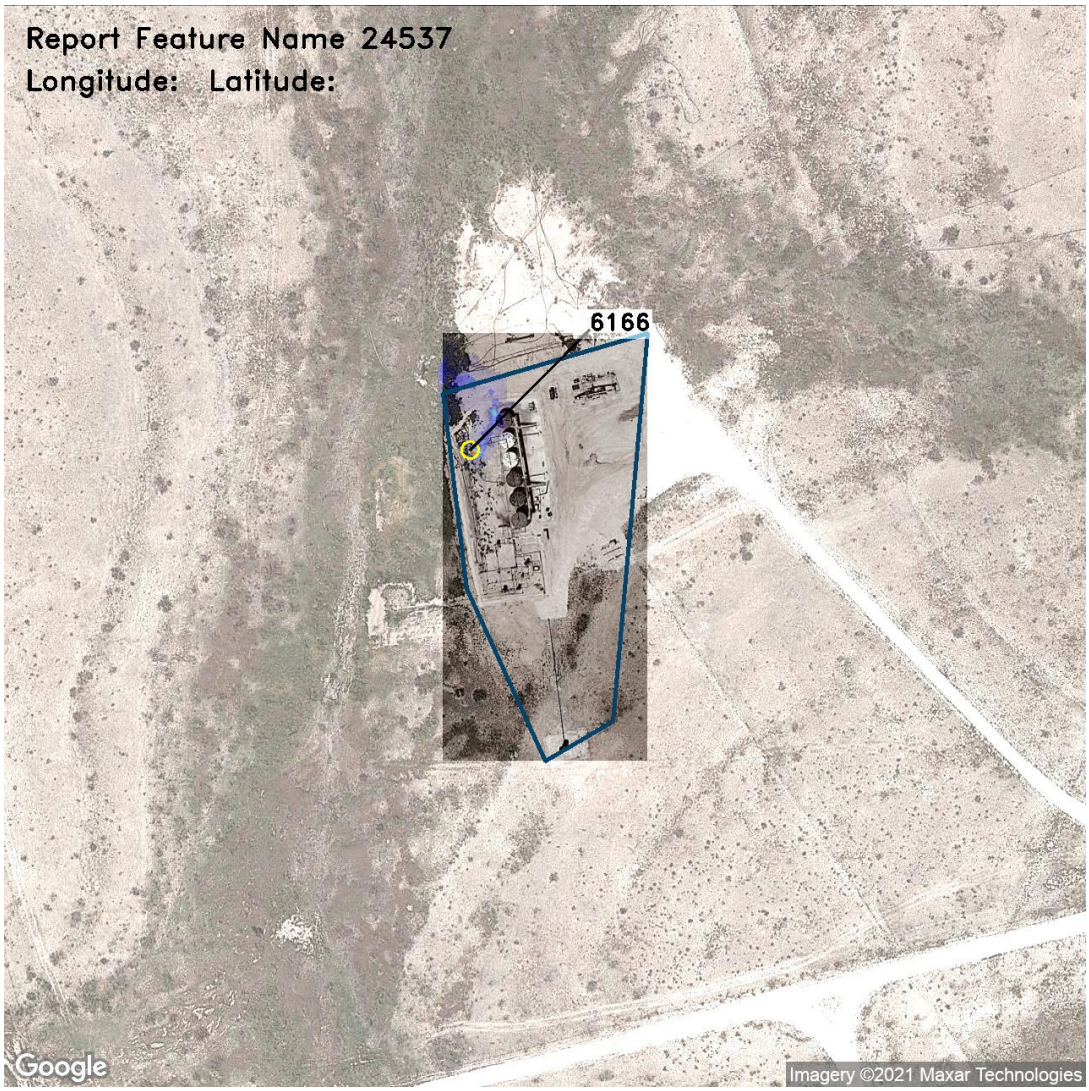
Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6356	27-Jan-2020 17:51:00	No	NaN		
6356	29-Jan-2020 20:23:26	Yes	248		

Report Feature Name 24530



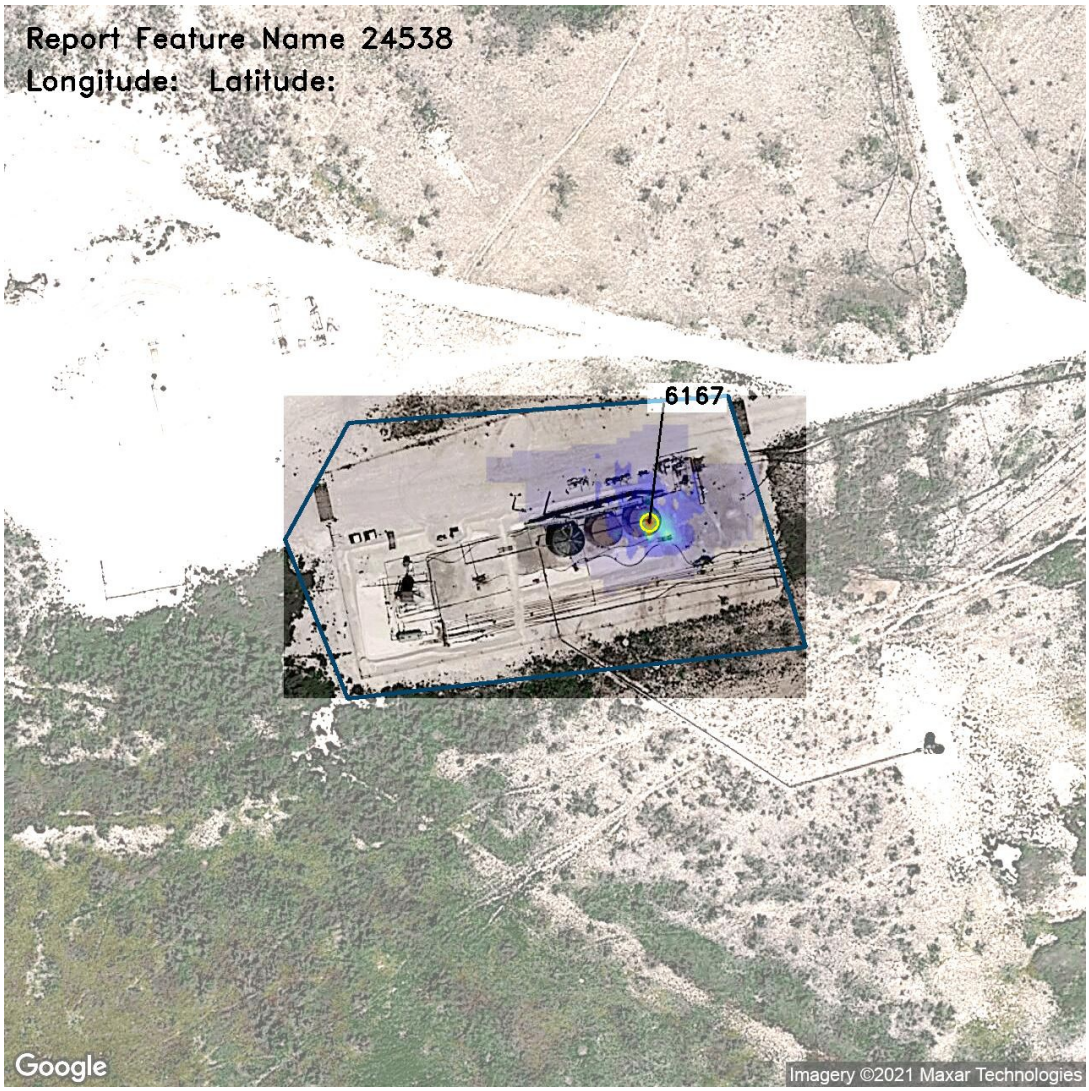
Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6151	27-Jan-2020 17:53:30	Yes	568		
6151	29-Jan-2020 20:25:57	No	NaN		
6152	27-Jan-2020 17:53:30	No	NaN		
6152	27-Jan-2020 17:55:00	Yes	NaN		
6152	29-Jan-2020 20:25:57	No	NaN		

Report Feature Name 24537



Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6166	27-Jan-2020 18:52:37	No	NaN		
6166	29-Jan-2020 21:21:37	No	NaN		
6166	30-Jan-2020 19:27:40	Yes	175		
6166	30-Jan-2020 19:28:40	Yes	110		

Report Feature Name 24538

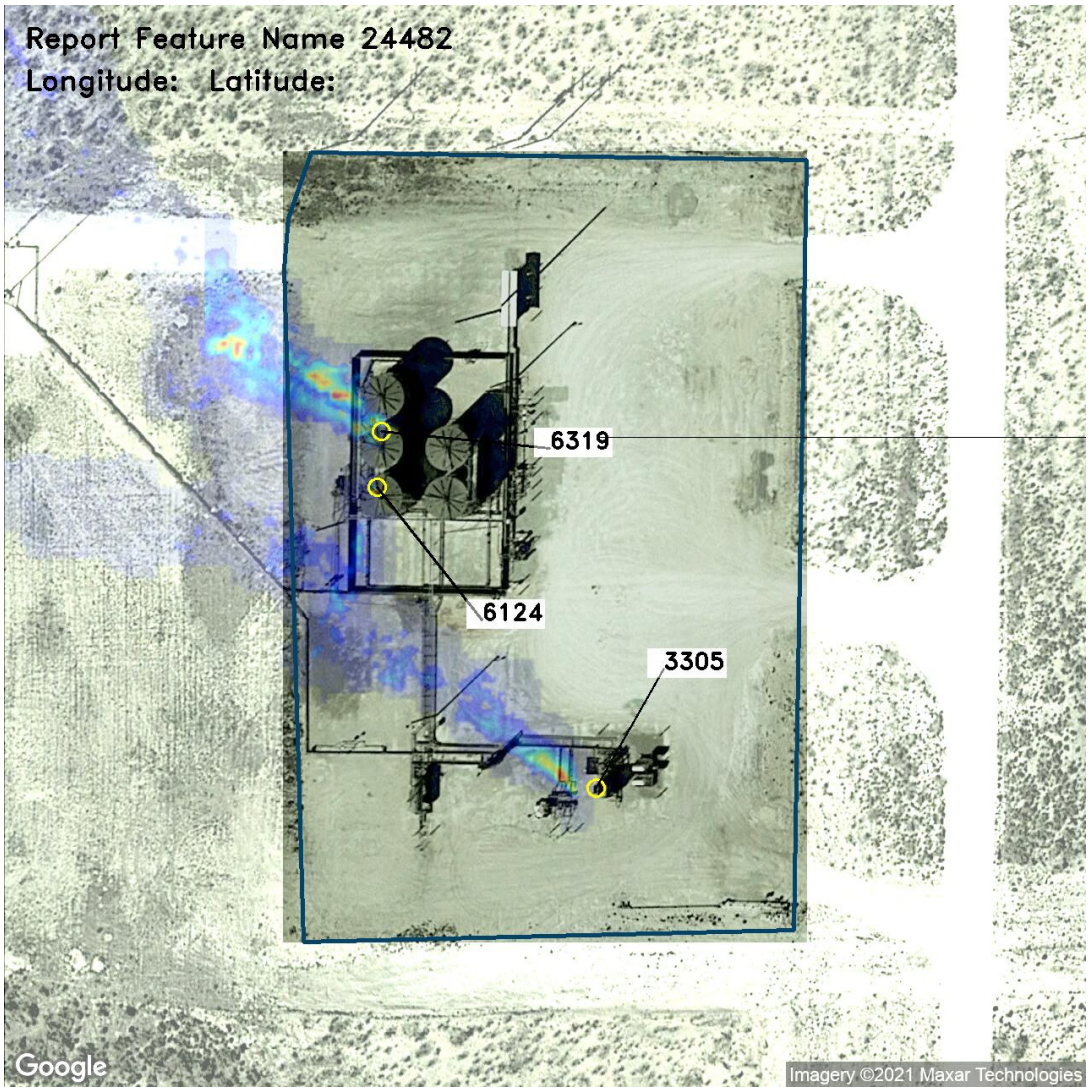


Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6167	27-Jan-2020 18:53:37	No	NaN		
6167	30-Jan-2020 19:29:40	Yes	NaN		

Report Feature Name 24575

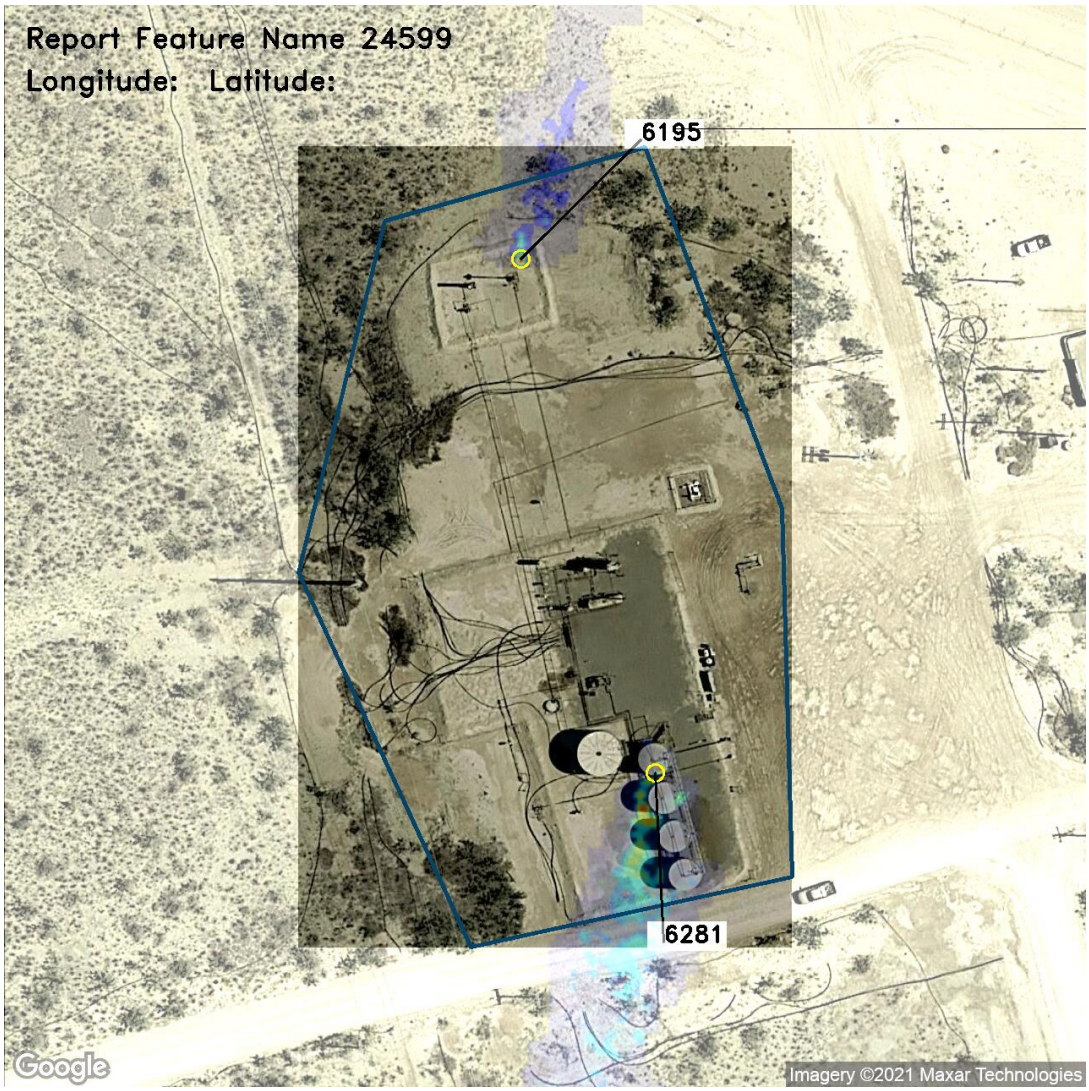
Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
338	29-Jan-2020 16:04:42	No	NaN		
338	29-Jan-2020 16:05:42	No	NaN		
338	30-Jan-2020 22:18:14	Yes	NaN		

Report Feature Name 24482



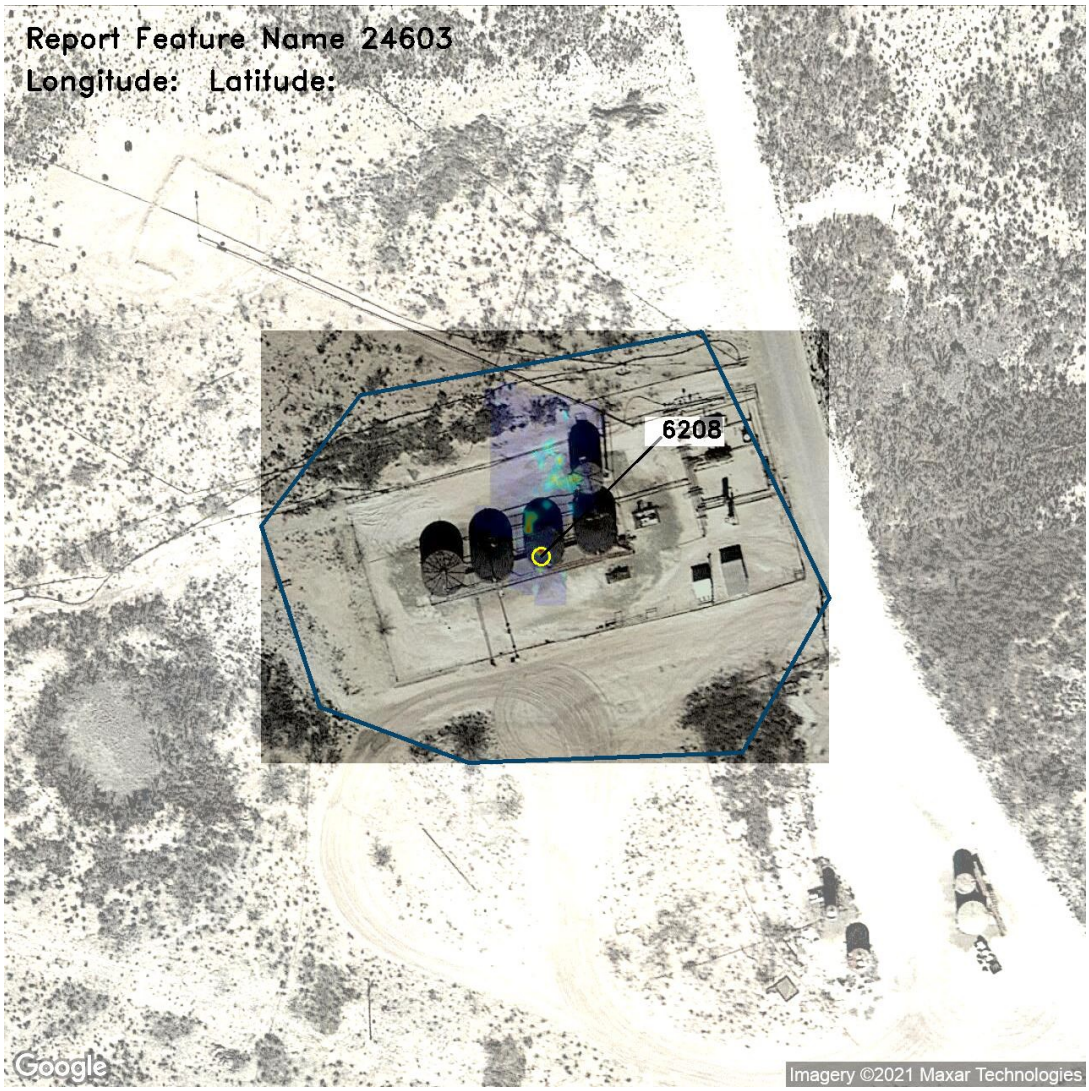
Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
3305	29-Jan-2020 17:46:37	Yes	558		
3305	29-Jan-2020 17:48:09	Yes	409		
3305	31-Jan-2020 14:35:32	Yes	439		
3305	31-Jan-2020 14:36:33	Yes	444		
3305	31-Jan-2020 14:39:04	Yes	817		
6124	29-Jan-2020 17:46:37	No	NaN		
6124	29-Jan-2020 17:47:38	No	NaN		
6124	31-Jan-2020 14:35:32	No	NaN		
6124	31-Jan-2020 14:36:33	No	NaN		
6124	31-Jan-2020 14:38:34	Yes	318		
6319	29-Jan-2020 17:46:37	Yes	649		
6319	29-Jan-2020 17:48:09	Yes	613		
6319	31-Jan-2020 14:35:32	No	NaN		
6319	31-Jan-2020 14:36:33	No	NaN		

Report Feature Name 24599



Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6195	29-Jan-2020 14:21:02	No	NaN		
6195	29-Jan-2020 14:22:02	No	NaN		
6195	30-Jan-2020 20:33:12	No	NaN		
6195	30-Jan-2020 20:34:42	Yes	80		
6281	29-Jan-2020 14:21:02	No	NaN		
6281	29-Jan-2020 14:22:02	Yes	65		
6281	30-Jan-2020 20:33:12	No	NaN		

Report Feature Name 24603

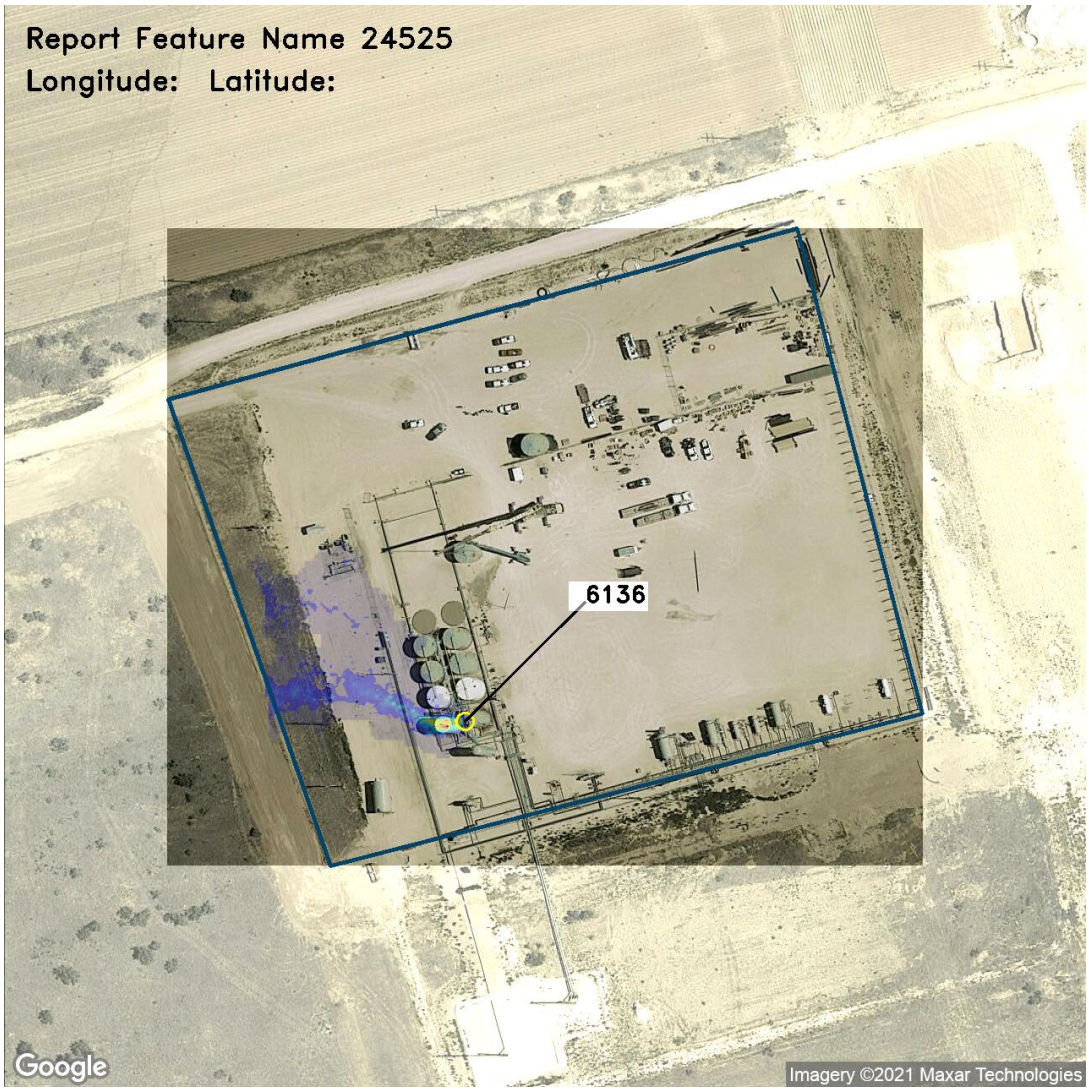


Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6208	29-Jan-2020 15:02:24	No	NaN		
6208	30-Jan-2020 21:15:12	Yes	56		

Report Feature Name 24604

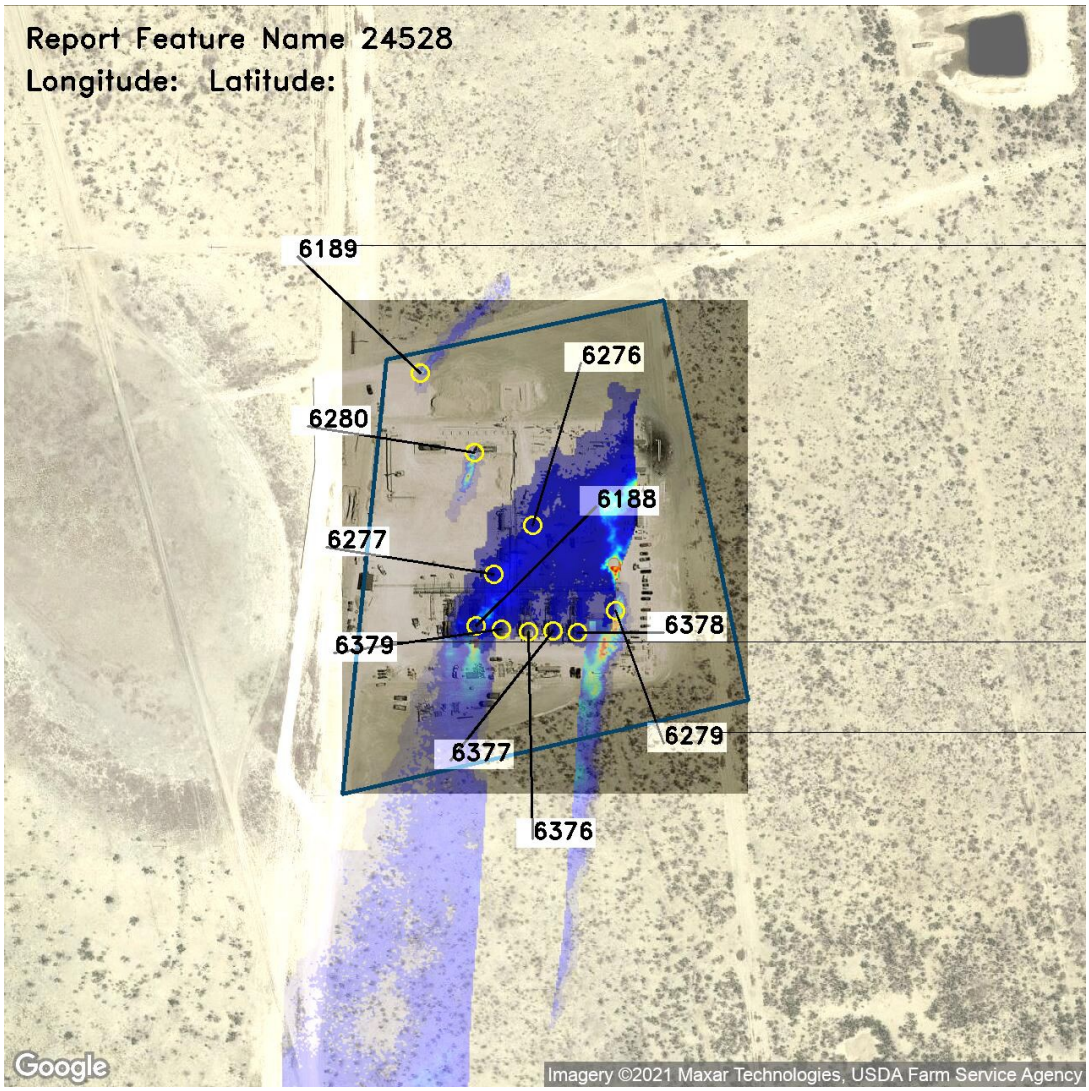
Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6206	29-Jan-2020 14:36:35	Yes	36		
6206	29-Jan-2020 14:38:05	Yes	49		
6206	30-Jan-2020 20:52:12	Yes	71		
6206	30-Jan-2020 20:53:42	Yes	47		

Report Feature Name 24525



Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6136	27-Jan-2020 17:23:56	Yes	455		
6136	29-Jan-2020 19:53:51	Yes	1055		

Report Feature Name 24528



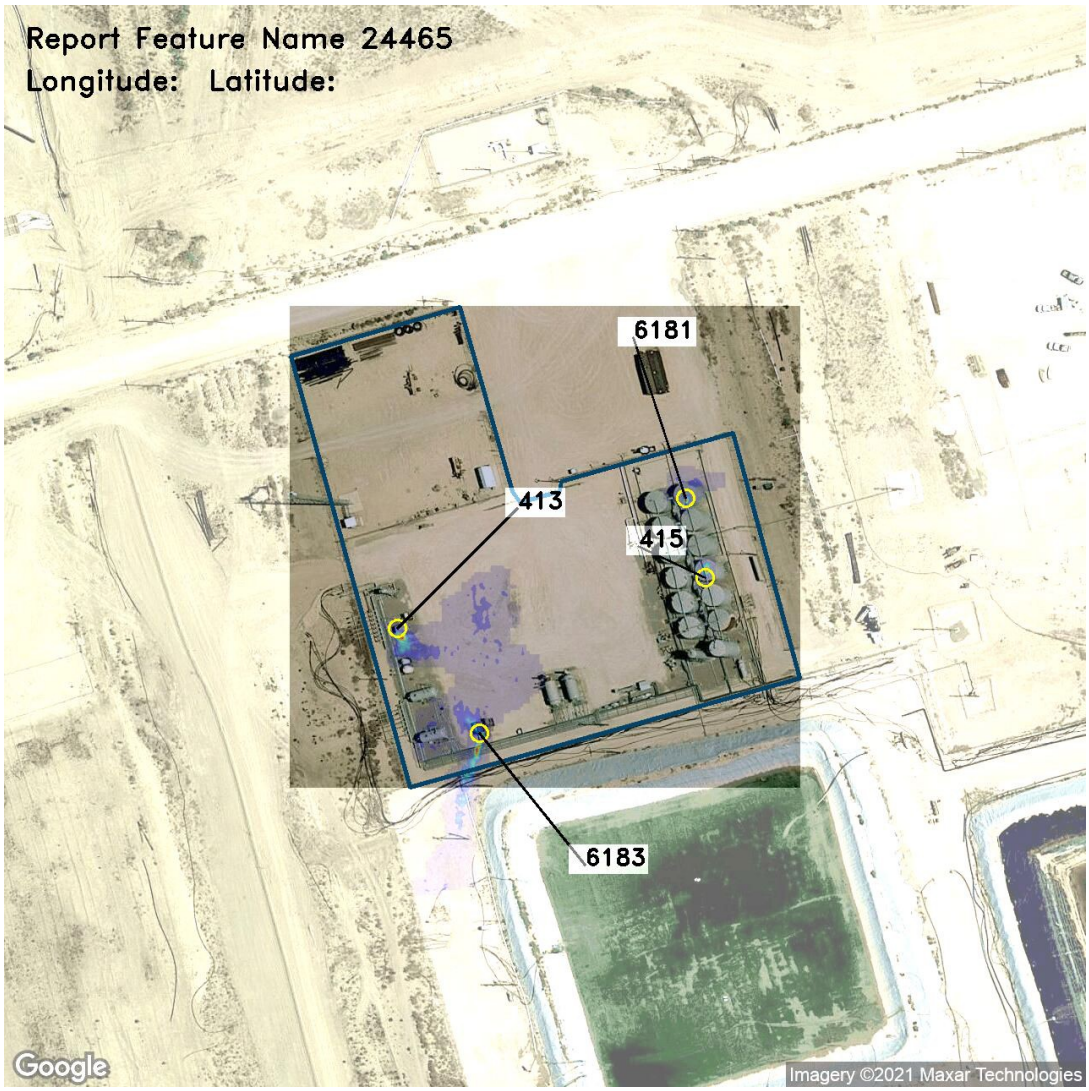
Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6188	29-Jan-2020 14:18:32	Yes	1195		
6188	29-Jan-2020 14:20:02	Yes	1500		
6188	30-Jan-2020 20:28:41	Yes	NaN		
6188	30-Jan-2020 20:30:12	Yes	NaN		
6189	29-Jan-2020 14:20:02	Yes	181		
6189	30-Jan-2020 20:28:41	Yes	139		
6276	29-Jan-2020 14:18:32	Yes	23		
6276	30-Jan-2020 20:30:12	No	NaN		
6277	29-Jan-2020 14:18:32	Yes	29		
6277	29-Jan-2020 14:20:02	Yes	14		
6277	30-Jan-2020 20:28:41	No	NaN		
6277	30-Jan-2020 20:30:12	No	NaN		
6279	29-Jan-2020 14:17:31	Yes	NaN		
6279	29-Jan-2020 14:18:32	Yes	1022		
6279	30-Jan-2020 20:30:12	No	NaN		
6279	30-Jan-2020 20:31:42	No	NaN		
6280	29-Jan-2020 14:18:32	No	NaN		
6280	29-Jan-2020 14:20:02	Yes	59		
6280	30-Jan-2020 20:28:41	No	NaN		
6280	30-Jan-2020 20:30:12	No	NaN		

6376	29-Jan-2020 14:18:32	No	NaN		
6376	30-Jan-2020 20:30:12	Yes	NaN		
6377	29-Jan-2020 14:18:32	No	NaN		
6377	30-Jan-2020 20:30:12	Yes	NaN		
6378	29-Jan-2020 14:18:32	No	NaN		
6378	30-Jan-2020 20:30:12	Yes	NaN		
6379	29-Jan-2020 14:18:32	No	NaN		
6379	30-Jan-2020 20:28:41	No	NaN		
6379	30-Jan-2020 20:30:12	Yes	NaN		

Report Feature Name 24477

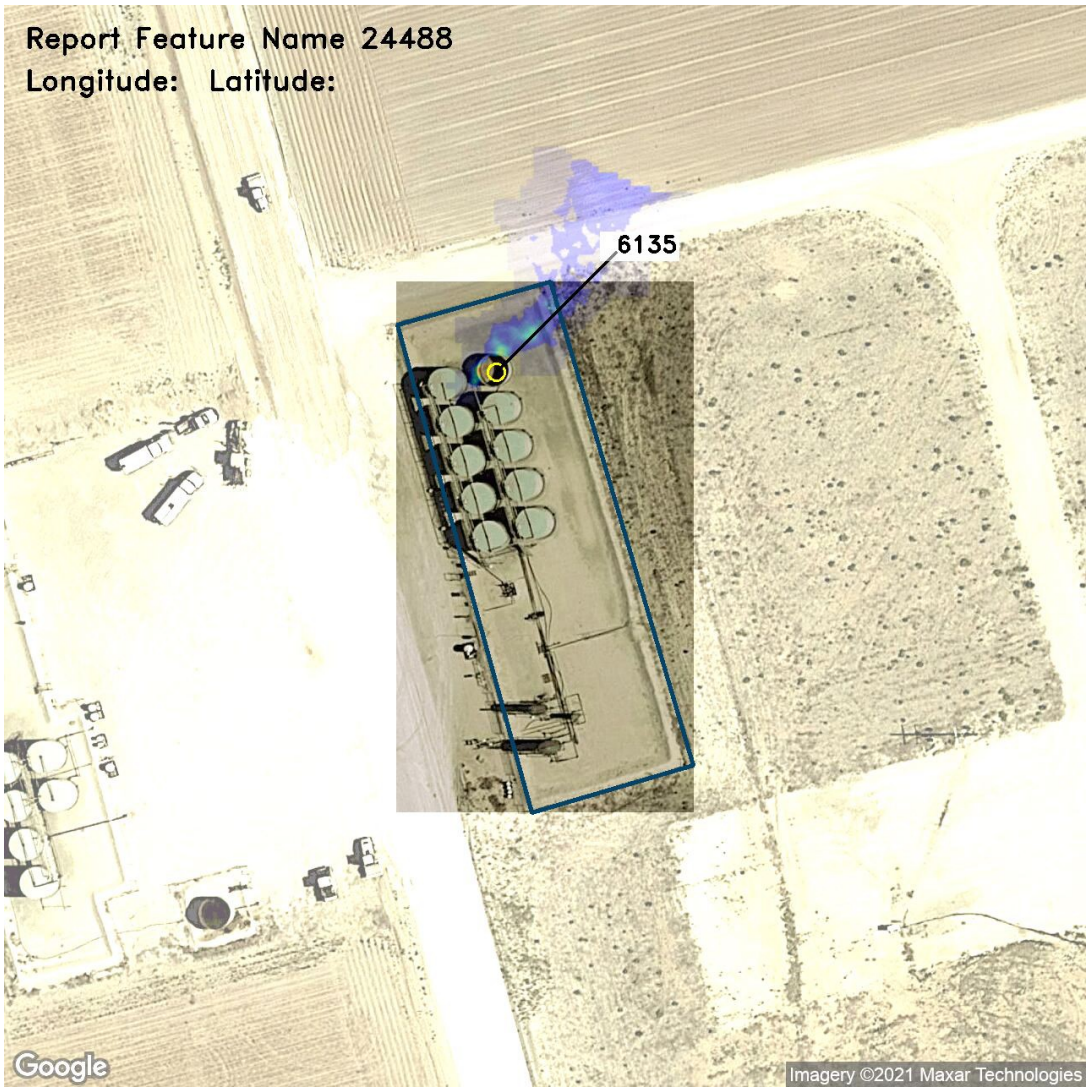
Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6272	29-Jan-2020 14:12:30	Yes	38		
6272	30-Jan-2020 20:23:41	No	NaN		
6273	29-Jan-2020 14:12:30	Yes	21		
6273	30-Jan-2020 20:23:41	No	NaN		
6375	29-Jan-2020 14:12:30	Yes	77		
6375	30-Jan-2020 20:23:41	Yes	1178		

Report Feature Name 24465



Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
413	29-Jan-2020 14:03:29	Yes	41		
413	30-Jan-2020 20:11:41	Yes	NaN		
413	30-Jan-2020 20:13:11	Yes	121		
415	29-Jan-2020 14:01:58	No	NaN		
415	29-Jan-2020 14:03:59	Yes	76		
415	30-Jan-2020 20:11:41	Yes	NaN		
6181	29-Jan-2020 14:01:58	Yes	NaN		
6181	29-Jan-2020 14:03:59	Yes	NaN		
6181	30-Jan-2020 20:11:41	Yes	106		
6181	30-Jan-2020 20:13:11	Yes	NaN		
6183	29-Jan-2020 14:03:29	Yes	47		
6183	30-Jan-2020 20:11:41	Yes	NaN		

Report Feature Name 24488



Location	Scan Date Time Utc (UTC)	Gas Detected	Flux (SCFH)	Latitude	Longitude
6135	27-Jan-2020 17:19:26	Yes	373		
6135	27-Jan-2020 17:19:56	Yes	212		
6135	29-Jan-2020 19:49:20	No	NaN		