

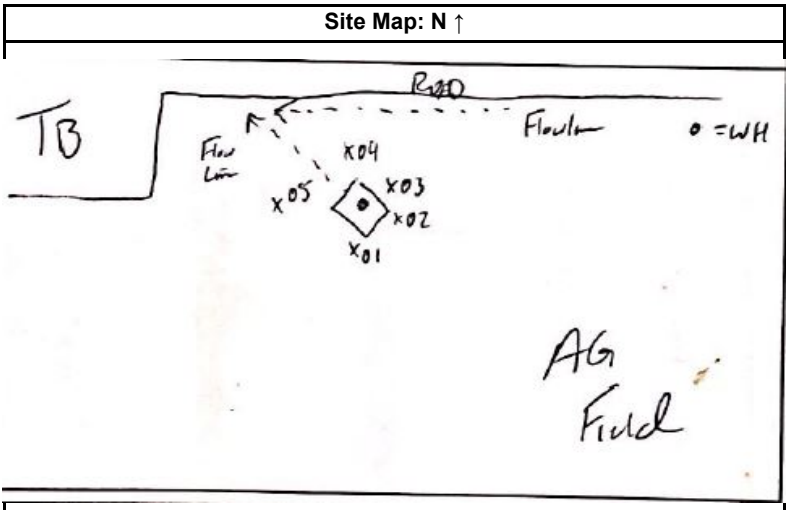


# Soil Gas Monitoring Field Data Sheet

Install Date	7/12/2022	Installed By	TS & SC
Monitor Date	07/13/22	Monitored By	TS

Client	Occidental Petroleum	Project	SG_Vogl_4_5A		Trip #	28					
O&G Well Name	Vogl 4-5A	API#	05-123-21554	Locates ID#	A218601821						
County	Weld	State	Colorado	Qtr-Qtr	NWNW	Sec	5	TwN	2N	Rng	67W
Elevation	4830	Latitude	40.173692	Longitude	-104.921546						
Billing/WO#	4500624453			AE2 Project Code	OXY.CO.0577.01						
Facility ID	268356	Anticipated P&A Date	1/12/2023								

**Directions to Well:** WCR 26 & WCR 15 From intersect go E 260ft cont S/ 0.13mi into



GEM 5000 Calibration	
Calibration Gas	Time
Fresh Air	1351
50 ppm CO, 10 ppm H2S	1354
15% CH4, 15% CO2, Bal N2	1353

Weather
Install 80° F, Sunny and Dry
Monitor 90° F, Sunny and Dry

Installation Information					
SGM Point ID	Time	Distance & Direction from WH	Lat/Long	Depth	UTMs
SVP01_21554	1145	10 ft S	40.173661, -104.921554	63"	506679.13, 4447035.13
SVP02_21554	1150	10 ft E	40.173694, -104.921510	63"	506682.88, 4447038.80
SVP03_21554	1155	15 ft NE	40.173712, -104.921509	63"	506682.96, 4447040.79
SVP04_21554	1200	20 ft N	40.173749, -104.921550	63"	506679.47, 4447044.90
SVP05_21554	1205	25 ft W	40.173684, -104.921643	63"	506671.55, 4447037.68

Bump Test									
Time	Calibration Gas	CH4 (%)	CO2 (%)	O2 (%)	H2S (ppm)	CO (ppm)			
1355	Calibration Gas	15	15	0	20.9	0	10	0	50
	Readings	15	14.8	0	20.2	0	9	0	52

GEM 5000 Field Readings							
SGM Point ID	Time	CH4 (%)	CO2 (%)	O2 (%)	H2S (ppm)	CO (ppm)	Comments
SVP01_21554	1359	0	5.4	13.4	0	2	CO peaked at 25 ppm
SVP02_21554	1401	0	5.2	13.6	0	2	CO peaked at 19 ppm
SVP03_21554	1404	0	6.4	10.8	0	3	CO peaked at 20 ppm
SVP04_21554	1406	0	7.5	8.2	0	3	CO peaked at 26 ppm
SVP05_21554	1409	0	6.6	11.2	0	2	CO peaked at 17 ppm

**Site Comments:** Trimble R2 unit used to map site at 13" accuracy. Site left installed due to high CO2 and low O2 observed during monitoring.