Westlake US 2 Daily Report
Date Reported: 10/25/2023

Pressure Data:

10/24/2023 @ 6PM
7B Tubing Press = 70.5 psig
7B Annulus Press = 433.3 psig
Downhole Pressure in 7B Tubing = 1423 psig
7B Brine Injection Rate = 317.0 GPM
6X Annulus Press = 173.0 psig
PPG 2 Tubing Pressure = 253.7 psig
PPG 2 Annulus Press = 385.3 psig
PPG 4 Tubing Pressure = 251.0 psig
PPG 4 Annulus Press = 260.2 psig

10/25/2023 @ 4AM
7B Tubing Press = 70.1 psig
7B Annulus Press = 433.4 psig
Downhole Pressure in 7B Tubing = 1423 psig
7B Brine Injection Rate = 316.9 GPM
6X Annulus Press = 174.2 psig
PPG 2 Tubing Pressure = 253.8 psig
PPG 2 Annulus Press = 385.6 psig
PPG 4 Tubing Pressure = 251.7 psig
PPG 4 Annulus Press = 260.4 psig

Site Observations:

-None

Operational Notes:

-Gas removal or oil withdrawal:
-No gas was removed yesterday.
-Westlake operations did not attempt oil withdrawal from #7 to frac tank yesterday.
-6X Obstruction Remediation:
-Initial sonar attempted was unsuccessful. Re-ran milling unit into well and spot with fresh water at depth where the sonar tool is tagging up. Re-attempt sonar run this morning.
-Monitoring wells:
-Work plans approved by DNR. Scheduled to start no later than 11/13, installation duration is expected to take 45 days. A discussion on the due date of Dec 1st will need to be addressed.
-Sub-surface Seismic:
-Long lead items have been ordered. We are still on track for installation in early 2024.
-Geo-mechanical Studies:
-Respec Phase 2 is on-going.
-Insar
-Meeting scheduled for next week to discuss the re-processed data set from Trea.
-3D Seismic
-op of salt and caprock mapping methodology report will be submitted this Friday. Top of caprock map will be submitted Nov 3rd. Top of salt map will be updated to include 100' contours further to the central part of the dome. Fault plane map with be submitted by Nov 29th.

Reported by: Josh Bradley (Westlake)

Date: 10/24/23

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Tubing Pressure	70.5	70.5	70.5	70.5	70.6	70.5	70.9	70.9	70.8	70.7	70.1	70.1
7b Annulus Pressure	433.2	433.3	433.0	433.1	433.1	433.1	433.2	433.3	433.3	433.3	433.4	433.4
7b Injection Rate	316.8	317.0	317.5	317.9	317.6	317.2	317.2	317.6	316.9	316.8	316.9	316.9
7b Downhole Gauge	1423/92	1423/91	1423/92	1423/92	1423/92	1423/92	1423/92	1423/92	1423/92	1423/92	1423/92	1423/92
6x Pressure	174.1	173.0	173.2	173.4	173.6	173.8	173.9	173.9	173.9	174.2	174.2	174.2
2 Tubing Pressure		253.7										253.8
2 Annulus Pressure		385.3										385.6
4 Tubing Pressure		251.0										251.7
4 Annulus Pressure		260.2										260.4

Site 1 (E of #22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.9						20.8		20.9
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

7A Plugged Well Site		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.9						20.8		20.9
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

Site 10 (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.9						20.8		20.9
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

Site 9 (#4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.9						20.8		20.9
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

Site 19 (#4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.9						20.8		20.9
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

#7b Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity			
O2	20.9						20.8		20.9
Methane	0						0		0
H2s	0						0		0
PID (VOC)	0						0		0

#7 Well Pad Site General Housekeeping
Check Berms for leaks or oil/brine
Check hoses at each connection from rental pump to piping tie-in
Check cellar for oil
Check Wellhead for leaks

New Observation, intensity changes, or comments?	

Signature: MG

Date: 10-24-23

Sulphur Field Observation Daily Report (Dayshift)

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	21.0		
H2S/Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

Site 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	20.8		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

Site 4 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	20.9		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

Site 5 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	20.9		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

Site 6 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	20.8		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

Site 7 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	20.9		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

Site 8 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.8
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.8	20.8
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.9
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.8
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 14 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.8
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 17 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	21.0
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.9
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.8
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.9
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.9
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	20.8
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.9	21.0
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity

	Morning	Afternoon
O2	20.8	21.0
Methane	0	0
H2s	0	0
PID (VOC)	0	0

Site 20 (Sheen on Crystal Creek (Big Pond))	(Circle One)	Present	Not Present

	Morning	Afternoon
O2	N/A	N/A
Methane	N/A	N/A
H2s	N/A	N/A
PID (VOC)	N/A	N/A

#7B Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	20.8		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	20.8		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

#26 Bubble site (Crystal Lake Big Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	21.0		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

#7 Well Pad Site General Housekeeping	
	Check Berms for leaks or oil/brine
	Check hoses at each connection from rental pump to piping tie-in
	Check cellar for oil
	Check Wellhead for leaks

New Observation or comments?

fuel cell #1 3/4 #2 Full

Signature: Mc