Westlake US 2 Daily Report
Date Reported: 12/30/2023

Pressure Data:

12/29/2023 @ 6PM
7B Tubing Press = 72.2 psig
7B Annulus Press = 428.1 psig
Downhole Pressure in 7B Tubing = 1414 psig
7B Brine Injection Rate = 313.7 GPM
6X Annulus Press = 148.5 psig
PPG 2 Tubing Pressure = 248.0 psig
PPG 2 Annulus Press = 626.2 psig
PPG 4 Tubing Pressure = 244.9 psig
PPG 4 Annulus Press = 253.2 psig

12/30/2023 @ 4AM
7B Tubing Press = 71.5 psig
7B Annulus Press = 427.6 psig
Downhole Pressure in 7B Tubing = 1413 psig
7B Brine Injection Rate = 311.5 GPM
6X Annulus Press = 148.2 psig
PPG 2 Tubing Pressure = 248.4 psig
PPG 2 Annulus Press = 633.7psig
PPG 4 Tubing Pressure = 245.4 psig
PPG 4 Annulus Press = 253.9 psig

Site Observations:

- MW-1 was sampled at each screen location by ERM along with 2 residential wells.

Operational Notes:

-Gas removal or oil withdrawal:
    -No gas was removed yesterday.
    -No oil was bled from PPG 7 yesterday, volumes will be determined upon sale.
-Monitoring wells:
    -work will resume on 1.2.24
-Sub-surface Seismic:
    -Long lead items have been ordered. We are still on track for installation in early 2024 (expected in April).
-Geo-mechanical Studies:
    -Respec Phase 2 is on-going. Due on 1.16.24
-Bathymetric Survey
    -Surveyor will mobilize to site week of 1.8.24

Reported by Randy Broussard (Westlake)

Westlake

Date: 12-29-23

SUBJECT: Westlake Daily Operational Summary

- #7 Brine Injection Source: #22, #21, #18, or Starks Tie-In (Circle One)
- Brine Well #7:
  - Bled Oil from cavern? Y or N (Circle One)
    - If yes, provide frac tank level:
- Brine Well #4:
  - Bled brine from cavern? Y or N (Circle One)
  - Bled gas from annlus? Y or N (Circle One)
    - If yes, provide pressures below:
    - Before: After:
- Brine Well #2:
  - Bled brine from cavern? Y or N (Circle One)
  - Bled gas from annulus? Y or N (Circle One)
    - If yes, provide pressure below:
    - Before: After:
- Miscellaneous Comments:

Date: 12/29/23

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Tubing Pressure	72.1	72.2	72.0	71.8	71.7	71.7	71.8	71.4	71.7	71.5	71.7	71.5
7b Annulus Pressure	428.3	428.1	428.1	428.0	428.1	428.0	427.9	427.8	427.8	427.8	427.7	427.6
7b Injection Rate	314.0	313.7	313.7	313.0	312.7	312.7	312.1	312.2	312.0	311.1	311.4	311.5
7b Downhole Gauge	1414/91	1414/91	1414/91	1414/91	1414/91	1414/91	1414/91	1414/91	1414/91	1414/91	1414/91	1413/91
6x Pressure	148.5	148.5	148.5	148.4	148.4	148.4	148.3	148.3	148.3	148.2	148.2	148.2
2 Tubing Pressure		248.0										248.4
2 Annulus Pressure		626.2										633.7
4 Tubing Pressure		244.9										245.4
4 Annulus Pressure		253.2										253.9

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

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

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

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

	20.8					20.8
	0					0
	0					0
	0					0

	20.8					20.9
	0					0
	0					0
	0					0

	20.8					20.9
	0					0
	0					0
	0					0

	20.8					20.9
	0					0
	0					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: M. E.

Date: 12-29-23

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	0
Water Well #12	151
Water Well #13	170
Water Well #19	0
Water Well #40	8

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	20.9		
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		21.0	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	21.0		
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	21.0		
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	21.0	20.9
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	20.9	21.0
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	20.8
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	21.0	20.9
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	21.0	20.9
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	21.0	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	21.0	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	21.0		
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	21.0		
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		21.0	20.9		
Methane		0	0		
H2s		0	0		
PID (VOC)		4	0		

Site 25 (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 19 (#4 BW 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		

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		21.0	20.9		
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	20.9		
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		21.0	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~~ #2

Signature: MC

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Date:	12-29-23	Time:	8:45
Depth (ft):	4'8		

	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.68	7.60	7.58
SC (uS/cm)	4136	4126	4155
ORP (mV)	-45	-5	118
Temp (°C)	12.2	11.6	11.7
TDS (ppm)	3224	3211	3229

Cond

Date:		Time:	
Depth (ft):			

	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond -

Date:		Time:	
Depth (ft):			

	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond.

Date:		Time:	
Depth (ft):			

	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond