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

### **Pressure Data:**

10/9/2023 @ 6PM

7B Tubing Press = 77.3 psig 7B Annulus Press = 433.6 psig

Downhole Pressure in 7B Tubing = 1423 psig

7B Brine Injection Rate = 315.5 GPM

6X Annulus Press = 175.1 psig

PPG 2 Tubing Pressure = 248.3 psig

PPG 2 Annulus Press = 350.8 psig

PPG 4 Tubing Pressure = 245.8 psig

PPG 4 Annulus Press = 261.3 psig

10/10/2023 @ 4AM

7B Tubing Press = 76.3 psig

7B Annulus Press = 431.8 psig

Downhole Pressure in 7B Tubing = 1422 psig

7B Brine Injection Rate = 317.5 GPM

6X Annulus Press = 175.2 psig

PPG 2 Tubing Pressure = 248.5 psig

PPG 2 Annulus Press = 351.3 psig

PPG 4 Tubing Pressure = 246.0 psig

PPG 4 Annulus Press = 261.7 psig

### **Site Observations:**

- -Bubble sites #3 & #4 were observed to be more intense.
- -Confirmed that we can work under NWP 6 in this area W of #7. Excavation schedule for mid to late October, pending equipment availability.

# **Operational Notes:**

- -Injection pumps were decreased to 315 gpm in attempt to keep #7 tubing pressure closer to 70psi rather than 80 psi.
- -Gas removal or oil withdrawal:
  - -No gas was removed for any well yesterday.
  - -Westlake operations did not attempt oil withdrawal from #7 to frac tank yesterday.
- -6X Obstruction Remediation:
- -Work scheduled to start on 10-16. UIC-17 and work procedure will be submitted on Wednesday.
- -3D Seismic:
  - -Lonquist working on completing final contour map. Received comments from Liberty Gas.
- -Monitoring wells:
  - -Westlake and ERM have meeting scheduled for today to determine new well locations.
- -Sub-surface Seismic:
  - -Long lead items have been ordered. We are still on track for installation in early 2024.
- -Geo-mechanical Studies:
  - -Westlake is working with Lonquist to fund Respec on phase 2 modeling.
- -Insar
- -Recent data set continues to show recent non-linear trends. The data set also show areas outside of the dome experiencing similar displacements. TREA has been notified of these areas and is performing some quality control checks to investigate these areas further.



## Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm -	7pm	8pm	9pm	10pm	11om	12am	1am	2am	3am	Aam
7b Tubing Pressure	77.5	77.3	76.9	76.7	76.5	76.4	76.1	76.1	76.0	76.1	76.2	76.3
7b Annulus Pressure	433.9	433.6	433.2	433.0	432.7	432.6	432.2	432.3	432.0	432.0	431.8	431-8
7b Injection Rate	315.7	315.5	315.3	315.5	315.3	315.1	315.4	315.2	316.0	315.9	316.9	317.5
	1423/92	1423/92	1423/92	1423/92	1423/92	1423/92	1422/92	1422/92	1422/92	1422/92	1422/92	1422/92
7b Downhole Gauge	175.0	175.1	175.2	175.2	175.2	175.2	175.2	175.2	175.2	175.2	175.2	175.2
6x Pressure		248.3							- 34			248.5
2 Tubing Pressure		350.8										351.3
2 Annulus Pressure		245.8	,									246.0
4 Tubing Pressure		261.3										261.7
4 Annulus Pressure												2

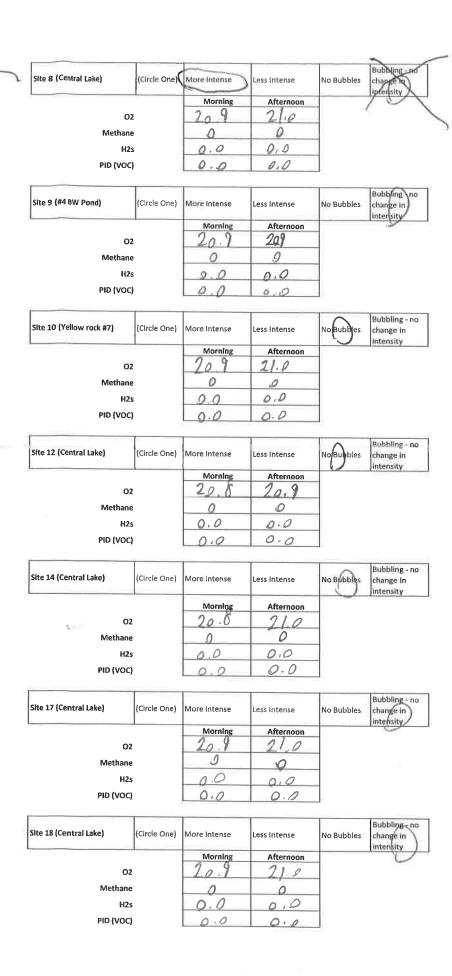
Ä	Site 9 (#4 BW Pond)  O2  Methane  H23  PID (VOC)	Site 10 (Yellowrock #7) (Circle One)  Methane  H23  PID (Yod)  O  Circle One)	7A Plugged Well Site  O2  Corole One)  Methane  Plo (Voc)	Site 1 (E of #22 BW)  O2  Methane  H23  PID (VOC)  (Circle One)
	More Intense	More intense	More Intense	More Intense
	Less Intense	Less Intense	Less intense	Less Intense
	No Bubbles	No Bubbles	No Bubbles	No Bubbles
	Burbling - no change in intensity	Bubbling - no change in intensity	Bubbling - no change in intensity	Bubbling - no thange in intensity
	0000	0007	0007	20.7
	0007	0000	0000	CC0.9

### Sulphur Fleld 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		
02		20.8	21.0		
H2S/Methane		0	0		
H2s		0.0	20		
PID (VOC)		0.0	0.0	7	
FID (VOC)		0.0	10.10	4	
Site 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		1
02		20.9	21.0		
Methane		0	0		
H2s		0.0	0.0		
		- 0	0.0	-	
PID (VOC)		L0.0	10.0	_ ~	
Site 4 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change bubbling
		Morning	Afternoon		1
02		20.9	20.9	/	
Methane		0	0	7	
H2s		0.0	0.0		
			0.0	-	
PID (VOC)		0.0	10.0		
Site 5 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbliffig - no change in intensity
		Morning	Afternoon		(60
02		109	109		
02		-//		-	
Methane		9	0		
			0		
Methane H2s		0.0	0.0		
Methane			0.0		
Methane H2s	(Circle One)	0.0	O O O O O O O O O O O O O O O O O O O	No Bubbles	Bubbling - no change in intensity
Methane H2s PID (VOC)	(Circle One)	0.0	0.0	No Bubbles	change in
Methane H2s PID (VOC)	(Circle One)	O.O O. O More Intense	O O	No Bubbles	change in
Methane H2s PID (VOC) Site 6 (Central Lake)	{Circle One}	O.O O. O More Intense	Less Intense	No Bubbles	change in
Methane H2s PID (VOC) Site 6 (Central Lake)	(Circle One)	O.O O. O More Intense	Less Intense	No Bubbles	change in
Methane H2s PID (VOC) Site 6 (Central Lake)  O2 Methane H2s	(Circle One)	O.O O. O More Intense	Less Intense	No Bubbles	change in
Methane  H2s  PID (VOC)  Site 6 (Central Lake)  O2  Methane	(Circle One)	O.O O. O More Intense	Less Intense	No Bubbles	change in
Methane H2s PID (VOC) Site 6 (Central Lake)  O2 Methane H2s PID (VOC)		More Intense  Morning  20.9  0.0  0.0  More Intense	Less Intense  Afternoon  21, 0  0 0  Less Intense	No Bubbles  No Bubbles	change in
Methane H2s PID (VOC) Site 6 (Central Lake)  O2 Methane H2s PID (VOC)		More Intense  Morning  20.0  0.0  More Intense	Less Intense  Afternoon  21.0  0.0  Less Intense  Afternoon		change in intensity  Bubbling - no change in
Methane H2s PID (VOC) Site 6 (Central Lake)  O2 Methane H2s		More Intense  Morning  20.9  0.0  0.0  More Intense	Less Intense  Afternoon  21, 0  0 0  Less Intense		change in intensity  Bubbling - no change in
Methane H2s PID (VOC)  Site 6 (Central Lake)  O2 Methane H2s PID (VOC)		More Intense  Morning  20.0  0.0  More Intense	Less Intense  Afternoon  21.0  0.0  Less Intense  Afternoon		change in intensity  Bubbling - no change in
Methane H2s PID (VOC)  Site 6 (Central Lake)  O2 Methane H2s PID (VOC)  Site 7 (Central Lake)		More Intense  Morning  20.9  0.0  0.0  More Intense  Morning	Less Intense  Afternoon  21.0  0.0  Less Intense  Afternoon		change in intensity  Bubbling - no change in







					Bubbling - no
Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	change in
	-	Morning	Afternoon		Intensity
O	2	20.9	21.0		
Methane	:	0	D		
H2:	5	0.0	0.0		
PID (VOC	)	0.0	0.0		
Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
02	!	20.0	21.0		
Methane		0	0		
H2s	;	0.0	0.0		
PID (VOC)		0.0	0.0		
	1				
Site 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
02		20.0	20.4	_	
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		
	1		1		
Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in intensity
		Morning	Afternoon	4	
O2		20.0	20.4		
Methane		٥	0		
H2s		0.0	0.0		
PID (VOC)		0.2	0.0		
ite 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		111111111111111111111111111111111111111
02		20.9	21.0		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0			
110 (100)		11.7	0.0		
			T	T	Bubbilling no
ite 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	change in intensity
	(Circle One)	More Intense  Morning	Less Intense  Afternoon	No Bubbles	change in intensity
Ite 19 (#4 BW Pond)	(Circle One)			No Bubbles	
	(Circle One)			No Bubbles	
02	(Circle One)			No Bubbles	
O2 Methane	(Circle One)	Morning 20.9	Afternoon 21.0	No Bubbles	
O2 Methane H2s PID (VOC) te 20 (Sheen on Crystal		Morning 20.1	Afternoon 21.0 0 0.0 0.0	No Bubbles	
O2 Methane H2s	(Circle One)	Morning 20.9 0.0 0.0	Afternoon  21.0  0.0  0.0  0.0	No Bubbles	
O2 Methane H2s PID (VOC) te 20 (Sheen on Crystal reek (Big Pond))	(Circle One)	Morning  20.7  0.0  0.0  Present  Morning	Afternoon 21.0 0 0.0 0.0	No Bubbles	
O2 Methane H2s PID (VOC) te 20 (Sheen on Crystal reek (Big Pond))	(Circle One)	Morning  20.7  0 0.0  Present  Morning	Afternoon  21.0  0.0  0.0  0.0	No Bubbles	
O2 Methane H2s PID (VOC) te 20 (Sheen on Crystal reek (Big Pond))	(Circle One)	Morning  20.7  0.0  0.0  Present  Morning	Afternoon  21.0  0.0  0.0  Afternoon	No Bubbles	
O2 Methane H2s PID (VOC) te 20 (Sheen on Crystal reek (Big Pond))	(Circle One)	Morning  20.7  0 0.0  Present  Morning	Afternoon  21.0  0.0  0.0  0.0  Afternoon  N/A	No Bubbles	

#7B Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	21.0		
Methane		0	٥		
ŀ	125	0.0	0,0		
PID (VOC)		0.0	0.0		

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	02	20.8	21.0		
Metha	Methane		0		
Н	2s	0.0	0.0		
PID (VC	C)	0.0	0.0		

#26 Bubble site (Crystal Lake Big Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	
			Morning Afternoon			
02	02		21.0			
Methane	Methane		0			
H2s		0.0	0.0			
PID (VOC)		0.0	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 or comments?

Gil bout come State come fuel cell #17/8 #2 full

Signature:

MC