Westlake US 2 Daily Report Date Reported: 10/31/2023

#### **Pressure Data:**

10/30/2023 @ 6PM

7B Tubing Press = 68.9 psig

7B Annulus Press = 430.8 psig

Downhole Pressure in 7B Tubing = 1423 psig

7B Brine Injection Rate = 315.4 GPM

6X Annulus Press = 167.7 psig

PPG 2 Tubing Pressure = 253.4 psig

PPG 2 Annulus Press = 389.7 psig

PPG 4 Tubing Pressure = 250.9 psig

PPG 4 Annulus Press = 259.5 psig

#### 10/31/2023 @ 4AM

7B Tubing Press = 68.9 psig

7B Annulus Press = 430.7 psig

Downhole Pressure in 7B Tubing = 1423 psig

7B Brine Injection Rate = 315.9 GPM

6X Annulus Press = 167.6 psig

PPG 2 Tubing Pressure = 253.7 psig

PPG 2 Annulus Press = 390.3 psig

PPG 4 Tubing Pressure = 251.2 psig

PPG 4 Annulus Press = 259.8 psig

### **Site Observations:**

-Airboat observation were conducted yesterday.

# **Operational Notes:**

- -ERM collected brine samples of all locations brine is used to inject into #7 (brine well 18, 21, 22, and Starks)
- -Gas removal or oil withdrawal:
  - -No gas was removed yesterday.
  - No oil was bled from PPG 7 yesterday, volumes will be determined upon sale.
- -6X Obstruction Remediation:
  - -Lonquist will begin demobilizing equipment from the

site.

- -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  $1^{st}$  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 today to discuss the re-processed data set from Trea.
- -3D Seismic
- -top of salt and caprock mapping methodology report was submitted this Friday. Top of caprock map will be submitted Nov  $3^{\rm rd}$ . 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  $29^{\rm th}$ .



## Sulphur Field Observation Daily Report (Dayshift)

	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling-no
Site 1 (E of #22 BW)	(on the other	Work miterise	ress litterise	NO BUDDIES	change in intensity
		Morning	Afternoon		
O2		70.9	20.0		
H2S/Methane		0	0		
H2s		0	0	1	
PID (VOC)		0	0		
				_	
Site 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
02		10.8	20.9		
Methane		()	0	1	
* H2s		Ŏ	0	1	
		×	0	-	
PID (VOC)			0		
ite 4 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		0
02		20.8	120.9		
Methane		0	0		
H2s		Ö	1 0		
		Ö		-	
PID (VOC)	9		0	_	
te 5 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bybbling - no ghange in Intensity
		Morning	Afternoon		1
02	J.	20,8	20.9		
Methane		U	0	1	
H2s		D	0		
PID (VOC)		0	0	7	
	8				
			- 0	-1	
	(Circle One)	More Intense	Less Intense	No Bubbles	Bullbling - no change in intensity
	(Circle One)	More Intense	Less Intense  Afternoon	No Bubbles	
	(Circle One)			No Bubbles	change in
te 6 (Central Lake)	(Circle One)	Morning		No Bubbles	change in
te 6 (Central Lake)	(Circle One)	Morning		No Bubbles	change in
ee 6 (Central Lake) O2 Methane	(Circle One)	Morning		No Bubbles	change in
02 Methane H2s	(Circle One)	Morning		No Bubbles	change in
O2 Methane H2s PID (VOC)		Morning		No Bubbles  No Bubbles	change in intensity  Bubbling no change in
te 6 (Central Lake)  O2  Methane  H2s  PID (VOC)		Morning 20.6	Afternoon 20.9 0		change in linensity  Bubbling no
O2 Methane H2s PID (VOC)		Morning 20.6	Afternoon 20,9 0		change in intensity  Bubbling no change in
02 Methane H2s PID (VOC)		Morning  O  More Intense  Morning	Afternoon 20,9 0		change in intensity  Bubbling no change in
O2 Methane H2s PID (VOC) e 7 (Central Lake)		Morning  O  More Intense  Morning	Afternoon  20,9  0  Less Intense  Afternoon  20,9		change in invensity  Bubbling no change in

Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		Innemity
02		208	20.9		
Methane		0	D		
				-	
H2s		0	0	-	
PID (VOC)			P		
Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		-
02		20.8	20.9		
Methane		0	D		
H2s		0	0		
		()	0		
PID (VOC)			1 0	J	
Site 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in intensity
		Morning	Afternoon		
02		70.8	20.9		
Methane		0	0		
H2s		0	0		
		X		+	
PID (VOC)			0	J	
Site 24 (Central Lake)	(Circle One)	More intense	Less Intense	No Bubbles	Bubbling no change in intendity
		Morning	Afternoon		
02		20.0	10.9		
Methane		0	0		
H2s		Ō	0	1	
		1	0		
PID (VOC)			I V	J	
ilte 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubble	Bubbling - no change in intensity
ilte 25 (Central Lake)	(Circle One)	More Intense	Less Intense  Afternoon	No Bubble	change in
ilte 25 (Central Lake)	(Circle One)			No Bubble	change in
02	(Circle One)			No Bubble	change in
O2 Methane	(Circle One)		Afternoon 20,9	No Bubble	change in
O2 Methane H2s	(Circle One)			No Bubble	change in
O2 Methane	(Circle One)		Afternoon 20, 9	No Bubbles	change in
O2 Methane H2s PID (VOC)	(Circle One)	Morning  20 %  0  0  More Intense	Afternoon  20, 9  0  0  Less Intense	No Bubbles	change in
O2 Methane H2s PID (VOC)		Morning 20.8	Afternoon  20, 9  0 0		change in intensity  Bubbling to change in
O2 Methane H2s PID (VOC)		Morning  20 %  0  0  More Intense	Afternoon  20, 9  0  0  Less Intense		change in intensity  Bubbling to change in
O2 Methane H2s PID (VOC) ite 19 (#4 BW Pond)		Morning  20 %  0  0  More Intense	Afternoon  20, 9  0  0  Less Intense		change in intensity  Bubbling to change in
O2 Methane H2s PID (VOC) ite 19 (#4 BW Pond)		Morning  20 %  0  0  More Intense	Afternoon  20, 9  0  0  Less Intense		change in intensity  Bubbling to change in
O2 Methane H2s PID (VOC) Ite 19 (#4 BW Pond) O2 Methane		Morning  20 %  0  0  More Intense	Afternoon  20, 9  0  0  Less Intense  Afternoon  20, 9  0		change in intensity  Bubbling to change in
O2 Methane H2s PID (VOC) ite 19 (#4 BW Pond) O2 Methane H2s PID (VOC)		Morning  20 %  0  0  More Intense	Afternoon  20, 9  0  0  Less Intense		change in intensity  Bubbling to change in
O2 Methane H2s PID (VOC)  Ite 19 (#4 BW Pond)  O2 Methane H2s PID (VOC)		Morning  20 K  0  0  More Intense	Afternoon  20, 9  0  0  Less Intense  Afternoon  20, 9  0		change in intensity  Bubbling to change in
O2 Methane H2s PID (VOC)  Ite 19 (#4 BW Pond)  O2 Methane H2s PID (VOC)	(Circle One)	Morning  20.8  O  Wore Intense  Morning  20.9	Afternoon  20, 9  0  Less Intense  Afternoon  20, 9  0		change in intensity  Bubbling to change in
O2 Methane H2s PID (VOC)  Ite 19 (#4 BW Pond)  O2 Methane H2s PID (VOC)	(Circle One)	Morning  20 %  O  O  More Intense  Morning  Present  Morning	Afternoon  20, 9  0  0  Less Intense  Afternoon  Not Present  Afternoon		change in intensity  Bubbling to change in
O2 Methane H2s PID (VOC)  Ite 19 (#4 BW Pond)  O2 Methane H2s PID (VOC)  Ite 20 (Sheen on Crystal reek (Big Pond))	(Circle One)	Morning 20 % O O O More Intense Morning 20 % Present Morning N/A	Afternoon  20, 9  0  0  Less Intense  Afternoon  20, 9  Not, present  Afternoon  N/A		change in intensity  Bubbling to change in
O2 Methane H2s PID (VOC)  Ite 19 (#4 BW Pond)  O2 Methane H2s PID (VOC)  Ite 20 (Sheen on Crystal reek (Big Pond))  O2 Methane	(Circle One)	Morning  20 %  O  Wore Intense  Morning  20 %  Present  Morning  N/A	Afternoon  20, 9  0  Less Intense  Afternoon  20, 9  0  Not Present  Afternoon  N/A  N/A		change in intensity  Bubbling to change in
Methane H2s PID (VOC) lite 19 (#4 BW Pond)  O2 Methane H2s PID (VOC) lite 20 (Sheen on Crystal reek (Big Pond))	(Circle One)	Morning 20 % O O O More Intense Morning 20 % Present Morning N/A	Afternoon  20, 9  0  0  Less Intense  Afternoon  20, 9  Not, present  Afternoon  N/A		change in intensity  Bubbling to change in

Site 8 (Central Lake)	(Circle One)	More intense	Less Intense	No Bubbles	Bubbling po change in intensity
		Morning.	Afternoon		Interested
02		70.8	909		
Methane		D	0		
H2s		0	0		
PID (VOC)		0	0		
115 (400)					
Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in intensity
		Morning	Afternoon		
02		70.0	20.9		
Methane		0	0		
H2s		. 0	0		
PID (VOC)		0			
110 (400)			1		
Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	No Bubble	Bubbling - no change in intensity
		Morning	Afternoon		Investorial
02		20.01	20.9		
Methane		Õ	0		
H2s		Ö	0		
PID (VOC)		n	0		
FID (VOC)		V	1 0	J	
-100					Bubblio To
Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	change in intensity
		Morning O X	Afternoon	-	
02		20.0	20.1		
Methane		Q	0		
H2s		U	0		
PID (VOC)		J	0		
ilte 14 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
Oz		Morning 20 8			
O2 Methane		O I V	20.9		
Methane		O I V	20.9		
Methane H2s		O I V	20.9		
Methane		O I V	20.9		
Methane H2s PID (VOC)	(Circle One)	20.8 O	20.9 0	No Bubbles	Bubbling nd change in intendity
Methane H2s PID (VOC) ite 17 (Central Lake)	(Circle One)	20.8 0 0	20.9	No Bubbles	change in
Methane H2s PID (VOC)	(Circle One)	20.8 O	20.9 0	No Bubbles	change in
Methane H2s PID (VOC) ite 17 (Central Lake)	(Circle One)	20.8 O	20.9 0	No Bubbles	change in
Methane H2s PID (VOC) ite 17 (Central Lake)	(Circle One)	20.8 O	20.9 0	No Bubbles	change in
Methane H2s PID (VOC)  Ite 17 (Central Lake)  O2 Methane	(Circle One)	20.8 O	20.9 0	No Bubbles	change in
Methane H2s PID (VOC) ite 17 (Central Lake)  O2 Methane H2s	[Circle One)	20.8 O	Less Intense  Afternoon  20.9	No Bubbles	change in
Methane H2s PID (VOC) ite 17 (Central Lake)  O2 Methane H2s PID (VOC)		More Intense  Morning  70 8	Less Intense  Afternoon  20 9	No Bubbles	change in
Methane H2s PID (VOC)  Ite 17 (Central Lake)  O2 Methane H2s PID (VOC)		More Intense  Morning  O  More Intense  Morning  More Intense	Less Intense  Afternoon  20 9		change in intensity
Methane H2s PID (VOC) ite 17 (Central Lake)  O2 Methane H2s PID (VOC)		More Intense  Morning  70 8	Less Intense  Afternoon  O  Less Intense  Afternoon  O  C  Less Intense		change in intensity
Methane H2s PID (VOC)  Ite 17 (Central Lake)  O2 Methane H2s PID (VOC)		More Intense  Morning  O  More Intense  Morning  More Intense	Less Intense  Afternoon  20 9		change in intensity
Methane H2s PID (VOC) ite 17 (Central Lake)  O2 Methane H2s PID (VOC)		More Intense  Morning  O  More Intense  Morning  More Intense	Less Intense  Afternoon  O  Less Intense  Afternoon  O  C  Less Intense		change in intensity  Bubbling - no change in

#78 vVellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	
		Morning	Afternoon		~	
O2 Methane H2s PID (VOC)		20.9	20.0			
		_0_	0			
		_2	٥			
		U	0			



#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		- Commonwell
c	)2	20.9	20.0		
Methane H2s		0	0		
		0	0		
PID (VO	C)		0		

#26 Bubble site (Crystal Lake Big Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
02		700	209	_	
Methane	Methane		0		
H2s		Q	0		
PID (VOC)			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?

FUP	COIL # 13/4	生2 F
UCI VID	H	61
State	came today	)

Signature:

Mc

## Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm -	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Tubing Pressure	68.7	68.9	68.4	69.16	9.0	68.6	68.7	64.0	68,4	68.9	68.7	68.4
7b Annulus Pressure	430,9	430.8	430.7	430.7 4	130.6	430,6	430.6	430.7	430.5	430.7	430.6	430.7
7b Injection Rate	315.6	315.4	315.3	315.63	15.5	35,9	315.5	316.1	315.6	36.2	316.0	315.9
7b Downhole Gauge	1423/92	1423/92	1423/92	1423/9214	123/92	19/3/92	1423/92	1423/92	1423/92	142992	142992	W65/92
6x Pressure	167.7	167.7	167.7	67.7	67.7	167.7	67.7	167.7	167.6	16706	16/46	16/.6
2 Tubing Pressure	=	253.4										253,75
2 Annulus Pressure		389.77	7								ã	340,27
4 Tubing Pressure	-	250,90										251.23
4 Annulus Pressure		254,49										254.84



