Westlake US 2 Daily Report Date Reported: 8/11/2023

#### **Pressure Data:**

8/10/2023 @ 6PM

7B Tubing Press = 65.5 psig
7B Annulus Press = 426.0 psig
Downhole Pressure in 7B Tubing = 1414 psig
7B Brine Injection Rate = 280.1 GPM
6X Annulus Press = 189.2 psig
PPG 2 Tubing Pressure = 217.8 psig
PPG 2 Annulus Press = 722.0 psig

8/11/2023 @ 4AM

7B Tubing Press = 61.5 psig
7B Annulus Press = 422.6 psig
Downhole Pressure in 7B Tubing = 1411 psig
7B Brine Injection Rate = 281.3 GPM
6X Annulus Press = 189.3 psig
PPG 2 Tubing Pressure = 218.2 psig
PPG 2 Annulus Press = 726.2 psig

# **Site Observations:**

-none

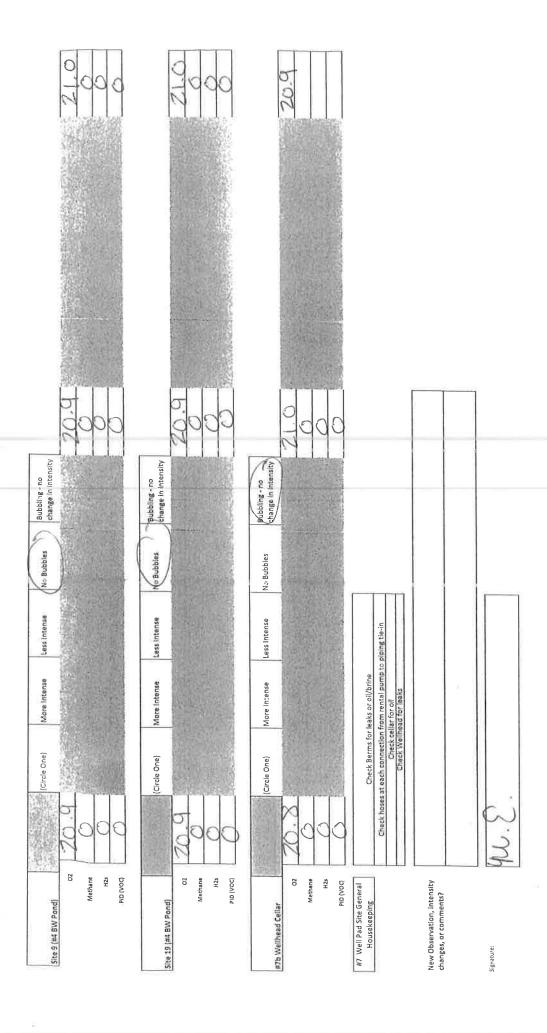
### **Operational Notes:**

- -MIT testing on #22 brine well
- -Brine injected into #7 is coming from the Starks dome
- -Explanation of drop in pressures over the last 24hrs: Secondary injection pump is in 'limp mode' so we are unable to speed up the flowrate currently. United rental mechanic will be on site today to repair/correct rpm issue. Contingency plan is to return to pumping from BW#21 to see if we can increase flowrates.
- -Once we get the pump issues addressed, the plan is to start the constant injection rate test on Sunday.



#### Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	1Zam	1am	2am	3am	4am
7b Tubing Pressure	63.9	65.5	63.0	63.7	63.0	63.8	63.8	62.8	63.2	63.0	62.7	61.5
7b Annulus Pressure	4262	F126.0	425.5	425.3	425.0	4247	@424.0	424.1	424.1	423.8	423.6	422.6
7b Injection Rate	280.2	2801	279.7	280.8	281.2	281.0	281.7	281.5	281.0	282.0	283.4	281.3
7b Downhole Gauge	1414/93	1414/93	1413/93	1413/93	1413/93	1413/93	1412/93	1412/93	1412/93	1412/93	1413/93	1411/93
6x Pressure	189.3	189.2	189.3	189.2	189.2	189.2	189.2	189.2	189.2	189.3	189.3	189.3
2 Tubing Pressure	-	217.8				M = = = = = = = = = = = = = = = = = = =						218.2
		722.0										726.2
2 Annulus Pressure	18		1									
		(Circle One)	More Intense	Less Intense	No Bubbles (	Bubbling - no change in Intensity	5					
Site 1 (E of #22 BW)	20.8						20.8					20.7
Methane	8						0					0
H2s PID (VOC)	0						Ö					O
7A Plugged Well Site		(Circle One)	More intense	Less Intense	Bubbles	Subbling - no change in intensity						
7A Plugged Well Site	20.8						21.0					20.9
Methana H2s	8						0					0
PID (VOC)	0						0					0
Site 10 (Yellowrock #7)		(Circle One)	More intense	Less Intense		Bubbling - no change in intensity			10			
O2	20.9						20.8					20.9
Methane H2s	0						0					0
PED (VOC)	0					351.28 J	0					0



## Sulphur Fleld Observation Daily Report (Dayshift)

(Circle One) More ! Site 1 (E of #22 BW)	Intense Le	1		
	interise Le	ss Intense	No Bubbles	bubbling - no change in intensity
	/lorning	Afternoon		
02	0.9	20.9		
H2S/Methane	0	0		
H2s 0.	0	0.0		
PID (VOC)	.0	0.0		
(Circle One) More lite 3 (Central Lake)	Intense Le	ss Intense	No Bubbles	Bubbling - no change in netensity
, N	Norning	Afternoon		
02	-0.9	21.0		
Methane	0	0		
H2s D	0	0.0		
PID (VOC)	.0	0.0		
(Circle One) More	Intense Le	ess Intense	No Bubbles	Bubbling - no change in intensity
N	Morning	Afternoon	,	
02	0,9	21.0		
Methane	0	0		
H2s C	2,0	0.0		
PID (VOC)	0.0	0.0		
				1
(Circle One) More	Intense Le	ess Intense	No Bubbles	Subbling - no change in intensity
	Morning	Afternoon		
O2 <i>d</i>	2019	21.0		
Methane	0	0		
H2s O	0	0.0		
PID (VOC)	0,0	0.0		
(Circle One) More	Intense Le	ess Intense	No Bubbles	Bulbbling - no change in intensity
	Morning	Afternoon		
02	20.7	21.0		
Methane	U	0		
H2s C	0.0	0,0		
PID (VOC)	0.0	0.0		
				~
				Bubbling - no
(Circle One) More	Intense L	ess Intense	No Bubbles	change in
te 7 (Central Lake)	Intense L	Afternoon	No Bubbles	change in intensity

0.0

Methane H2s PID (VOC)

				Bubbling - no
Site 8 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles change in intensity
		Morning	Afternoon	
02		20,9	2/10	
Methane		0	0	
HZs		00	0.0	
PID (VOC)		0.0	0.0	
		-0		<b>-</b> 17
Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles Bubbling - no change in intensity
		Morning	Afternoon	
02		2019	209	1
Methane		0	0	
H2s		0,0	0.0	
PID (VOC)		0,0	0.0	1
		0.0		-
Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	No Bubbles Bubbling - no change in intensity
		Morning	Afternoon	-
02		20.4	21.0	
Methane		0	0	
H2s		0.0	0.0	1
PID (VOC)		0.0	0.0	
(155)			1	
				Bubbling - no
Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles change in intensity
		Morning	Afternoon	
02		20.9	21.0	1
Methane		0	0	
H2s		0.0	0.0	
PID (VOC)		0.0	0.0	
Site 17 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles   Bubbling - no change in intensity
		Morning	Afternoon	-
02		Morning 2-0,9	Afternoon	
O2 Methane		1119	Afternoon	
		209	Afternoon 21.0 0	
Methane		209	Afternoon  O  O  O  O  O  O  O  O  O  O  O  O  O	
Methane H2s		209	Afternoon  21.0  0 0.0  0.0	
Methane H2s		209	Afternoon  24.0  0  0.0  0.0	
Methane H2s		DO O O O O O O O O O O O O O O O O O O	D. O O. O D. O Less Intense	No Bubbles Subbling - no change in intensity
Methane H2s PID (VOC) Site 18 (Central Lake)	(Circle One)	0.0	D. O. O. D. Less Intense	No Bubbles   change in
Methane H2s PID (VOC)	(Circle One)	DO O O O O O O O O O O O O O O O O O O	D. O O. O D. O Less Intense	No Bubbles   change in
Methane H2s PID (VOC) Site 18 (Central Lake)	(Circle One)	DO O O O O O O O O O O O O O O O O O O	Less Intense  Afternoon	No Bubbles   change in
Methane H2s PID (VOC) Site 18 (Central Lake)	(Circle One)	DO O O O O O O O O O O O O O O O O O O	D. O. O. D. Less Intense	No Bubbles   change in
Methane H2s PID (VOC) Site 18 (Central Lake) O2 Methane	(Circle One)	DO O O O O O O O O O O O O O O O O O O	Less Intense  Afternoon	No Bubbles   change in
Methane H2s PID (VOC) Site 18 (Central Lake)  O2 Methane H2s PID (VOC)	(Circle One)	DO O O O O O O O O O O O O O O O O O O	Less Intense  Afternoon  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No Bubbles change in intensity  No Bubbles Bubbling - no change in
Methane H2s PID (VOC) Site 18 (Central Lake) O2 Methane H2s	(Circle One)	More Intense  Morning  O. O  O. O  O. O  Morning	Less Intense  Afternoon  0.0  0.0  0.0  Less Intense	No Bubbles change in intensity
Methane H2s PID (VOC) Site 18 (Central Lake)  O2 Methane H2s PID (VOC)	(Circle One)	D	Less Intense  Afternoon  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No Bubbles change in intensity  No Bubbles Bubbling - no change in
Methane H2s PID (VOC) Site 18 (Central Lake)  O2 Methane H2s PID (VOC) Site 21 (Central Lake)	(Circle One)	More Intense  Morning  O. O  O. O  O. O  More Intense	Less Intense  Afternoon  0.0  0.0  0.0  Less Intense	No Bubbles change in intensity  No Bubbles Bubbling - no change in
Methane H2s PID (VOC) Site 18 (Central Lake)  O2 Methane H2s PID (VOC)	(Circle One)	More Intense  Morning  O. O  O. O  O. O  More Intense	Less Intense  Afternoon  0.0  0.0  0.0  Less Intense	No Bubbles change in intensity  No Bubbles Bubbling - no change in

Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense		Subbling - no change in		
				I W	gtensity		
		Morning	Afternoon				
02		20.9	21.0				
Methane		0	0	-			
H2s		0.0	0.0	4			
PID (VOC)		0.0	0.0	_]			
Site 23 (Central Lake)	(Circle Ohe)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
		Morning	Afternoon				
02		20.9	210				
Methane		0	0				
H2s	:	0.0	0.0				
PID (VOC)		0.0	0.0				
Ch. as to	la La V	1	1	1	Bubbling - no		
Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	shange in		
		Morning	Afternoon	_			
02		20.9	21.0				
Methane		0	0				
H2s		0.0	0,0				
PID (VOC)		0.0	0.0	7			
			1 Uco				
Ske 19 (#4 BW Pand)	(Circle One)	More Intense	Less Intense		Bubbling - no		
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(on the Oraș	Smore intende	Less Intense		change in intensity		
		Morning	Afternoon				
02		2019	20.9				
Methane		0	0				
H2s		0.0	0.0				
PID (VOC)		0.0	0.0				
Site 20 (Sheen on Crystal	1						
Creek (Big Pond))	(Circle One)	Present	Not Present				
		Morning	Afternoon				
Oz		N/A	N/A				
Methane	:	N/A	N/A		1)		
H2s	i	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				
02		001	70.9				
Methane		0	0				
H2s		0.0	0,0				
PID (VOC)		0.0	0.0				
e.	Desy sa			The same	Bubbling - no		
7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	change in intensity		
		Morning	Afternoon				
02		2019	200				
Methane		0	0				
H2s		0.0	0.0				
PID (VOC		0.0	0.0				
		OR STATE					

#26 Bubble site (Crystal Lake Big Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling I no change in intensity
		Morning	Afternoon		
02		20,9	2019		
Methane		0	0		
H2s		0.0	0,0		
PID (VOC)		0.0	0.0		
Housekeeping		Check hoses at ear rental pump Check c	or leaks or oil/brine ach connection from to piping tie-in ellar for oil lhead for leaks		
New Observation or comments?	#1	fuel	cell	3/4	
	27	(TaTe	man a	2 M @	