Westlake US 2 Daily Report Date Reported: 9/30/2023

Pressure Data:

<u>9/29/2023 @ 6PM</u>

7B Tubing Press = 72.4 psig 7B Annulus Press = 433.2 psig Downhole Pressure in 7B Tubing = 1423 psig 7B Brine Injection Rate = 321.6 GPM 6X Annulus Press = 175.9 psig PPG 2 Tubing Pressure = 249.1 psig PPG 2 Annulus Press = 341.9 psig PPG 4 Tubing Pressure = 246.6 psig PPG 4 Annulus Press = 261.4 psig

<u>9/30/2023 @ 4AM</u> 7B Tubing Press = 71.4 psig 7B Annulus Press = 432.4 psig

Downhole Pressure in 7B Tubing = 1423 psig 7B Brine Injection Rate = 321.4 GPM 6X Annulus Press = 175.7 psig PPG 2 Tubing Pressure = 248.9 psig PPG 2 Annulus Press = 341.9 psig PPG 4 Tubing Pressure = 247.6 psig PPG 4 Annulus Press = 261.8 psig

Site Observations:

-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:

-Surface Seismic:

-New system is active, MEQ has submitted revised plan and bi-weekly status report. 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. Note: reminder volume removed is measured by truck loading, not enough oil at this time for a truck load. -6X Obstruction Remediation:

-Lonquist submitted proposal to IMD. Work scheduled to start on 10-16.

-3D Seismic:

-Lonquist will be submitting draft of dome contour map.

-Monitoring wells:

-ERM will reach out to WalkerHill about drilling to caprock depths. ERM is working with Lonquist to get UIC-25 submitted. Meeting with IMD will be scheduled for week of 10-9. -Sub-surface Seismic:

-Long lead items have been ordered. We are still on track for installation in early 2024. -Geo-mechanical Studies:

-Respec to provide a Phase 2 proposal to Westlake so a Purchase Order can written, work on phase 2 modeling will begin late next week.

-Insar

-A non-linear trend has been identified and will be watched closely by Tre-Altamira and Lonquist. The latest data set will be submitted by Lonquist today. A non-linear trend is still continuing to be observed in areas of interests as well as outside of the salt formation. At this time, Westlake will continue to monitor the area cautiously, currently nothing abnormal has been observed in areas showing increased ground displacement.



Date: 9-29-23 Sulphur Field Observation Daily Report (Dayshift) Bubbling - no (Circle One) More Intense Less Intense No Bubbles change in Site 1 (E of #22 BW) intensity Morning Afternoon 20.9 02 0 H2S/Methane 11 0.0 H2s 0.0 PID (VOC) Bubbling - no change in (Circle One) More Intense Less Intense No Bubbles Site 3 (Central Lake) intensity Afternoon Morning 20.9 2 1.1 02 0 \mathcal{O} Methane 0.0 1.0 H2s 0.0 0.0 PID (VOC) Babbling - no (Circle One) More Intense Less Intense No Bubbles change in Site 4 (Central Lake) intensity Afternoon Morning 21. 02 Ű O Methane 0.0 0.0 H2s 0.0 2 PID (VOC) Bubbling - no (Circle One) More Intense No Bubbles Less Intense change in Site 5 (Central Lake) intensity Afternoon Morning 20.9 02 0 Methane Ú 0.0 H2s 0.0 -1 PID (VOC) Bubbling - no (Circle One) More Intense Less Intense No Bubbles change in Site 6 (Central Lake) intensity Morning Afternoon 20.9 02 Methane Ø Ø 19.0 .0 H2s 12. 9.0 PID (VOC) Bubbling - no (Circle One) More Intense Less Intense No Bubbles change in Site 7 (Central Lake) intensity Afternoon Morning 9 0 02 Methane Ů 0.0 Ü H2s 0.0 19. PID (VOC)

				\sim
Site 8 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles Bubbling - no change in intensity
02		Morning	Afternoon 20-9 0	
Methane H2s		n.O	0.0	-
PID (VOC)		0.0	0.0	
Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	Bubbling - no chang∉ in intensity
02		Morning 911	Afternoon 20,9	
Methane		0	0	
H2s		0.0	0.0	
PID (VOC)		0.0	0.0	
Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	No Bubbles Bubbling - no change in
		Morning	Afternoon	intensity
02		21.1	20.9	
Methane		00	00	
H2:		0.0	0.0	
PID (VOC		Nº10	10.0	
Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	Bubbling - no
Site 12 (Central Lake)	(circle One)			No Bubbles change in intensity
02	<u>!</u>	Morning 91.1	Afternoon	
Methane		0	0	
H2:	5	0.0	0.0	
PID (VOC)	0,0	0.0	
Site 14 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles change in intensity
o	2	Morning 91.1	Afternoon 20.1	
Methano	e	0	0,	
H2		0.0	0.0	
PID (VOC)	0.0	0.0	
Site 17 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles Bubbling - no charige in intensity
0	,	Morning	Afternoon 20.9	Automaty 1
Methan		0	au	
H2		0.0	0.0	
PID (VOC)	0.0	0.0	
Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles change in
L	1	Morning	Afternoon	intensity
0	2	2/21	20.7	
Methan	e	20	0	
HZ	s	D.U	D.V.	
PID (VOC		0.0	mill	

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Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles Bubbling - no change in
		Morning	Afternoon	intensity
02	-	211	10.2	
	0	XIII	dur	
Methane		0	0.	
H2s		0.0	0,0	
PID (VOC)		0.0	0.0	\sim
	1			()
Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles Bubbling - no change in intensity
		Morning	Afternoon	
02		d!	du. 1	
Methane		0	0	
H2s		00	0.0	
		00	P.O	
PID (VOC)		0.0	0.0	
Site 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles Change in intensity
		Morning	Afternoon	
02		$\alpha_{1.1}$	20.9	\sim
Methane		0	D	1
		00	ňn	4
H2s		0.0	0.0	
PID (VOC)		0.0	0.0	\sim
		,		
Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	Bubbling - no No Bubbles change in intensity
		Morning	Afternoon	
02		21.1	20,9	
Methane		0	D	
		20	60	
H2s		0.0	0.0	~
PID (VOC)		0.0	1.0	
Site 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles thange in Intensity
		Morning	Afternoon	
02		211	20.9	
Methane	1	0	D	
		00		-
H2s		U.V	0.0	\sim
PID (VOC)				
		0.0	0.0	
	1	0.0	0.0	
Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles Bubbling - no change in intensity
Site 19 (#4 BW Pond)	1	More Intense	Less Intense Afternoon	No Bubbles change in
Site 19 (#4 BW Pond) O2	(Circle One)			No Bubbles change in
	(Circle One)	Morning		No Bubbles change in
O2 Methane	(Circle One)	Morning		No Bubbles change in
O2 Methane H2s	(Circle One)	Morning		No Bubbles change in
O2 Methane	(Circle One)	Morning		No Bubbles change in
O2 Methane H2s PID (VOC) Site 20 (Sheen on Crystal	(Circle One)	Morning 2.1, 0.0 0.0 Present	Afternoon 209 0 0 0 20 0	No Bubbles change in
Methane H2s PID (VOC) Site 20 (Sheen on Crystal	(Circle One)	Morning 2.1, 1 0 0.0 0.0	Afternoon 20.9 0 0.0 0.0	No Bubbles change in
O2 Methane H2s PID (VOC) Site 20 (Sheen on Crystal	(Circle One)	Morning 2.1, 0.0 0.0 Present	Afternoon 209 0 0 0 20 0	No Bubbles change in
O2 Methane H2s PID (VOC) Site 20 (Sheen on Crystal Creek (Blg Pond))	(Circle One)	Morning 2.1, 0 0.0 0.0 Present Morning	Afternoon	No Bubbles change in
O2 Methane H2s PID (VOC) Site 20 (Sheen on Crystal Creek (Big Pond)) O2 Methane	(Circle One)	Morning 2.1, 0.0 0.0 Present Morning N/A N/A	Afternoon 209 0 0 0 0 0 0 0 0 0 0 0 0 0	No Bubbles change in
O2 Methane H2s PID (VOC) Site 20 (Sheen on Crystal Creek (Big Pond))	(Circle One)	Morning 21, 00 00 00 00 00 00 00 00 00 00 00 00 00	Afternoon 209 0 0 0 0 0 0 0 0 0 0 0 0 0	No Bubbles change in

#78 Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubiling - no change in intensity
		Morning	Afternoon	-	10
02		211	durt		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		00	0.0		\frown
					1
#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no
#VA blußßen wen alle	(circle one)	More intense	Less intense	NO BUDDIes	change in intensity
		Morning	Afternoon		
02		21.1	20.7		\smile
Methane			D.		
H2s		0.0	0.0		\cap
PID (VOC)		0.0	0.0		
					ρ / \rangle
#26 Bubble site (Crystal Lake				Larvoy .	Bubbling - no
Big Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	dhange in intensity
		Mørning	Afternoon		
02		21.1	20.9	1	
Methane		0	P		
H2s		0.0	0.0		
		4 1	10	-	

#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

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2 Sumple Cuntral lake

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New Observation or comments?

Signature:

	S. T							
				100				
	Central Lake Water Column Profile							
	Sulphur Dome - Calcasieu Parish, Louisiana							
ω. N	Date:		The second se	the second se				
	Depth (ft):	4'						
		Top (Blue)	Middle (Yellow)	Bottom (Red				
	рН	7.43	7.42	741				
lond	SC (uS/cm)	3614	3601	3603				
	ORP (mV)	152	121	-32				
	Temp (°C)	26.5	271	27.3				
	TDS (ppm)	2684	2689	2685				
	Date:		Time:					
	Depth (ft):							
		Top (Blue)	Middle (Yellow)	Bottom (Red				
	pH							
nd -	SC (uS/cm)	N.						
22	ORP (mV)		v),	y				
2	Temp (°C)							
	TDS (ppm)	1						
	Date:		Time:	1				
	Depth (ft):							
		Top (Blue)	Middle (Yellow)	Bottom (Red				
	pH			ALTRA ALTRA				
nd.	SC (uS/cm)							
	ORP (mV)							
	Temp (°C)	V. 10+						
	TDS (ppm)	201		0				
	Ministry, Street							
	Date:	54.	Time:					
	Depth (ft):	34 11						
		Top (Blue)	Middle (Yellow)	Bottom (Red				
	pH							
ond	SC (uS/cm)		- 27					
	ORP (mV)							
	Temp (°C)							
	TDS (ppm)							

Date: 9-29-23

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm -	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Tubing Pressure	71.9	72.4	72.4	72,1	72.0	71.6	71.6	72.0	71.9	71.6	71.6	71.7
7b Annulus Pressure	433.3	433,2	433.D	432.7	432.6	432.6	432.3	432.5	432.4	432.6	432.5	5-432.4
7b Injection Rate	320.9	321.6	321.9	321.7	321.8	322.0	3217	321.6	321.4	321.4	321.7	321.4
7b Downhole Gauge	1423/42	1423/93	-1423/92	1423/42	1423/92	1423/92	1423/92	1423/92	1423/92	1423/92	1423/92	1423/12
6x Pressure	175.9	175.9	175.9	175.9	175.8	175.8	175.8	175.8	175.8	175.7	175,7	175,7
2 Tubing Pressure		249.1										2489
2 Annulus Pressure		341.9										341.9
4 Tubing Pressure		246.6										247.6
		261.4						30				261.8
4 Annulus Pressure	8											



