Westlake US 2 Daily Report Date Reported: 10/20/2023

## **Pressure Data:**

10/19/2023 @ 6PM

7B Tubing Press = 68.0 psig

7B Annulus Press = 429.6 psig

Downhole Pressure in 7B Tubing = 1419 psig

7B Brine Injection Rate = 318.7 GPM

6X Annulus Press = 173.5 psig

PPG 2 Tubing Pressure = 249.4 psig

PPG 2 Annulus Press = 374.1 psig

PPG 4 Tubing Pressure = 247.1 psig

PPG 4 Annulus Press = 255.7 psig

#### 10/20/2023 @ 4AM

7B Tubing Press = 68.6 psig

7B Annulus Press = 429.8 psig

Downhole Pressure in 7B Tubing = 1420 psig

7B Brine Injection Rate = 321.6 GPM

6X Annulus Press = 173.3 psig

PPG 2 Tubing Pressure = 249.6 psig

PPG 2 Annulus Press = 375.3 psig

PPG 4 Tubing Pressure = 247.5 psig

PPG 4 Annulus Press = 256.0 psig

## **Site Observations:**

-Marsh buggy was used to excavate around the unknown wellhead W of #7. Vendor was able to excavate up to 6' deep around the object so we expect no underground piping connections. Westlake is working on dewatering the pond to get a better visual on the excavation area. Pics will be provided once the water is removed.

## **Operational Notes:**

- -Gas removal or oil withdrawal:
  - -No gas was removed yesterday.
  - -Westlake operations did not attempt oil withdrawal from #7 to frac tank yesterday.
- -6X Obstruction Remediation:
- -Snubbing rig is in place. Expect to be running tools in the borehole today to attempt to remove obstruction.
- -3D Seismic:
  - -Lonquist will be providing IMD deliverable dates today. (remove after Friday)
- -Monitoring wells:
  - -Work plans submitted. Well driller tentatively scheduled for early November.
- -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 now funded and on-going.
- -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 Dally Report (Nightshift)

	5pm	6pm -	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Tubing Pressure	67.6	68.0	67.2	67.8	67.8	681	68.4	68.3	68.0	68.3	68.7	68.6
7b Annulus Pressure	429.7	429.6	429.4	429.5	429.5	429.5	429.7	429.6	429.4	429.8	429.7	429.8
7b Injection Rate	318.7	318.7	319.1	319.8	320.5	321.1	321.6	321.7	321.5	321.3	321.7	321.6
7b Downhole Gauge	1419/92	1419/91	1419/91	1419/92	1419/92	1419/92	1420/92	1420/92	1429/92	1430/92	1420/92	1420/92
6x Pressure	173.5	173.5	173.4	173.4	173.4	173.4	173.4	173.4	173.3	173.4	1733	173-3
2 Tubing Pressure	<u> </u>	249.4										249.6
2 Annulus Pressure	0_	374.1										375.3
		247.1										247.5
4 Tubing Pressure		255.7										256.0
4 Annulus Pressure								6				

Site 9 (#4 BW Pond)  OZ  Methane  H23  PID (VOC)  (Circle One)	Site 10 (Vellowrock #7)  Oz  Methane  H23  PID (VOC)  (Circle One)	7A Plugged Well Site  Oz  Methane Hzs  PID (VOC)  (Circle One)	Site 1 (E of #22 BW)  O2  Methane  H2s  PID (VOC)  (Circle One)
More Intense	More Intense	More Intense	More Intense
Lass intense	Less Intense	Less Intense	Less intense
No Bubbles	No Bubbles	No Bubbles	No Bubhles
Bubbling - no change in intensity	Bubbling - no change in Intensity	Bubbling - no change in intensity	Bubbling - no change in intensity
8000	0008	0009	000
CCO &	C C C . X	0000	COO. X

Signature: New Observation, intensity changes, or comments? #7 Well Pad Site General Housekeeping #75 Wellhead Cellar Site 19 [#4 BW Pond] PID (VOC) Methane PID (VOC) Methane H725 22 H2s 00 Check Berms for leaks or oil/brine
Check hoses at each connection from rental pump to piping tie-in
Check ealler for oil
Check Wellhead for leaks (Circle One) (Circle One) More Intense More Intense Less intense Less Intense No Bubbles No Bubbles Bubbling - no change in intensity Babbling - no change in intensity 20.8 00

# Sulphur Field Observation Daily Report (Dayshift)

		L		meport (Daysiii)	
Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubble	e fair fa m
		Morning	Afternoon		intensity
02	2	20.9	20.9		
H2S/Methane	!	0	0		
H2s		0.0	67		
PID (VOC)		0.0	D		
Site 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in
M. Carlotte	1)	Morning	Afternoon		intensity
02		20.9	21.0		$\sim$
Methane		0	0	-	
H2s		0.0		$\dashv$	
PID (VOC)			0	-	
1		0.0	0		01920
Site 4 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - nd change in intensity
		Morning	Afternoon		Intenset
02		LQ.Y	20.9		
Methane	İ	0	0		
H2s	1	0.0	0		
PID (VOC)	L	0.0	0		
Site 5 (Central Lake)	Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
02	+	Morning	Afternoon		
Methane	-	20.9	20.7	1	
H2s	-	9	9	4	
PID (VOC)		0.0	0		
	L.	0.0	0	J	
Site 6 (Central Lake)	rcle One) N	lore Intense	Less Intense	No Bubbles	Bubbling no change in intensity
O2	-	Morning	Afternoon		( )
	-	20.9	20.9		
Methane	-	0	9		
H2s PID (VOC)	0.0	0			
110 (400)	-	0.0	0	J,	
Site 7 (Central Lake)	cle One) Mo		Less Intense	No Bubbles	Bubbling - no
		Morning	Afternoon	1	ntensity
02		40.4	20.9		
Methane	_	0	0		
H2s		0.0	0		
PID (VOC)	-	1.0	Q		

W

Methane		0	0		
H2s	i	0.0	0		
PID (VOC)		0.0	0		
Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in intensity
02		Morning 20.9	Afternoon		
		-2.0	20.9		
Methane		0	0	-	
H2s		0	0	-	
PID (VOC)		40		_	
Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon	_	
02		20.9	20.9	_	
Methane			0		
H2s		e. c	0.0		
PID (VOC)		0/5	0.0	_	
Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Subblive - no change in intensity
		Morning	Afternoon		
02		20.9	70.4		
Methane			0		
H2s		00	0	_	
PID (VOC)		0.0	0		
Site 14 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
02		20.9	20.9	4	
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		
lite 17 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
	(Circle One)	More Intense  Morning	Less Intense  Afternoon	No Bubbles	
02	(Circle One)	Morning 20.9		No Bubbles	change in
O2 Methane	(Circle One)	Morning 20.9	Afternoon	No Bubbles	change in
02	(Circle One)	Morning 20.9	Afternoon	No Bubbles	change in
O2 Methane H2s	(Circle One)	Morning 20.9	Afternoon	No Bubbles	change in
O2 Methane H2s PID (VOC)	(Circle One)	Morning 20.9	Afternoon	No Bubbles  No Bubbles	change in intensity
O2 Methane H2s PID (VOC)		Morning 20.9 0.0 More Intense	Afternoon 20.9 0 0		change in interbity
O2 Methane H2s PID (VOC)		Morning 20.9 0.0 0.0 More Intense	Afternoon 20.9  D D D Less Intense		change in intensity

H2s

PID (VOC)

0.0

0.0

	T	V		1	Bubbling - ho
Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	change in intensity
		Morning	Afternoon		I I I I I I
O2		20.9	20.9		
Methane		0	Ω		
H2s		0.0	۵		
PID (VOC)		0.0	0	1	
		4.4		1	
Site 22 (Central Lake)	(Cìrcle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change In intensity
		Morning	Afternoon		
02		20.9	20.9		
Methane	0	0			
H2s		0.0	0	7	
PID (VOC)		0.0	0		
		Miles cost		<del>-1</del> :	
Site 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling no change in intensity
		Morning	Afternoon		
02		20.4	20.9		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		00	0	1	
				3	
Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Change in intensity
		Morning	Afternoon		
02		20.9	20.9		
Methane		0	0		
H2s		22	0		
1125		0 -	0		
PID (VOC)		0.0	0		
		0.0		}	
PID (VOC)	(Circle One)	O. Q  More Intense		No Bubbles	Bubbling - ho change in interesty
PID (VOC)	(Circle One)	0.0	Less Intense	No Bubbles	change in
PID (VOC)	(Circle One)	More Intense	less Intense	No Bubbles	change in
PID (VOC)	(Circle One)	More Intense  Morning  20.9	Less Intense  Afternoon	No Bubbles	change in
PID (VOC) lite 25 (Central Lake)  O2  Methane	(Circle One)	More Intense  Morning  20.9	Less Intense  Afternoon	No Bubbles	
PID (VOC) iite 25 (Central Lake)  O2  Methane  H2s	(Circle One)	More Intense  Morning  20.9  0.0	Less Intense  Afternoon	No Bubbles	change in
PID (VOC) lite 25 (Central Lake)  O2  Methane	(Circle One)	More Intense  Morning  20.9	Less Intense  Afternoon	No Bubbles	change in
PID (VOC)  Filte 25 (Central Lake)  O2  Methane  H2s  PID (VOC)	(Circle One)	More Intense  Morning  20.9  0.0	Less Intense  Afternoon	No Bubbles	change in interests.  Bubbling in change in
PID (VOC)  O2  Methane  H2s  PID (VOC)		More Intense  Morning  20.9  0.0  0.0	Less Intense  Afternoon  20, 9  0  Less Intense  Afternoon		change in interview
PID (VOC)  O2  Methane H2s PID (VOC)  ite 19 (#4 BW Pond)		More Intense  Morning  20.9  0.0  0.0  More Intense  Morning  20.9	Less Intense  Afternoon  20, 9  0  0  Less Intense		change in interests.  Bubbling in change in
PID (VOC)  O2  Methane  H2s  PID (VOC)		More Intense  Morning  20.9  0.0  0.0  More Intense	Less Intense  Afternoon  20, 9  0  Less Intense  Afternoon		change in interests.  Bubbling in change in
PID (VOC)  O2  Methane H2s PID (VOC)  ite 19 (#4 BW Pond)		More Intense  Morning  20.9  0.0  0.0  More Intense  Morning  20.9	Less Intense  Afternoon  20, 9  0  0  Less Intense  Afternoon		change in interests.  Bubbling in change in
PID (VOC)  ilte 25 (Central Lake)  O2  Methane  H2s  PID (VOC)  Ite 19 (#4 BW Pond)  O2  Methane		More Intense  Morning  20.9  0.0  0.0  More Intense  Morning  20.9	Less Intense  Afternoon  20, 9  0  0  Less Intense  Afternoon		change in interests.  Bubbling The change in
PID (VOC)  O2  Methane H2s PID (VOC)  Ite 19 (#4 BW Pond)  O2  Methane H2s PID (VOC)	Circle One)	More Intense  Morning  20.9  0.0  0.0  More Intense  Morning  20.9	Less Intense  Afternoon  20, 9  0  0  Less Intense  Afternoon		change in interests.  Bubbling in change in
PID (VOC)  O2  Methane H2s PID (VOC)  ite 19 (#4 BW Pond)  O2  Methane H2s PID (VOC)	Circle One)	More Intense  Morning  20.9  0.0  0.0  More Intense  Marning  20.9	Less Intense  Afternoon  20, 9  0  Less Intense  Afternoon  20, 9  0  0		change in interests.  Bubbling in change in
PID (VOC)  O2  Methane H2s PID (VOC)  ite 19 (#4 BW Pond)  O2  Methane H2s PID (VOC)	Circle One)	More Intense  Morning  20.9  0.0  0.0  More Intense  Morning  20.9  Present  Morning	Less Intense  Afternoon  20, 9  0  Less Intense  Afternoon  20, 9  0  Not Present  Afternoon		change in interests.  Bubbling The change in
PID (VOC)  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)	More Intense  Morning  20.9  0.0  0.0  More Intense  Morning  20.9  Present  Morning	Less Intense  Afternoon  20, 9  0  Less Intense  Afternoon  20, 9  Not present  Afternoon  N/A		change in interests.  Bubbling The change in
PID (VOC)  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)	More Intense  Morning  20.9  0.0  0.0  More Intense  Morning  20.9  Present  Morning	Less Intense  Afternoon  20, 9  0  Less Intense  Afternoon  20, 9  0  Not Present  Afternoon		change in interests.  Bubbling in change in

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#7B Wellhead Cellar	(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	0		
PID (VOC)		0.0	0		
				=/:	
#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
02		21.0	20,9		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		
					6
#26 Bubble site (Crystal Lake Big Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
02		20.9	10-9		
Methane		0	0	400	
H2s		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?

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Signature:

MC