

Westlake US 2 Daily Report

Date Reported: 3/15/2024

Pressure Data:

Time	BW #7B Tubing Pressure (PSI)	BW #7B Casing Pressure (PSI)	BW #7B Downhole Pressure @ 2,650' (PSI)	#7B Brine Injection Flow (GPM)	BW #6X Casing Pressure (PSI)	BW #2 Tubing Pressure (PSI)	BW #2 Casing Pressure (PSI)	BW #4 Tubing Pressure (PSI)	BW #4 Casing Pressure (PSI)
3/14/24 5:00 AM	68.918	430.698	1416.000	317.532	158.002	259.694	611.016	257.062	265.998
3/14/24 6:00 AM	68.897	430.723	1416.000	317.532	158.004	259.729	611.043	257.092	266.010
3/14/24 7:00 AM	68.907	430.731	1416.000	317.553	158.013	259.758	611.056	257.116	266.023
3/14/24 8:00 AM	68.956	430.787	1416.000	317.591	158.073	259.807	611.071	257.186	266.113
3/14/24 9:00 AM	68.995	430.904	1416.000	317.550	158.119	259.879	611.133	257.307	266.237
3/14/24 10:00 AM	69.134	431.043	1416.000	317.426	158.154	259.901	611.165	257.448	266.378
3/14/24 11:00 AM	69.261	431.352	1416.000	316.497	158.207	260.013	611.226	257.656	266.518
3/14/24 12:00 PM	69.342	431.513	1416.000	316.762	158.286	260.072	611.316	257.552	266.404
3/14/24 1:00 PM	68.989	431.204	1416.000	317.218	158.322	260.090	611.301	257.408	266.306
3/14/24 2:00 PM	68.969	431.104	1416.000	317.358	158.394	260.137	611.331	257.474	266.367
3/14/24 3:00 PM	68.916	431.176	1416.000	317.377	158.408	260.195	611.363	257.538	266.436
3/14/24 4:00 PM	68.690	431.023	1416.000	317.509	158.467	260.194	611.358	257.490	266.364
3/14/24 5:00 PM	68.717	430.930	1416.000	317.574	158.485	260.219	611.365	257.495	266.390
3/14/24 6:00 PM	68.630	430.846	1416.000	317.566	158.525	260.222	611.376	257.531	266.430
3/14/24 7:00 PM	68.648	430.788	1416.000	317.577	158.547	260.285	611.383	257.590	266.483
3/14/24 8:00 PM	68.620	430.762	1416.000	317.715	158.554	260.315	611.391	257.634	266.534
3/14/24 9:00 PM	68.750	430.781	1416.000	317.809	158.559	260.359	611.423	257.679	266.577
3/14/24 10:00 PM	68.877	430.820	1416.000	317.745	158.619	260.403	611.446	257.718	266.664
3/14/24 11:00 PM	68.749	430.896	1416.000	318.020	158.651	260.450	611.461	257.781	266.712
3/15/24 12:00 AM	68.442	430.989	1416.000	318.317	158.711	260.461	611.513	257.811	266.747
3/15/24 1:00 AM	68.978	431.090	1416.000	317.849	158.711	260.499	611.529	257.843	266.773
3/15/24 2:00 AM	69.538	431.194	1416.000	317.322	158.762	260.520	611.562	257.890	266.807
3/15/24 3:00 AM	69.741	431.266	1416.000	317.279	158.790	260.567	611.565	257.917	266.858
3/15/24 4:00 AM	69.692	431.344	1416.000	317.370	158.850	260.617	611.577	257.963	266.914
3/15/24 5:00 AM	69.680	431.442	1416.000	317.386	158.873	260.653	611.609	258.001	266.923
3/15/24 6:00 AM	69.714	431.547	1416.000	317.436	158.898	260.675	611.625	258.035	266.961

Site Observations:

-None

Operational Notes:

Walker Hill drilled inside the 5" casing to 690' bgs at MW-2 (700'). A well was installed at MW-2 (700'), screened 680-690' bgs. The well was flushed with fresh water and then developed by airlifting. MW-2 (500') was topped off with grout. One load of fluids/mud (72 bbls) and one load of mud (roll off box, 30 bbls) were sent to R360. The plan for today is to top off grout at MW-2 (700') and to complete pads at the MW-2 location.





Date: 3/14/24

SUBJECT: Westlake Daily Operational Summary

- #7 Brine Injection Source: #22, #21, #18, or Starks Tie-In (Circle One)
- Brine Well #7:

○ Bled Oil from cavern? Y or N (Circle One)

■ If yes, provide frac tank level:

- **Brine Well #4:**

○ Bled brine from cavern? Y or ~~N~~ (Circle One)

○ Bled gas from annulus? Y or N (Circle One)

■ If yes, provide pressures below:

Before: After:

- **Brine Well #2:**

○ Bled brine from cavern? Y or N (Circle One)

○ Bled gas from annulus? Y or N (Circle One)

■ If yes, provide pressure below:

Before: After:

- **Miscellaneous Comments:**

Date: 3-14-24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	0.00
Water Well #12	152.6
Water Well #13	169.9
Water Well #19	0.00
Water Well #40	0.00

Downhole Gauge #7 Brine Well	Morning	Afternoon
	1416	1416

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2	21.1	21.1	
		H2S/Methane	0	0	
		H2s	0	0	
		PID (VOC)	0	0	

Site 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2	21.1	21.1	
		Methane	0	0	
		H2s	0	0	
		PID (VOC)	0	0	

Site 4 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2	21.1	21.1	
		Methane	0	0	
		H2s	0	0	
		PID (VOC)	0	0	

Site 5 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2	21.1	21.1	
		Methane	0	0	
		H2s	0	0	
		PID (VOC)	0	0	

Site 6 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2	21.1	21.1	
		Methane	0	0	
		H2s	0	0	
		PID (VOC)	0	0	

Site 7 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 8 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.2		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 14 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 17 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 20 (Sheen on Salt Lake (Big Pond))	(Circle One)	Present	<u>Not Present</u>
		Morning	Afternoon
	O2	N/A	N/A
	Methane	N/A	N/A
	H2s	N/A	N/A
	PID (VOC)	N/A	N/A

#7B Wellhead Cellar	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.0	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.0	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

#26 Bubble site (Salt Lake (Big Pond))	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

#27 Bubble site (Road S of Yellow rock shop)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

#28 Bubble site (MW-2 500' Well)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.1	21.1		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	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

Signature:

LA

New Observation or comments?

H2s samples @ central lake

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	3-14-24	Time:	8:40 am
Depth (ft):	5 ft		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.69	7.63	7.53
SC (uS/cm)	2059	2044	2073
ORP (mV)	171	152	-135
Temp (°C)	22.6	22.4	22.5
TDS (ppm)	1519	1507	1532

Cond -

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond.

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Cond

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Date: 3-14-24

Sulphur Field Observation Daily Report (Nightsht)

7b Downhole Gauge	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
	1416	1416	1416	1416	1416	1416	1416	1416	1416	1416	1416	1416

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.0				20.1
Methane	0.0				0.0
H2S	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
O2	21.0				21.1
Methane	0.0				0.0
H2S	0.0				0.0
PID (VOC)	0.0				0.0

Site 10 (Yellowrock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.0				21.1
Methane	0.0				0.0
H2S	0.0				0.0
PID (VOC)	0.0				0.0

Site 9 (H4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.0				21.1
Methane	0.0				0.0
H2S	0.0				0.0
PID (VOC)	0.0				0.0

Site 19 (44 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.0				21.1
Methane	0.0				0.0
H2S	0.0				0.0
PID (VOC)	0.0				0.0
					20.9
					0.0
					0.0
					0.0

#7b Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.0				21.1
Methane	0.0				0.0
H2S	0.0				0.0
PID (VOC)	0.0				0.0
					20.9
					0.0
					0.0
					0.0

#27 Bubble site (Road S of Yellow rock shop)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.0				21.1
Methane	0.0				0.0
H2S	0.0				0.0
PID (VOC)	0.0				0.0
					20.9
					0.0
					0.0
					0.0

#28 Bubble site (NW-2 500 Well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.0				21.1
Methane	0.0				0.0
H2S	0.0				0.0
PID (VOC)	0.0				0.0
					20.9
					0.0
					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
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New Observation, intensity changes, or comments?	
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Signature: *Edie Vella*