

## Westlake US 2 Daily Report

Date Reported: 4/27/2024

### 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)
4/26/24 5:00 AM	70.426	427.078	1410.000	357.132	667.579	243.913	659.676	240.864	262.383
4/26/24 6:00 AM	70.843	427.416	1410.000	357.229	667.578	243.971	659.962	240.911	262.460
4/26/24 7:00 AM	66.584	427.378	1410.000	238.773	667.596	244.037	660.268	241.007	262.600
4/26/24 8:00 AM	69.051	426.071	1410.000	331.891	667.602	244.102	660.475	241.126	262.702
4/26/24 9:00 AM	70.408	426.727	1410.000	354.715	667.631	244.165	660.841	241.256	262.861
4/26/24 10:00 AM	70.287	427.108	1410.000	349.012	667.690	243.140	660.439	207.739	255.905
4/26/24 11:00 AM	70.535	427.240	1410.000	349.512	667.712	240.449	659.104	196.561	248.915
4/26/24 12:00 PM	70.317	427.437	1411.000	346.731	667.732	237.921	657.889	194.266	246.045
4/26/24 1:00 PM	70.817	427.768	1411.000	346.508	667.795	235.450	656.958	192.086	243.401
4/26/24 2:00 PM	70.598	427.894	1411.000	343.426	667.832	233.503	656.439	211.989	241.858
4/26/24 3:00 PM	70.051	427.753	1411.000	341.424	667.832	233.603	657.229	227.495	242.767
4/26/24 4:00 PM	70.163	427.656	1411.000	341.305	667.851	233.797	658.083	228.097	243.502
4/26/24 5:00 PM	70.338	427.594	1411.000	341.470	667.860	233.947	658.883	228.601	244.129
4/26/24 6:00 PM	70.362	427.571	1410.000	341.587	667.880	234.117	659.693	229.045	244.802
4/26/24 7:00 PM	70.283	427.459	1410.000	341.659	667.838	234.222	660.434	229.345	245.345
4/26/24 8:00 PM	70.129	427.357	1410.000	341.688	667.869	234.330	661.164	229.610	245.925
4/26/24 9:00 PM	70.049	427.267	1410.000	341.784	667.814	234.437	661.867	229.865	246.488
4/26/24 10:00 PM	70.092	427.213	1410.000	342.040	667.814	234.528	662.565	230.100	247.049
4/26/24 11:00 PM	70.030	427.138	1410.000	342.304	667.832	234.629	663.248	230.310	247.586
4/27/24 12:00 AM	70.061	427.124	1410.000	342.493	667.845	234.718	663.910	230.503	248.119
4/27/24 1:00 AM	69.929	427.024	1410.000	342.628	667.854	234.811	664.532	230.681	248.629
4/27/24 2:00 AM	70.037	427.042	1410.000	342.921	667.878	234.897	665.147	230.861	249.127
4/27/24 3:00 AM	69.979	426.990	1410.000	342.911	667.845	234.997	665.720	231.022	249.580
4/27/24 4:00 AM	69.919	426.954	1410.000	343.000	667.837	235.069	666.268	231.186	250.060
4/27/24 5:00 AM	69.969	426.963	1410.000	343.053	667.887	235.158	666.817	231.318	250.500

### Site Observations:

-None

### Operational Notes:

- All deformation monument locations have been drilled. Pinnacle will be on site starting Monday to install GPS and tiltmeters.
- Bled brine and gas from #4 BW.
- Switched pumps and now pumping brine from #22 BW.



# Westlake

Date: 4-26-24

## 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  (Circle One)

- If yes, provide frac tank level:

- Brine Well #4:

- Bled brine from cavern?  or N (Circle One)

- Bled gas from annulus?  or N (Circle One)

- If yes, provide pressures below:

- Before: 261 #                      After: 263 #

- Brine Well #2:

- Bled brine from cavern? Y or  (Circle One)

- Bled gas from annulus? Y or  (Circle One)

- If yes, provide pressure below:

- Before:                                      After:

- Miscellaneous Comments: Stopped Starks tie in pump  
Swapped out bad pump at 7B + started flow from BW22

Date: 4/26/24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	0.00
Water Well #12	0.00
Water Well #13	0.00
Water Well #19	1570.2
Water Well #40	0.00

Downhole Gauge #7 Brine Well	Morning	Afternoon
	1410	1411

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2 20.8	21.2		
		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 20.7	21.0		
		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 20.7	21.0		
		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 20.7	21.0		
		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 20.7	21.0		
		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	20.7			21.0
		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	20.7			21.0
		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	20.6			21.0
		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	20.8			21.0
		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	20.7			21.0
		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	20.7			21.0
		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	20.7			21.0
		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	20.7	21.0		
	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	20.7	21.0		
	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	20.7	21.0		
	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	20.7	21.0		
	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	20.7	21.0		
	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	20.7	21.0		
	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	20.8	21.0		
	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
	PID (VOC)	N/A	N/A

#7B Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O2	20.8	21.2		
	Methane	0	0		
	PID (VOC)	0	0		

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O2	20.8	21.2		
	Methane	0	0		
	PID (VOC)	0	0		

#26 Bubble site (Salt Lake (Big Pond))	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O2	20.8	21.2		
	Methane	0	0		
	PID (VOC)	0	0		

#27 Bubble site (Road S of Yellow rock shop)	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O2	20.8	21.2		
	Methane	0	0		
	PID (VOC)	0	0		

#28 Bubble site (MW-2 500' Well)	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O2	20.8	21.2		
	Methane	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:

*[Handwritten Signature]*

New Observation or comments?

H2O samples @ central

### Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	4/26/24	Time:	9:52
Depth (ft):	5 ft. 3		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.69	7.02	7.45
SC (uS/cm)	2181	2169	2199
ORP (mV)	107	103	-104
Temp (°C)	25.5	25.3	25.1
TDS (ppm)	1412	1605	1626

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: 4-26-24

Sulphur Field Observation Daily Report (Nightshift)

7b Downhole Gauge	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
	1411	1410	1410	1410	1410	1410	1410	1410	1410	1410	1410	1410

Site 1 (E of #22 BW)	Circle One	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
	O2	20.9			
	Methane	0			
	H2S	0			
PID (VOC)	0				

7A Plugged Well Site	Circle One	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
	O2	20.9			
	Methane	0			
	H2S	0			
PID (VOC)	0				

Site 1b (Yellowrock #7)	Circle One	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
	O2	20.9			
	Methane	0			
	H2S	0			
PID (VOC)	0				

Site 9 (H4 BW Pond)	Circle One	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
	O2	20.9			
	Methane	0			
	H2S	0			
PID (VOC)	0				

Site 19 (H4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
	O2	20.5					20.9	21.0
	Methane	0.0					0.0	0.0
	H2S	0.0					0.0	0.0
	PH (pH)	0.0					0.0	0.0

#7b Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
	O2	20.7					20.5	21.0
	Methane	0.0					0.0	0.0
	H2S	0.0					0.0	0.0
	PH (pH)	0.0					0.0	0.0

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

#78 Bubble site (MW-2 500' Well)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
	O2	20.9					20.9	21.0
	Methane	0.0					0.0	0.0
	H2S	0.0					0.0	0.0
	PH (pH)	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 tin

Check cellar for oil

Check Wellhead for leaks

New Observation, intensity changes, or comments?

Signature

Eddie Velle