

Westlake US 2 Daily Report

Date Reported: 4/13/2024

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)
4/12/24 5:00 AM	69.063	429.461	1413.000	330.689	177.874	248.906	570.408	246.070	258.691
4/12/24 6:00 AM	69.013	429.436	1413.000	330.565	177.876	248.941	570.413	246.142	258.736
4/12/24 7:00 AM	67.789	429.156	1413.000	321.389	177.864	248.908	570.327	246.207	258.819
4/12/24 8:00 AM	68.737	428.905	1413.000	324.033	177.811	248.951	570.346	246.324	258.937
4/12/24 9:00 AM	68.730	429.027	1413.000	322.938	177.798	249.042	570.748	246.697	259.340
4/12/24 10:00 AM	67.922	428.935	1413.000	317.898	177.844	249.162	571.063	246.924	259.385
4/12/24 11:00 AM	67.605	428.797	1413.000	317.362	177.882	249.299	571.225	246.942	259.369
4/12/24 12:00 PM	67.328	428.646	1413.000	318.223	177.975	248.482	570.859	213.548	256.882
4/12/24 1:00 PM	67.467	428.535	1412.000	322.672	177.995	245.812	569.364	201.204	252.236
4/12/24 2:00 PM	67.405	428.490	1412.000	323.842	178.055	243.220	568.437	198.672	249.174
4/12/24 3:00 PM	67.659	428.406	1412.000	326.816	178.090	240.857	567.951	206.326	246.799
4/12/24 4:00 PM	68.297	428.444	1412.000	330.883	178.120	240.464	568.818	234.147	247.241
4/12/24 5:00 PM	68.220	428.434	1412.000	331.258	178.141	240.671	570.251	234.860	247.804
4/12/24 6:00 PM	68.153	428.365	1412.000	331.648	178.190	240.755	571.796	235.144	248.161
4/12/24 7:00 PM	68.065	428.204	1412.000	332.026	178.206	240.800	573.157	235.362	248.560
4/12/24 8:00 PM	68.029	428.017	1412.000	332.189	178.134	240.853	574.603	235.707	248.894
4/12/24 9:00 PM	68.108	427.966	1412.000	332.528	178.090	240.934	576.102	236.056	249.238
4/12/24 10:00 PM	68.268	427.925	1412.000	332.945	178.071	241.029	577.592	236.309	249.492
4/12/24 11:00 PM	68.528	427.957	1412.000	333.628	178.025	241.094	579.058	236.536	249.751
4/13/24 12:00 AM	68.837	428.045	1413.000	334.494	178.008	241.173	580.490	236.781	249.999
4/13/24 1:00 AM	68.814	428.119	1413.000	334.570	178.001	241.278	581.909	237.007	250.241
4/13/24 2:00 AM	68.716	428.170	1413.000	333.727	177.980	241.376	583.296	237.204	250.458
4/13/24 3:00 AM	68.733	428.179	1413.000	333.401	177.973	241.450	584.669	237.372	250.644
4/13/24 4:00 AM	68.710	428.180	1413.000	333.112	177.963	241.540	586.015	237.527	250.822
4/13/24 5:00 AM	68.775	428.209	1413.000	333.018	177.938	241.613	587.116	237.661	251.017
4/13/24 6:00 AM	68.441	428.226	1413.000	332.634	177.964	241.671	588.162	237.825	251.185
4/13/24 7:00 AM	68.489	428.182	1413.000	333.068	177.968	241.723	588.825	238.006	251.421

Site Observations:

-Central lake water quality results attached in observation report.

Operational Notes:

-Switched to #22 brine well for injection into #7



Westlake

Date: 4-12-24

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: Stopped stacks tie in pump and let 22 BW to 7B

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	4-12-24	Time:	7:38 am
Depth (ft):	5 ft 5		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.57	7.45	7.53
SC (uS/cm)	2021	2034	2031
ORP (mV)	135	116	-38
Temp (°C)	20.5	20.0	20.7
TDS (ppm)	1498	1506	1503

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: 4-12-24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	0.00
Water Well #12	1557.
Water Well #13	0.00
Water Well #19	0.00
Water Well #40	0.00

Downhole Gauge #7 Brine Well	Morning	Afternoon
	1413	1412

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		21.1	21.0		
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	21.0		
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		21.1	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		21.1	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		21.1	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	21.0	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	21.0	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	21.1	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	21.1	21.1		
	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	21.0		
	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	21.1	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	21.1	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	21.1	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	21.1	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	21.1	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	21.1	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	21.1	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	21.1	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	21.1	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

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

#7B Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		21.1	20.9		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		21.1	20.9		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

#26 Bubble site (Salt Lake (Big Pond))	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		21.2	21.0		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

#27 Bubble site (Road 5 of Yellow rock shop)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		21.1	21.0		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

#28 Bubble site (MW-2 500' Well)	(Circle One)	More Intense	Less Intense	No Bubble	Bubbling - no change in intensity
		Morning	Afternoon		
O2		21.1	21.0		
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
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New Observation or comments?

H2O samples @ central pond

Signature:

LA

Date: 4-12-24

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Downhole Gauge	1412	1412	1412	1412	1412	1412	1412	1413	1413	1413	1413	1413

Site 1 (E of H22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						21.0	21.0
Methane	0.0						0.0	0.0
H2s	0.0						0.0	0.0
PID (VOC)	0.0						0.0	0.0

7A Plugged Well Site		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						21.0	21.0
Methane	0.0						0.0	0.0
H2s	0.0						0.0	0.0
PID (VOC)	0.0						0.0	0.0

Site 10 (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						21.0	21.0
Methane	0.0						0.0	0.0
H2s	0.0						0.0	0.0
PID (VOC)	0.0						0.0	0.0

Site 9 (#4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						21.0	21.0
Methane	0.0						0.0	0.0
H2s	0.0						0.0	0.0
PID (VOC)	0.0						0.0	0.0

Site 19 (H4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.1					
Methane	0.0					
H2S	0.0					
pH (VOC)	0.0					
#7b Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.1					
Methane	0.0					
H2S	0.0					
pH (VOC)	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	20.1					
Methane	0.0					
H2S	0.0					
pH (VOC)	0.0					

#28 Bubble site (MW-2 500 Well)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.1					
Methane	0.0					
H2S	0.0					
pH (VOC)	0.0					

#7 Well Pad Site General Housekeeping		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.1					
Methane	0.0					
H2S	0.0					
pH (VOC)	0.0					

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, intensity changes, or comments?

Edali Vella