

Westlake US 2 Daily Report

Date Reported: 2/17/2024

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)
2/16/24 5:00 AM	69.902	430.405	1415.000	325.902	145.007	258.352	637.167	255.803	264.185
2/16/24 6:00 AM	69.760	430.421	1415.000	324.548	145.004	257.465	636.680	222.303	261.711
2/16/24 7:00 AM	69.386	430.317	1415.000	322.558	145.083	254.734	635.043	210.255	256.975
2/16/24 8:00 AM	69.096	430.084	1415.000	321.233	145.066	252.093	633.489	207.736	253.837
2/16/24 9:00 AM	69.458	429.963	1415.000	322.792	145.133	249.535	632.046	205.383	251.062
2/16/24 10:00 AM	69.207	429.938	1415.000	322.565	145.125	247.032	630.778	203.159	248.429
2/16/24 11:00 AM	69.369	430.031	1415.000	325.049	145.181	244.579	629.541	201.068	245.896
2/16/24 12:00 PM	69.497	429.811	1415.000	324.107	145.198	243.508	629.388	235.260	245.688
2/16/24 1:00 PM	70.128	429.325	1415.000	321.263	145.196	243.845	630.206	237.845	246.580
2/16/24 2:00 PM	70.343	429.336	1415.000	321.055	145.208	244.082	630.992	238.470	247.153
2/16/24 3:00 PM	70.578	429.332	1415.000	320.701	145.251	244.249	631.709	238.937	247.580
2/16/24 4:00 PM	70.788	429.276	1415.000	320.463	145.228	244.376	632.398	239.259	247.890
2/16/24 5:00 PM	70.829	429.197	1415.000	320.321	145.272	244.480	633.142	239.554	248.212
2/16/24 6:00 PM	71.035	429.112	1415.000	320.160	145.282	244.589	633.960	239.825	248.465
2/16/24 7:00 PM	71.245	429.140	1415.000	319.987	145.272	244.701	634.801	240.092	248.752
2/16/24 8:00 PM	71.163	429.124	1415.000	319.981	145.264	244.795	635.687	240.346	248.976
2/16/24 9:00 PM	71.159	429.084	1415.000	320.162	145.273	244.898	636.591	240.555	249.209
2/16/24 10:00 PM	71.892	429.065	1415.000	319.426	145.273	245.007	637.546	240.759	249.414
2/16/24 11:00 PM	70.980	429.099	1415.000	320.438	145.273	245.098	638.567	240.961	249.615
2/17/24 12:00 AM	71.436	429.108	1415.000	319.988	145.273	245.199	639.611	241.143	249.762
2/17/24 1:00 AM	71.877	429.107	1415.000	319.583	145.271	245.275	640.775	241.302	249.931
2/17/24 2:00 AM	72.019	429.132	1415.000	319.335	145.273	245.353	641.987	241.475	250.087
2/17/24 3:00 AM	72.051	428.995	1415.000	319.236	145.271	245.436	643.460	241.628	250.223
2/17/24 4:00 AM	72.443	428.932	1415.000	318.894	145.272	245.520	645.573	241.748	250.332
2/17/24 5:00 AM	71.726	428.784	1415.000	317.523	145.261	245.573	648.135	241.871	250.434

Site Observations:

-None

Operational Notes:

-Central lake water profile attached.

-Monitoring wells: Walker Hill finished drilling to 649' bgs at MW-3 (700') so 5" casing can be set. The plan for today is to perform a wipe run and then install and pressure grout 5" casing at MW-3 (700').



Westlake

Date: 2-16-24

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: *Start up Starks tie in*

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	2/16/24	Time:	9
Depth (ft):	5 ft		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.42	7.31	7.35
SC (uS/cm)	1690	1664	1700
ORP (mV)	184	111	47
Temp (°C)	17.8	18.2	17.1
TDS (ppm)	1237	1217	1245

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: 2-16-24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	688
Water Well #12	0.00
Water Well #13	245
Water Well #19	0.00
Water Well #40	0.00

Downhole Gauge #7 Brine Well	Morning	Afternoon
	1415	1415

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2 20.7	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 20.7	20.9		
		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	20.9		
		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	20.9		
		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	20.9		
		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	20.9		
	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	20.9		
	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	20.7	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	20.7	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	20.9		
	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	20.9		
	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	20.9		
	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	20.9	
		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	20.9		
		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	20.9		
		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	20.9		
		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	20.9		
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	20.9		
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		20.7	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
	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	20.7	21.0		
	Methane	0	0		
	H2s	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	20.7	21.0		
	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	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
	O2	20.7	21.0		
	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	20.7	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	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	20.7	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

Signature:

LA

New Observation or comments?

H2O samples @ central lake

Date: 2-16-24

Sulphur Field Observation Daily Report (Nightsht)

7b Downhole Gauge	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
	1415	1415	1415	1415	1415	1415	1415	1415	1415	1415	1415	1415

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

Site 9 (1/4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.1				21.0
Methane	0.0				0.0
H2S	0.0				0.0
PID (VOC)	0.0				0.0

Site 19 (H4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.1				21.0
Methane	0.0				0.0
H2s	0.0				0.0
PH (VOC)	0.0				0.0

H71 Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.1				21.0
Methane	0.0				0.0
H2s	0.0				0.0
PH (VOC)	0.0				0.0

H77 Bubble site (Road S of Yellow rock shop)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.1				21.0
Methane	0.0				0.0
H2s	0.0				0.0
PH (VOC)	0.0				0.0

H28 Bubble site (MW-2 500' Well)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	21.1				21.0
Methane	0.0				0.0
H2s	0.0				0.0
PH (VOC)	0.0				0.0

H7 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, intensity changes, or comments?
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Signature: *Edali Vella*