

Pressure Data:

9/29/2023 @ 6PM

7B Tubing Press = 72.4 psig
7B Annulus Press = 433.2 psig
Downhole Pressure in 7B Tubing = 1423 psig
7B Brine Injection Rate = 321.6 GPM
6X Annulus Press = 175.9 psig
PPG 2 Tubing Pressure = 249.1 psig
PPG 2 Annulus Press = 341.9 psig
PPG 4 Tubing Pressure = 246.6 psig
PPG 4 Annulus Press = 261.4 psig

9/30/2023 @ 4AM

7B Tubing Press = 71.4 psig
7B Annulus Press = 432.4 psig
Downhole Pressure in 7B Tubing = 1423 psig
7B Brine Injection Rate = 321.4 GPM
6X Annulus Press = 175.7 psig
PPG 2 Tubing Pressure = 248.9 psig
PPG 2 Annulus Press = 341.9 psig
PPG 4 Tubing Pressure = 247.6 psig
PPG 4 Annulus Press = 261.8 psig

Site Observations:

-Confirmed that we can work under NWP 6 in this area W of #7. Excavation schedule for mid to late October, pending equipment availability.

Operational Notes:

-Surface Seismic:

-New system is active, MEQ has submitted revised plan and bi-weekly status report.

Gas removal or oil withdrawal:

-No gas was removed for any well yesterday.

-Westlake operations did not attempt oil withdrawal from #7 to frac tank yesterday. Note: reminder volume removed is measured by truck loading, not enough oil at this time for a truck load.

-6X Obstruction Remediation:

-Lonquist submitted proposal to IMD. Work scheduled to start on 10-16.

-3D Seismic:

-Lonquist will be submitting draft of dome contour map.

-Monitoring wells:

-ERM will reach out to WalkerHill about drilling to caprock depths. ERM is working with Lonquist to get UIC-25 submitted. Meeting with IMD will be scheduled for week of 10-9.

-Sub-surface Seismic:

-Long lead items have been ordered. We are still on track for installation in early 2024.

-Geo-mechanical Studies:

-Respec to provide a Phase 2 proposal to Westlake so a Purchase Order can be written, work on phase 2 modeling will begin late next week.

-Insar

-A non-linear trend has been identified and will be watched closely by Tre-Altamira and Lonquist. The latest data set will be submitted by Lonquist today. A non-linear trend is still continuing to be observed in areas of interests as well as outside of the salt formation. At this time, Westlake will continue to monitor the area cautiously, currently nothing abnormal has been observed in areas showing increased ground displacement.



Date: 9-29-23

Sulphur Field Observation Daily Report (Dayshift)

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		21.1	20.9		
H2S/Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		

Site 3 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 4 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 5 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 6 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 7 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 8 (Central Lake)	(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	0.0		
PID (VOC)		0.0	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	20.9		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	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	20.9		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		

Site 12 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 14 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 17 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 18 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 21 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 22 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 23 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 24 (Central Lake)	(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	0.0		
PID (VOC)		0.0	0.0		

Site 25 (Central Lake)	(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	0.0		
PID (VOC)		0.0	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	20.9		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		

Site 20 (Sheen on Crystal Creek (Big Pond))	(Circle One)	Present	Not Present
		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	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		21.1	20.9		
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
		Morning	Afternoon		
O2		21.1	20.9		
Methane		0.0	0.0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		

#26 Bubble site (Crystal Lake Big Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		21.1	20.9		
Methane		0.0	0.0		
H2s		0.0	0.0		
PID (VOC)		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	✓

New Observation or comments?

Took water sample central lake
NO Sheen on Central
Full Cell #1 3/4 #12 Full

Signature:

EL

Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	9-29-23	7:30 AM	Time:	
Depth (ft):	4'			
	Top (Blue)	Middle (Yellow)	Bottom (Red)	
pH	7.43	7.42	7.41	
SC (uS/cm)	3614	3601	3603	
ORP (mV)	152	121	-32	
Temp (°C)	26.5	27.1	27.3	
TDS (ppm)	2684	2689	2685	

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:

Sulphur Field Observation Daily Report (Nightshift)

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Site 1 (E of #22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	21.0						21.0	20.9
Methane	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	21.0						20.9	20.9
Methane	0						0	0
H2S	0.0						0.0	0.0
PID (VOC)	0.0						0.0	0.0

Site 1D (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.9						20.9	20.9
Methane	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	21.0						21.0	21.0
Methane	0						0	0
H2S	0.0						0.0	0.0
PID (VOC)	0.0						0.0	0.0

Site 19 (#4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2 Methane H2S PID (VOC)	21.0					21.0
	0					0
	0.0					0.0
	0.0					0.0

#72 Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2 Methane H2S PID (VOC)	21.0					21.0
	0					0
	0.0					0.0
	0.0					0.0

#7 Well Pad Site General Housekeeping

Check Berms for leaks or oil/drine

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?

Signature:

JSP