

Pressure Data:

9/13/2023 @ 6PM

7B Tubing Press = 69.0 psig
7B Annulus Press = 428.1 psig
Downhole Pressure in 7B Tubing = 1418 psig
7B Brine Injection Rate = 313.2 GPM
6X Annulus Press = 180.8 psig
PPG 2 Tubing Pressure = 248.0 psig
PPG 2 Annulus Press = 837.7 psig
PPG 4 Tubing Pressure = 246.7 psig
PPG 4 Annulus Press = 261.7 psig

9/14/2023 @ 4AM

7B Tubing Press = 70.6 psig
7B Annulus Press = 428.8 psig
Downhole Pressure in 7B Tubing = 1419 psig
7B Brine Injection Rate = 313.9 GPM
6X Annulus Press = 180.6 psig
PPG 2 Tubing Pressure = 248.4 psig
PPG 2 Annulus Press = 837.8 psig
PPG 4 Tubing Pressure = 246.9 psig
PPG 4 Annulus Press = 261.9 psig

Site Observations:

- Exploring options to excavate around the unknown object W of #7's well pad. This is considered wetlands so that will be evaluated first.

Operational Notes:

-Surface Seismic:

-Seismic vendor has completed all 5 stations. Note, the existing equipment will remain in place until new system is active.

Gas removal or oil withdrawal:

-No gas has been bled off any wells in the last 24 hours

-Westlake operations attempted oil withdrawal from #7 to frac tanks and will continue today.

Note: reminder volume removed is measured by truck loading, not enough oil at this time for a truck load.

-6X Depressurization:

-Plan was submitted to IMD for review

-3D Seismic:

-Internal review of the interpretation results completed, Westlake will present a few items tomorrow on our update meeting with IMD.

-Monitoring wells:

-PO to ERM is approved. ERM to award contractor and submit permits after receiving PO. **Need clarification from IMD on what application is required for monitoring wells.**

-PPG 20 Inactive Letter:

-Lonquist is preparing letter for submittal, confirming a completion date.

-Sub-surface Seismic:

-Feasibility of borehole array finally confirmed. Equipment is being ordered. We are still on track for installation in early 2024.

-Geo-mechanical Studies:

-RESPEC finalizing proposal for phases 2-5. IMD should expect a meeting request to review this scope and/or a submittal for approval of RESPEC's scope by end of week.

-Gantt Chart:

-Chart will be updated for Thursday's meeting.



Site 1 (E of #22 BW)		(Circle One)	More intense	Less intense	No Bubbles	Bubbling - no change in intensity		
O ₂	20.9						20.9	20.9
Methane	0						0	0
H ₂ s	0						0	0
PIG (VOC)	0						0	0

7A Plugged Well Site		(Circle One)	More intense	Less intense	No Bubbles	Bubbling - no change in intensity		
O ₂	20.9						20.8	20.9
Methane	0						0	0
H ₂ s	0						0	0
PIG (VOC)	0						0	0

Site 10 (Yellowrock #7)		(Circle One)	More intense	Less intense	No Bubbles	Bubbling - no change in intensity		
O ₂	20.9						20.8	20.8
Methane	0						0	0
H ₂ s	0						0	0
PIG (VOC)	0						0	0

Site 9 (H4 BW Pond)		(Circle One)	More intense	Less intense	No Bubbles	Bubbling - no change in intensity		
O ₂	20.9						20.8	20.9
Methane	0						0	0
H ₂ s	0						0	0
PIG (VOC)	0						0	0

Site 19 (14 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.9					20.8
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	20.9					20.8
Methane	0					0
H2s	0					0
PH (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, intensity changes, or comments?
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Signature: W. E.

Date:

9-13-23

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	21.0		
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		21.0	21.1		
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		21.0	21.1		
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		21.0	21.1		
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		21.0	21.1		
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		21.0	21.1		
Methane		0.9	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		21.0	21.1		
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		20.9	21.0		
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	21.0		
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		21.0	21.1		
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		21.0	21.1		
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		21.0	21.1		
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		21.0	21.1		
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		21.0	21.1		
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		21.0	21.1		
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		21.0	21.1		
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		21.0	21.1		
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		21.0	21.1		
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		20.9	21.0		
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		20.9	21.0		
Methane		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		20.9	21.0		
Methane		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		21.0	21.0		
Methane		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?

fuel cell #1 1/2
fuel cell #2 1/2

Signature: