

Pressure Data:

10/4/2023 @ 6PM

7B Tubing Press = 72.5 psig
7B Annulus Press = 434.2 psig
Downhole Pressure in 7B Tubing = 1424 psig
7B Brine Injection Rate = 319.9 GPM
6X Annulus Press = 174.9 psig
PPG 2 Tubing Pressure = 252.8 psig
PPG 2 Annulus Press = 346.6 psig
PPG 4 Tubing Pressure = 251.3 psig
PPG 4 Annulus Press = 265.6 psig

10/5/2023 @ 4AM

7B Tubing Press = 72.7 psig
7B Annulus Press = 433.5 psig
Downhole Pressure in 7B Tubing = 1424 psig
7B Brine Injection Rate = 321.1 GPM
6X Annulus Press = 174.8 psig
PPG 2 Tubing Pressure = 253.0 psig
PPG 2 Annulus Press = 346.6 psig
PPG 4 Tubing Pressure = 251.7 psig
PPG 4 Annulus Press = 265.9 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:

Operational Notes:

-Gas removal or oil withdrawal:

-No gas was removed for any well yesterday. Plan to bleed off brine from PPG#4 today as it is approaching MASIP on the annulus.

-Westlake operations did not attempt oil withdrawal from #7 to frac tank yesterday.

-6X Obstruction Remediation:

-Lonquist submitted proposal to IMD. Work scheduled to start on 10-16. UIC-17 will be sent in early next week.

-We have been observing a slow pressure drop on #6X over the last several weeks. This pressure is subject to change post remediation work. Westlake will continue to monitor this trend closely.

-3D Seismic:

-Lonquist awaiting direction from IMD on salt contour map.

-Monitoring wells:

-ERM has confirmed with Walker hill that deeper drilling depths if required to reach caprock are feasible. At this time Westlake and ERM will hold progress till clarification meeting with IMD takes place next week.

-Sub-surface Seismic:

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

-Geo-mechanical Studies:

-Westlake is working with Lonquist to fund Respec on phase 2 modeling.

-Insar

-Recent data set continues to show recent non-linear trends. The data set also shows areas outside of the dome experiencing similar displacements. TREA has been notified of these areas and is performing some quality control checks to investigate these areas further.



Date: 10-4-23

Sulphur Field Observation Daily Report (Dayshift)

	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Site 1 (E of #22 BW)					
		Morning	Afternoon		
O2		20.9	20.8		
H2S/Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		

	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Site 3 (Central Lake)					
		Morning	Afternoon		
O2		20.9	20.9		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		

	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Site 4 (Central Lake)					
		Morning	Afternoon		
O2		21.0	21.0		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		

	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Site 5 (Central Lake)					
		Morning	Afternoon		
O2		20.9	20.8		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		

	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Site 6 (Central Lake)					
		Morning	Afternoon		
O2		21.0	20.9		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		

	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
Site 7 (Central Lake)					
		Morning	Afternoon		
O2		20.9	20.9		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		

Site 8 (Central Lake)	(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		
PID (VOC)		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		
PID (VOC)		0.0	0		

Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	20.8		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		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	20.8		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		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	20.9		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		

Site 17 (Central Lake)	(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		
PID (VOC)		0.0	0		

Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	20.9		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		

Site 21 (Central Lake)	(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		
PID (VOC)		0.0	0		

Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	20.8		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		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	20.8		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		

Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.8	20.9		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		

Site 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		20.9	20.9		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		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	20.8		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		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	20.8		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		0.0	0		

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
O2		21.0	20.8		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		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		20.9	20.0		
Methane		0	0		
H2s		0.0	0		
PID (VOC)		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 - 3/4 Full
Fuel Cell #2 - 7/8 Full

Signature:

DW

Date: 10-4-23

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Tubing Pressure	72.4	72.5	72.2	72.3	72.4	72.4	72.5	72.9	72.3	72.2	72.2	72.7
7b Annulus Pressure	434.2	434.2	433.9	433.8	433.7	433.7	433.7	433.7	433.7	433.4	433.5	433.5
7b Injection Rate	320.8	319.9	320.5	320.5	320.8	320.6	321.1	320.7	321.2	321.2	321.1	321.1
7b Downhole Gauge	1424.92	1424.92	1424.92	1424.92	1424.92	1424.92	1424.92	1424.92	1424.92	1424.92	1424.92	1424.92
6x Pressure	174.9	174.9	174.9	174.9	174.8	174.8	174.8	174.8	174.8	174.8	174.8	174.8

C 2 Tubing Pressure
 P 2 Annulus Pressure
 C 4 Tubing Pressure
 P 4 Annulus Pressure

232.8
 346.6
 251.3
 265.6

253.0
 346.6
 251.7
 265.9

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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O2	20.9	20.1	20.1
Methane	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
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O2	20.9	20.7	20.1
Methane	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
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O2	20.9	20.1	20.1
Methane	0.0	0	0
H2s	0.0	0.0	0.0
PID (VOC)	0.0	0.0	0.0

Site 9 (FA BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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O2	20.9	20.7	20.1
Methane	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	20.9						20.7
Methane	0						0
H2S	0.0						0.0
PIP (VOC)	0.0						0.0

#7b Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	
O2	20.8						20.7
Methane	0						0
H2S	0.0						0.0
PIP (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, Intensity changes, or comments?

Signature:

EV