

Pressure Data:

10/28/2023 @ 6PM

7B Tubing Press = 69.6 psig
7B Annulus Press = 432.3 psig
Downhole Pressure in 7B Tubing = 1423 psig
7B Brine Injection Rate = 316.3 GPM
6X Annulus Press = 177.6 psig
PPG 2 Tubing Pressure = 251.8 psig
PPG 2 Annulus Press = 387.0 psig
PPG 4 Tubing Pressure = 247.5 psig
PPG 4 Annulus Press = 256.5 psig

10/29/2023 @ 4AM

7B Tubing Press = 70.1 psig
7B Annulus Press = 432.1 psig
Downhole Pressure in 7B Tubing = 1423 psig
7B Brine Injection Rate = 317.8 GPM
6X Annulus Press = 177.3 psig
PPG 2 Tubing Pressure = 252.0 psig
PPG 2 Annulus Press = 386.8 psig
PPG 4 Tubing Pressure = 248.5 psig
PPG 4 Annulus Press = 257.4 psig

Site Observations:

-None

Operational Notes:

- Brine was bled from PPG 4 yesterday, volumes will be reported by end of day Monday.
- Gas removal or oil withdrawal:
 - No gas was removed yesterday.
 - Oil was bled from PPG 7 yesterday, volumes will be determined upon sale.
- 6X Obstruction Remediation:
 - Sonar on PPG 6X was successful.
- Monitoring wells:
 - Work plans approved by DNR. Scheduled to start no later than 11/13, installation duration is expected to take 45 days. A discussion on the due date of Dec 1st will need to be addressed.
- Sub-surface Seismic:
 - Long lead items have been ordered. We are still on track for installation in early 2024.
- Geo-mechanical Studies:
 - Respec Phase 2 is on-going.
- Insar
 - Meeting scheduled for next week to discuss the re-processed data set from Trea.
- 3D Seismic
 - top of salt and caprock mapping methodology report will be submitted this Friday. Top of caprock map will be submitted Nov 3rd. Top of salt map will be updated to include 100' contours further to the central part of the dome. Fault plane map will be submitted by Nov 29th.



Date: 10-28-23

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		20.9	20.9		
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		20.9	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		20.8	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		20.9	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		20.9	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		20.8	20.8		
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		20.8	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		20.6	20.5		
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	20.8		
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		20.8	20.7		
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		20.6	20.7		
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		20.9	20.7		
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		20.9	20.8		
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		20.9	20.1		
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		20.1	20.1		
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		20.4	20.1		
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		20.8	20.8		
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		20.1	20.1		
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		20.1	20.1		
Methane		0	0		
H2s		0	0		
PID (VOC)		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	20.9		
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		20.8	20.9		
Methane		0	0		
H2s		0	0		
PID (VOC)		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	20.9		
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	✓

New Observation or comments?

Fuel Cell #1 - Full
Fuel Cell #2 - Full

Signature:

KL
#1

10-28-23

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
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O2	20.8					20.8
Methane	0					0
H2s	0					0
PIB (VOC)	0					0

7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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O2	20.8					20.8
Methane	0					0
H2s	0					0
PIB (VOC)	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					20.9
Methane	0					0
H2s	0					0
PIB (VOC)	0					0

Site 9 (H4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
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O2	20.8					20.8
Methane	0					0
H2s	0					0
PIB (VOC)	0					0

Site 19 (H4 E/W Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
02	2008				2008
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
02	2008				2009
Methane	0				0
H2S	0				0
PH (VOC)	0				0

#7 Well Pad Site General Housekeeping

Check berms for leaks or oil/slime	
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:

