

Pressure Data:

7/17/2023 @ 6PM

7B Tubing Press = 78.1 psig
7B Annulus Press = 436.1 psig
Downhole Pressure in 7B Tubing = 1,429 psig
7B Brine Injection Rate = 305.3 GPM
6X Annulus Press = 174.5 psig
PPG 2 Tubing Pressure = 226.2 psig
PPG 2 Annulus Press = 434.9 psig

7/18/2023 @ 4AM

7B Tubing Press = 78.0 psig
7B Annulus Press = 434.4 psig
Downhole Pressure in 7B Tubing = 1,428 psig
7B Brine Injection Rate = 305.2 GPM
6X Annulus Press = 174.5 psig
PPG 2 Tubing Pressure = 226.5 psig
PPG 2 Annulus Press = 438.5 psig

Site Observations:

-ERM was on site collecting monthly surface water samples and #26 location. Bubbles at #26 were intermittent every 10 seconds or so, fluid collection was taken, unable to fill gas apparatus to collect gas sample.

-air boat observations

Operational Notes:

-none



Date: 7/17/23

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Tubing Pressure	78.6	78.1	65.1	76.2	76.6	77.6	76.3	77.7	76.5	76.8	77.4	78.0
7b Annulus Pressure	436.6	436.1	435.9	434.7	434.7	434.5	434.5	434.7	435.0	434.6	434.4	434.4
7b Injection Rate	305.1	305.3	247.1	301.5	302.2	303.1	304.1	304.2	304.0	304.5	304.2	305.2
7b Downhole Gauge	1429/93	1429/93	1427/93	1427/93	1428/92	1428/93	1428/93	1428/93	1428/93	1428/93	1428/93	1428/92
6x Pressure	174.5	174.5	174.5	174.5	174.5	174.6	174.6	174.5	174.7	174.5	174.7	174.5
2 Tubing Pressure		226.2										226.5
2 Annulus Pressure		434.9										438.5

Site 1 (E of #22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.7						20.9	20.9
Methane	0						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		
O2	21.0						20.9	21.0
Methane	0						0	0
H2s	0						0	0
PID (VOC)	0						0	0

Site 10 (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.9						21.0	20.9
Methane	0						0	0
H2s	0						0	0
PID (VOC)	0						0	0

Site 9 (14 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O ₂	20.8						20.9	20.9
Methane	0						0	0
H ₂	0						0	0
PID (VOC)	0						0	0

Site 19 (14 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O ₂	20.8						20.9	20.9
Methane	0						0	0
H ₂	0						0	0
PID (VOC)	0						0	0

#7a Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O ₂	21.0						20.9	21.0
Methane	0						0	0
H ₂	0						0	0
PID (VOC)	0						0	0

#7 Well Pad Site General Housekeeping	<input type="checkbox"/> Check Berms for leaks or oil/brine <input type="checkbox"/> Check hoses at each connection from rental pump to piping tie-in <input type="checkbox"/> Check cellar for oil <input type="checkbox"/> Check Wellhead for leaks
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New Observation, Intensity changes, or comments?
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Signature: Yu. E.

Date: 7-17-23

Suphur Field Observation Daily Report (Dayshift)

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O ₂		21.0	21.2		
H ₂ S/Methane		0	0		
H ₂ S		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
O ₂		21.0	21.1		
Methane		0	0		
H ₂ S		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
O ₂		21.0	21.1		
Methane		0	0		
H ₂ S		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
O ₂		21.0	21.1		
Methane		0	0		
H ₂ S		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
O ₂		21.0	21.1		
Methane		0	0		
H ₂ S		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
O ₂		21.0	21.1		
Methane		0	0		
H ₂ S		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	O2	Methane	H2S	PID (VOC)
		21.0	21.1	0	0	0.0	0.0	0.0	0.0
		Morning	Afternoon						
		More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	O2	Methane	H2S	PID (VOC)
		21.0	21.1	0	0	0.0	0.0	0.0	0.0
		Morning	Afternoon						
Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	O2	Methane	H2S	PID (VOC)
		21.2	21.2	0	0	0.0	0.0	0.0	0.0
		Morning	Afternoon						
Site 10 (Yellow rock #7)	(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
		Morning	Afternoon						
Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	O2	Methane	H2S	PID (VOC)
		21.0	21.1	0	0	0.0	0.0	0.0	0.0
		Morning	Afternoon						
Site 17 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	O2	Methane	H2S	PID (VOC)
		21.0	21.1	0	0	0.0	0.0	0.0	0.0
		Morning	Afternoon						
Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	O2	Methane	H2S	PID (VOC)
		21.0	21.1	0	0	0.0	0.0	0.0	0.0
		Morning	Afternoon						
Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	O2	Methane	H2S	PID (VOC)
		21.0	21.1	0	0	0.0	0.0	0.0	0.0
		Morning	Afternoon						

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2		Morning	Afternoon		
Methane		21.1	21.3		
H2S		0.0	0.0		
PID (VOC)		0.0	0.0		

#7B Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2		Morning	Afternoon		
Methane		21.1	21.3		
H2S		0.0	0.0		
PID (VOC)		0.0	0.0		

Site 20 (Sheen on Crystal Creek (Big Pond))	(Circle One)	Present	Not Present		
O2		Morning	Afternoon		
Methane		N/A	N/A		
H2S		N/A	N/A		
PID (VOC)		N/A	N/A		

Site 19 (#4 BVV Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2		Morning	Afternoon		
Methane		21.2	21.2		
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
O2		Morning	Afternoon		
Methane		21.0	21.1		
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
O2		Morning	Afternoon		
Methane		21.0	21.1		
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
O2		Morning	Afternoon		
Methane		21.0	21.1		
H2S		0.0	0.0		
PID (VOC)		0.0	0.0		



Signature: *State man rode his pond in air boat and water wells*

State man rode his pond in air boat
ERM Sample water in air boat
#1 Cell 7/8
#2 Cell 7/8

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

#7 Well Pad Site General
Housekeeping

#26 Bubble site (Crystal Lake Big Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	O2	Methane	H2S	PID (VOC)
						Morning	Afternoon	21.0	21.1

