

**Pressure Data:**

8/18/2023 @ 6PM

7B Tubing Press = 50.5 psig  
7B Annulus Press = 362.9 psig  
Downhole Pressure in 7B Tubing = 1401 psig  
7B Brine Injection Rate = 280.9 GPM  
6X Annulus Press = 190.9 psig  
PPG 2 Tubing Pressure = 226.3 psig  
PPG 2 Annulus Press = 790.2 psig

8/19/2023 @ 4AM

7B Tubing Press = 50.9 psig  
7B Annulus Press = 409.9 psig  
Downhole Pressure in 7B Tubing = 1401 psig  
7B Brine Injection Rate = 281.6 GPM  
6X Annulus Press = 190.7 psig  
PPG 2 Tubing Pressure = 226.4 psig  
PPG 2 Annulus Press = 791.2 psig

**Site Observations:**

-none

**Operational Notes:**

- Brine injected into #7 is coming from the Starks dome
- Constant injection rate test continues (plan is to continue with test till tubing reaches 30 psi)



Date: 8-18-23

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	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		20.7	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		20.7	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		20.7	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		20.7	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		20.7	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		20.7	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		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		20.9	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		20.7	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		20.7	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		20.7	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		20.7	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		20.7	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		20.7	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		20.7	20.9		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		

Site 25 (H4 OW 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		20.8	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	20.9	20.9		
	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?

#1	fuel cell 5/8
#2	fuel cell 3/8

Signature:

SM

# Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	8-18-23	1'	Time:	07:30
Depth (ft):	5' 2 1/2			
	Top (Blue)	Middle (Yellow)	Bottom (Red)	
pH	7.71	7.58	7.54	
SC (uS/cm)	28.71	28.13	27.47	
ORP (mV)	141	103	-48	
Temp (°C)	28.9	30.1	30.3	
TDS (ppm)	2116	2067	2023	

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: 8-18-23

Sulphur Field Observer Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Tubing Pressure $\checkmark$	51.0	50.5	48.6	49.7	50.6	50.6	51.0	51.5	51.3	50.4	50.6	50.9
7b Annulus Pressure $\checkmark$	359.1	362.9	367.3	373.1	377.7	381.8	386.6	391.7	395.8	400.6	405.1	409.9
7b Injection Rate	281.5	280.9	281.7	281.4	281.6	281.8	280.5	281.0	280.7	281.4	281.4	281.6
7b Downhole Gauge	1401/93	1401/93	1401/93	1401/93	1401/93	1401/93	1401/93	1401/93	1401/93	1401/93	1401/93	1401/93
6x Pressure $\checkmark$	190.8	190.9	190.9	190.9	190.8	190.8	190.8	190.8	190.7	190.7	190.7	190.7
2 Tubing Pressure $\checkmark$		226.3										226.4
2 Annulus Pressure $\checkmark$		790.2										791.2

Site 1 (E of #22 BW)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.6						20.7	20.7
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	20.3						20.7	20.7
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		
O2	20.7						20.7	20.7
Methane	0						0	0
H2s	0.0						0.0	0.0
PID (VOC)	0.0						0.0	0.0

Site 5 (#4 SW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.6				20.7
Methane	0				0
H2S	0.0				0.0
PIB (VOC)	0.0				0.0

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2	20.6				20.7
Methane	0				0
H2S	0.0				0.0
PIB (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
PIB (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:

JSP