

### **Pressure Data:**

#### 7/7/2023 @ 6PM

7B Tubing Press = 71.9 psig  
7B Annulus Press = 432.9 psig  
Downhole Pressure in 7B Tubing = 1,425 psig  
7B Brine Injection Rate = 281.7 GPM  
6X Annulus Press = 173.1 psig  
PPG 2 Tubing Pressure = 216.2 psig  
PPG 2 Annulus Press = 251.5 psig

#### 7/8/2023 @ 4AM

7B Tubing Press = 67.4 psig  
7B Annulus Press = 428.2 psig  
Downhole Pressure in 7B Tubing = 1,422 psig  
7B Brine Injection Rate = 268.1 GPM  
6X Annulus Press = 172.9 psig  
PPG 2 Tubing Pressure = 216.5 psig  
PPG 2 Annulus Press = 267.7 psig

### **Site Observations:**

-none

### **Operational Notes:**

- #7 pressure decreased due lower injection rates, pump issues overnight, United on site today to fix pinched fuel line.
- central pond water profile attached
- PPG #2 annulus gas was bled off



**Central Lake Water Column Profile**  
 Sulphur Dome - Calcasieu Parish, Louisiana

Conc

Date:	7-7-23	Time:	8:45
Depth (ft):	5 ft		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.60	7.61	7.59
SC (uS/cm)	1910	1951	1916
ORP (mV)	103	107	113
Temp (°C)	29.3c	29.6	29.7
TDS (ppm)	1355	1388	1364

Conc -

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Conc.

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Conc

Date:		Time:	
Depth (ft):			
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH			
SC (uS/cm)			
ORP (mV)			
Temp (°C)			
TDS (ppm)			

Date:

7-7-23

## 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		21.1	20.8		
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		21.1	20.8		
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		21.1	20.8		
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		21.1	20.8		
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		21.1	20.8		
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		21.1	20.8		
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		21.1	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		21.1	20.8		
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		21.1	20.8		
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		21.1	20.8		
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		21.1	20.8		
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		21.1	20.8		
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		21.1	20.8		
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		21.1	20.8		
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		21.1	21.0		
Methane		0	0		
H2s		0.0	0.0		
PID (VOC)		0.0	0.0		

Site 20 (Shoen 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		

#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?

Cell - 3/8
Generator - Full Cell - 3/8
Took samples of water at central lake.

Signature:

mu. E.

Date: 7-7-23

Sulphur Field Observation Daily Report (Nightshift)

	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
7b Tubing Pressure	73.3	71.9	70.8	70.9	72.6	71.5	68.8	69.0	67.7	68.0	68.9	67.4
7b Annulus Pressure	433.1	432.9	432.2	431.9	431.5	430.7	430.6	429.5	429.2	428.8	428.5	428.2
7b Injection Rate	285.3	281.7	283.7	281.7	278.5	278.0	273.0	271.5	272.6	271.8	270.8	268.1
7b Downhole Gauge	1425/93	1425/93	1425/93	1425/93	1424/93	1424/93	1424/93	1423/93	1423/93	1423/93	1422/93	1422/93
6x Pressure	173.1	173.1	173.1	173.0	173.0	173.0	173.0	173.0	173.0	172.9	172.9	172.9
2 Tubing Pressure C		216.2										216.5
2 Annulus Pressure P		251.5										267.7

Site 1 (E of #22 BW)		(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)	1.9						2.5	0.0

7A Plugged Well Site		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.8						20.8	20.7
Methane	0						0	0
H2s	0.0						0.0	0.0
PID (VOC)	2.4						3.2	0.0

Site 10 (Yellowrock #7)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.8						20.7	20.8
Methane	0						0	0
H2s	0.0						0.0	0.0
PID (VOC)	2.3						3.0	2.2

Site 9 (#4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.6						20.8	20.7
Methane	0						0	0
H2s	0.0						0.0	0.0
PID (VOC)	1.7						2.9	0.0

Site 19 (#4 BW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.6						20.8	20.7
Methane	0						0	0
H2s	0.0						0.0	0.0
PID (VOC)	1.7						2.9	0.0

#7b Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.8						20.7	20.7
Methane	0						0	0
H2s	0.0						0.0	0.0
PID (VOC)	2.4						2.8	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?

Alarm went of on Pump @ 7 - 1Am - called Starters  
Fuel Pump assist I

Signature:

JSP