

Pressure Data:

11/17/2023 @ 6PM

7B Tubing Press = 69.0 psig
7B Annulus Press = 430.1 psig
Downhole Pressure in 7B Tubing = 1415 psig
7B Brine Injection Rate = 318.8 GPM
6X Annulus Press = 161.0 psig
PPG 2 Tubing Pressure = 256.6 psig
PPG 2 Annulus Press = 404.4 psig
PPG 4 Tubing Pressure = 254.2 psig
PPG 4 Annulus Press = 262.7 psig

11/18/2023 @ 4AM

7B Tubing Press = 69.7 psig
7B Annulus Press = 430.7 psig
Downhole Pressure in 7B Tubing = 1416 psig
7B Brine Injection Rate = 318.0 GPM
6X Annulus Press = 161.3 psig
PPG 2 Tubing Pressure = 256.9 psig
PPG 2 Annulus Press = 405.0 psig
PPG 4 Tubing Pressure = 254.5 psig
PPG 4 Annulus Press = 263.0 psig

Site Observations:

-none

Operational Notes:

-Gas removal or oil withdrawal:

-No gas was removed yesterday.

- No oil was bled from PPG 7 yesterday (about 4' in the frac tank currently), volumes will be determined upon sale.

-Monitoring wells:

- Walker Hill drilled to 148' bgs with 7 7/8" bit and then reamed with 12 1/4" bit. Surface casing was not installed since hole was not clear to 148' bgs. Walker Hill did a wipe run using a 12 1/4" roller bit. Surface casing was not installed due to time of the day. The plan for tomorrow is to do a wipe run and then install and grout the surface casing.

-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.

-3D Seismic

-Fault plane map will be submitted by Nov 29th. TOS maps will be updated with tables and other DNR mapping requirements.



Date:

Sulphur Field Observation Daily Report (Nightshift)

7b Tubing Pressure

7b Annulus Pressure

7b Injection Rate

7b Downhole Gauge

6x Pressure

2 Tubing Pressure

2 Annulus Pressure

4 Tubing Pressure

4 Annulus Pressure

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

7A Plugged Well Site	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.9
O2							
Methane							
H2S							
PID (VOC)							

Site 10 (Yellowrock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.9
O2							
Methane							
H2S							
PID (VOC)							

Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity	20.9	20.9
O2							
Methane							
H2S							
PID (VOC)							

Site 19 (#4 RW Pond)		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	21.1						20.9	20.9
Methane	0						0	0
H2S	0						0	0
PIB (VOQ)	0						0	0

#7b Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity		
O2	20.9						20.9	20.9
Methane	0						0	0
H2S	0						0	0
PIB (VOQ)	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: W.E.

Date: 11-17-23

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	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.0	21.2		
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		21.0	21.1		
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		21.1	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.1	21.2		
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		21.0			
Methane		0			
H2s		0			
PID (VOC)		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
O2		Morning 20.9	Afternoon 21.2		
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
O2		Morning 20.9	Afternoon 21.2		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

#26 Bubble site (Crystal Lake Blg Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
O2		Morning 20.9	Afternoon 21.2		
Methane		0	0		
H2s		0	0		
PID (VOC)		0	0		

#7 Well Pad Site General Housekeeping

<input checked="" type="checkbox"/>	Check Berms for leaks or oil/brine
<input checked="" type="checkbox"/>	Check hoses at each connection from rental pump to piping tie-in
<input checked="" type="checkbox"/>	Check cellar for oil
<input checked="" type="checkbox"/>	Check Wellhead for leaks

New Observation or comments?

Fuel oil #1 7/18	#2 7/18
Sample central pond	

Signature:

MC

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

Conc

Date:	11/17/23	Time:	9:45
Depth (ft):	4 ft 2		
	Top (Blue)	Middle (Yellow)	Bottom (Red)
pH	7.52	7.45	7.46
SC (uS/cm)	4115	4119	4113
ORP (mV)	192	166	84
Temp (°C)	20.5	20.9	20.8
TDS (ppm)	3144	3143	3134

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)			