

## **Pressure Data:**

### 11/24/2023 @ 6PM

7B Tubing Press = 71.2 psig  
7B Annulus Press = 376.6 psig  
Downhole Pressure in 7B Tubing = 1417 psig  
7B Brine Injection Rate = 317.7 GPM  
6X Annulus Press = 158.4 psig  
PPG 2 Tubing Pressure = 262.3 psig  
PPG 2 Annulus Press = 410.5 psig  
PPG 4 Tubing Pressure = 259.9 psig  
PPG 4 Annulus Press = 268.7 psig

### 11/25/2023 @ 4AM

7B Tubing Press = 71.4 psig  
7B Annulus Press = 404.6 psig  
Downhole Pressure in 7B Tubing = 1417 psig  
7B Brine Injection Rate = 317.8 GPM  
6X Annulus Press = 158.2 psig  
PPG 2 Tubing Pressure = 262.6 psig  
PPG 2 Annulus Press = 410.7 psig  
PPG 4 Tubing Pressure = 260.2 psig  
PPG 4 Annulus Press = 269.0 psig

## **Site Observations:**

-none

## **Operational Notes:**

- Central lake water column profile attached.
- Gas removal or oil withdrawal:
  - No gas was removed yesterday.
  - Gas oil was bled from PPG 7 yesterday, volumes will be determined upon sale. Frac tank at 75% full.
- Monitoring wells:
  - The plan is to return on 11/27/23 and resume drilling to TD of 780' bgs with logging scheduled for 11/29/23.
- 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 with be submitted by Nov 29<sup>th</sup>. TOS maps will be updated with tables and other DNR mapping requirements.



# Central Lake Water Column Profile

Sulphur Dome - Calcasieu Parish, Louisiana

Cond

|             |            |                 |              |
|-------------|------------|-----------------|--------------|
| Date:       | 11/24      | Time:           | 8:01         |
| Depth (ft): | 4 ft       |                 |              |
|             | Top (Blue) | Middle (Yellow) | Bottom (Red) |
| pH          | 7.75       | 7.76            | 7.70         |
| SC (uS/cm)  | 4238       | 4220            | 4209         |
| ORP (mV)    | 42181      | 146             | 96           |
| Temp (°C)   | 15.1       | 15.4            | 15.3         |
| TDS (ppm)   | 3758       | 3239            | 3240         |

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:

4/29/23

## Sulphur Field Observation Daily Report (Dayshift)

|                      | (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|----------------------|--------------|--------------|--------------|------------|-----------------------------------|
| Site 1 (E of #22 BW) |              |              |              |            |                                   |
|                      |              | Morning      | Afternoon    |            |                                   |
| O2                   |              | 21.0         | 21.0         |            |                                   |
| H2S/Methane          |              | 0            | 0            |            |                                   |
| H2s                  |              | 0            | 0            |            |                                   |
| PID (VOC)            |              | 0            | 0            |            |                                   |

|                       | (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|-----------------------|--------------|--------------|--------------|------------|-----------------------------------|
| Site 3 (Central Lake) |              |              |              |            |                                   |
|                       |              | Morning      | Afternoon    |            |                                   |
| O2                    |              | 21.0         | 21.0         |            |                                   |
| Methane               |              | 0            | 0            |            |                                   |
| H2s                   |              | 0            | 0            |            |                                   |
| PID (VOC)             |              | 0            | 0            |            |                                   |

|                       | (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|-----------------------|--------------|--------------|--------------|------------|-----------------------------------|
| Site 4 (Central Lake) |              |              |              |            |                                   |
|                       |              | Morning      | Afternoon    |            |                                   |
| O2                    |              | 21.0         | 20.9         |            |                                   |
| Methane               |              | 0            | 0            |            |                                   |
| H2s                   |              | 0            | 0            |            |                                   |
| PID (VOC)             |              | 0            | 0            |            |                                   |

|                       | (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|-----------------------|--------------|--------------|--------------|------------|-----------------------------------|
| Site 5 (Central Lake) |              |              |              |            |                                   |
|                       |              | Morning      | Afternoon    |            |                                   |
| O2                    |              | 21.0         | 21.0         |            |                                   |
| Methane               |              | 0            | 0            |            |                                   |
| H2s                   |              | 0            | 0            |            |                                   |
| PID (VOC)             |              | 0            | 0            |            |                                   |

|                       | (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|-----------------------|--------------|--------------|--------------|------------|-----------------------------------|
| Site 6 (Central Lake) |              |              |              |            |                                   |
|                       |              | Morning      | Afternoon    |            |                                   |
| O2                    |              | 20.9         | 21.0         |            |                                   |
| Methane               |              | 0            | 0            |            |                                   |
| H2s                   |              | 0            | 0            |            |                                   |
| PID (VOC)             |              | 0            | 0            |            |                                   |

|                       | (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|-----------------------|--------------|--------------|--------------|------------|-----------------------------------|
| Site 7 (Central Lake) |              |              |              |            |                                   |
|                       |              | Morning      | Afternoon    |            |                                   |
| O2                    |              | 21.0         | 21.0         |            |                                   |
| 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                    |              | 21.0         | 21.0         |            |                                   |
| 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                  |              | 20.9         | 20.9         |            |                                   |
| 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         | 21.0         |            |                                   |
| 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                     |              | 21.0         | 21.0         |            |                                   |
| 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                     |              | 21.0         | 21.0         |            |                                   |
| 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                     |              | 21.0         | 21.0         |            |                                   |
| 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                     |              | 21.0         | 21.0         |            |                                   |
| 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                     |              | 21.0         | 21.0         |            |                                   |
| 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                     |              | 20.9         | 21.0         |            |                                   |
| 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                     |              | 20.9         | 20.9         |            |                                   |
| 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                     |              | 21.0         | 21.0         |            |                                   |
| 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                     |              | 21.0         | 21.0         |            |                                   |
| 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         | 21.0         |            |                                   |
| 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                  |              | 21.0         | 21.0         |            |                                   |
| 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                    |              | 21.1         | 21.0         |            |                                   |
| 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 |
|---|--------------|--------------|--------------|------------|-----------------------------------|
|   |              | Morning      | Afternoon    |            |                                   |
| O2                                      |              | 21.0         | 21.2         |            |                                   |
| Methane                                 |              | 0            | 0            |            |                                   |
| H2s                                     |              | 0            | 0            |            |                                   |
| PID (VOC)                               |              | 0            | 0            |            |                                   |

#7 Well Pad Site General Housekeeping

|  |   |
|--|---|
| Check Derris for leaks or oil/urine                              | ✓ |
| 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 coil #1          | #2   |
| 5/8 Full              | Full |
| Moved oil to Frac 10A |      |

Signature:

BK  
KL

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 SW) | (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|----------------------|--------------|--------------|--------------|------------|-----------------------------------|

O2 20.8  
Methane 0  
H2S 0.0  
PID (VOC) 0.0

20.7  
0  
0.0  
0.0

7A Plugged Well Site

|              |              |              |            |                                   |
|--------------|--------------|--------------|------------|-----------------------------------|
| (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|--------------|--------------|--------------|------------|-----------------------------------|

O2 20.8  
Methane 0  
H2S 0.0  
PID (VOC) 0.0

20.7  
0  
0.0  
0.0

Site 10 (Yellowrock #7)

|              |              |              |            |                                   |
|--------------|--------------|--------------|------------|-----------------------------------|
| (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|--------------|--------------|--------------|------------|-----------------------------------|

O2 20.8  
Methane 0  
H2S 0.0  
PID (VOC) 0.0

20.7  
0  
0.0  
0.0

Site 9 (#4 SW Pond)

|              |              |              |            |                                   |
|--------------|--------------|--------------|------------|-----------------------------------|
| (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|--------------|--------------|--------------|------------|-----------------------------------|

O2 20.8  
Methane 0  
H2S 0.0  
PID (VOC) 0.0

20.7  
0  
0.0  
0.0

41

|                      |              |              |              |            |                                   |
|----------------------|--------------|--------------|--------------|------------|-----------------------------------|
| Site 19 (14 BW Pond) | (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|----------------------|--------------|--------------|--------------|------------|-----------------------------------|

|          |      |  |      |      |
|----------|------|--|------|------|
| 02       | 20.8 |  | 20.7 | 20.7 |
| Methane  | 0    |  | 0    | 0    |
| H2S      | 0.0  |  | 0.0  | 0.0  |
| PH (VOC) | 0.0  |  | 0.0  | 0.0  |

7B

|                     |              |              |              |            |                                   |
|---------------------|--------------|--------------|--------------|------------|-----------------------------------|
| #7b Wellhead Cellar | (Circle One) | More Intense | Less Intense | No Bubbles | Bubbling - no change in intensity |
|---------------------|--------------|--------------|--------------|------------|-----------------------------------|

|          |      |  |      |      |
|----------|------|--|------|------|
| 02       | 20.8 |  | 20.7 | 20.7 |
| Methane  | 0    |  | 0    | 0    |
| H2S      | 0.0  |  | 0.0  | 0.0  |
| PH (VOC) | 0.0  |  | 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:

Cheli Jackson