

### **Pressure Data:**

#### 3/17/2023 @ 6PM

7B Tubing Press = 81.9 psig

7B Annulus Press = 448.1 psig

Downhole Pressure in 7B Tubing = 1444

7B Brine Injection Rate = 238.4 GPM

6X Tubing Press = 186.8 psig

6X Annulus Press = 189.5 psig

Only daylight oil withdrawal ops from PPG 7B to PPG 20 (as needed).

Oil Injection into PPG 20:

- 3/17 = 0 bbls
- Total = 6,596 bbls

- 2/27 through 3/16 = 6,200 bbls withdrawn from PPG 20 and sold to Buckhead

#### 3/18/2023 @ 4AM

7B Tubing Press = 85.4 psig

Downhole Pressure in 7B Tubing = 1446

7B Annulus Press = 450.7 psig

7B Brine Injection Rate = 237.9 GPM

6X Tubing Press = 186.8 psig

6X Annulus Press = 189.4 psig

### **Site Observations:**

- No new observations or major changes.
- High winds prevented boat observations

### **Operational Notes:**

- #7 sonar and leak repair completed.
- Observation report now reflects numerical surface expressions and downhole gauge readings



Date: 3/17/23

Sulphur Field Observation  
Daily Report (Dayshift)

Bubble Sites

8am

2pm

Site 1 (E of #22 BW)

O2

21.0 21.0

LEL

0 0

H2s

0.0 0.0

(Circle One)

More Intense

Less Intense

No Bubbles

No change

Site 3 (Central Lake)

O2

LEL

H2s

(Circle One)

More Intense

Less Intense

No Bubbles

No change

Site 4 (Central Lake)

O2

LEL

H2s

(Circle One)

More Intense

Less Intense

No Bubbles

No change

Site 5 (Central Lake)

O2

LEL

H2s

(Circle One)

More Intense

Less Intense

No Bubbles

No change

Site 6 (Central Lake)

O2

LEL

H2s

(Circle One)

More Intense

Less Intense

No Bubbles

No change

Site 7 (Central Lake)

O2

LEL

H2s

(Circle One)

More Intense

Less Intense

No Bubbles

No change

Site 8 (Central Lake)

O2

LEL

H2s

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |

|              |              |              |            |           |
|--------------|--------------|--------------|------------|-----------|
| (Circle One) | More Intense | Less Intense | No Bubbles | No change |
|--------------|--------------|--------------|------------|-----------|

Site 9 (#4 BW Pond)

O2

LEL

H2s

|      |      |
|------|------|
| 21.0 | 21.0 |
| 0    | 0    |
| 0.0  | 0.0  |

|              |              |              |            |           |
|--------------|--------------|--------------|------------|-----------|
| (Circle One) | More Intense | Less Intense | No Bubbles | No change |
|--------------|--------------|--------------|------------|-----------|

Site 10 (Yellow rock #7)

O2

LEL

H2s

|      |      |
|------|------|
| 21.0 | 21.0 |
| 0    | 0    |
| 0.0  | 0.0  |

|              |              |              |            |           |
|--------------|--------------|--------------|------------|-----------|
| (Circle One) | More Intense | Less Intense | No Bubbles | No change |
|--------------|--------------|--------------|------------|-----------|

Site 12 (Central Lake)

O2

LEL

H2s

|  |  |
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|  |  |
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|              |              |              |            |           |
|--------------|--------------|--------------|------------|-----------|
| (Circle One) | More Intense | Less Intense | No Bubbles | No change |
|--------------|--------------|--------------|------------|-----------|

Site 17 (Central Lake)

O2

LEL

H2s

|  |  |
|--|--|
|  |  |
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|              |              |              |            |           |
|--------------|--------------|--------------|------------|-----------|
| (Circle One) | More Intense | Less Intense | No Bubbles | No change |
|--------------|--------------|--------------|------------|-----------|

Site 18 (Central Lake)

O2

LEL

H2s

|  |  |
|--|--|
|  |  |
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|              |              |              |            |           |
|--------------|--------------|--------------|------------|-----------|
| (Circle One) | More Intense | Less Intense | No Bubbles | No change |
|--------------|--------------|--------------|------------|-----------|

Site 19 (#4 BW Pond)

O2

|      |      |
|------|------|
| 21.0 | 21.0 |
| 0    | 0    |
| 0.0  | 0.0  |

LEL

H2s

|              |              |              |            |           |
|--------------|--------------|--------------|------------|-----------|
| (Circle One) | More Intense | Less Intense | No Bubbles | No change |
|--------------|--------------|--------------|------------|-----------|

Site 20 (Sheen on Crystal Creek  
(Big Pond))

O2

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |

LEL

H2s

|              |              |              |            |           |
|--------------|--------------|--------------|------------|-----------|
| (Circle One) | More Intense | Less Intense | No Bubbles | No change |
|--------------|--------------|--------------|------------|-----------|

#7B Wellhead Cellar

O2

|      |      |
|------|------|
| 21.0 | 21.0 |
| 0    | 0    |
| 0.0  | 0.0  |

LEL

H2s

|              |              |              |            |           |
|--------------|--------------|--------------|------------|-----------|
| (Circle One) | More Intense | Less Intense | No Bubbles | No change |
|--------------|--------------|--------------|------------|-----------|

#7A Plugged Well Site

O2

|      |      |
|------|------|
| 21.0 | 21.0 |
| 0    | 0    |
| 0.0  | 0.0  |

LEL

H2s

|              |              |              |            |           |
|--------------|--------------|--------------|------------|-----------|
| (Circle One) | More Intense | Less Intense | No Bubbles | No change |
|--------------|--------------|--------------|------------|-----------|

New Observation, intensity  
changes, or comments?

|  |
|--|
| Wind too high<br>visually observed<br>from bank at<br>both ponds<br>(No changes) |
|--|

Signature:

Martin Esparza



Date: 3-17-23

Sulphur Field Observation Daily Report (Nightshift)

|                     | 5pm     | 6pm     | 7pm     | 8pm     | 9pm     | 10pm    | 11pm    | 12am    | 1am     | 2am     | 3am     | 4am     |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 7b Tubing Pressure  | 81.8    | 81.9    | 74.2    | 83.1    | 83.4    | 84.2    | 83.8    | 84.5    | 84.4    | 85.6    | 85.9    | 85.4    |
| 7b Annulus Pressure | 448.1   | 448.1   | 449.1   | 448.9   | 449.1   | 449.7   | 449.6   | 450.8   | 450.6   | 450.9   | 451.1   | 450.7   |
| 7b Injection Rate   | 239.0   | 238.4   | 237.9   | 238.1   | 237.8   | 237.6   | 238.1   | 237.9   | 237.0   | 237.6   | 237.5   | 237.9   |
| 7b Downhole Gauge   | 1444/94 | 1444/94 | 1444/94 | 1444/94 | 1444/94 | 1445/94 | 1445/94 | 1445/94 | 1446/94 | 1446/94 | 1446/94 | 1446/94 |
| 6x Tubing Pressure  | 186.7   | 186.8   | 186.8   | 186.8   | 186.8   | 186.8   | 186.8   | 186.8   | 186.8   | 186.8   | 186.8   | 186.8   |
| 6x Annulus Pressure | 189.5   | 189.5   | 189.5   | 189.5   | 189.4   | 189.4   | 189.4   | 189.4   | 189.4   | 189.4   | 189.4   | 189.4   |

| Site 1 (E of #22 BW) |      | (Circle One) | More Intense | Less Intense | No Bubbles | No change |  |      |
|----------------------|------|--------------|--------------|--------------|------------|-----------|--|------|
| O2                   | 21.0 |              |              |              |            | 20.9      |  | 20.8 |
| LEL                  | 0    |              |              |              |            | 0         |  | 0    |
| H2s                  | 0    |              |              |              |            | 0         |  | 0    |

| 7A Plugged Well Site |      | (Circle One) | More Intense | Less Intense | No Bubbles | No change |  |      |
|----------------------|------|--------------|--------------|--------------|------------|-----------|--|------|
| O2                   | 21.0 |              |              |              |            | 20.9      |  | 20.8 |
| LEL                  | 0    |              |              |              |            | 0         |  | 0    |
| H2s                  | 0    |              |              |              |            | 0         |  | 0    |

| Site 10 (Yellowrock #7) |      | (Circle One) | More Intense | Less Intense | No Bubbles | No change |      |
|-------------------------|------|--------------|--------------|--------------|------------|-----------|------|
| O2                      | 21.0 |              |              |              | 20.9       |           | 20.8 |
| LEL                     | 0    |              |              |              | 0          |           | 0    |
| H2s                     | 0    |              |              |              | 0          |           | 0    |



Site 9 (#4 BW Pond)

|     | (Circle One) | More Intense | Less Intense | No Bubbles | No change |      |      |
|-----|--------------|--------------|--------------|------------|-----------|------|------|
| O2  | 21.0         |              |              |            |           | 20.9 | 20.8 |
| LEL | 0            |              |              |            |           | 0    | 0    |
| H2s | 0            |              |              |            |           | 0    | 0    |

Site 19 (#4 BW Pond)

|     | (Circle One) | More Intense | Less Intense | No Bubbles | No change |      |      |
|-----|--------------|--------------|--------------|------------|-----------|------|------|
| O2  | 21.0         |              |              |            |           | 20.9 | 20.8 |
| LEL | 0            |              |              |            |           | 0    | 0    |
| H2s | 0            |              |              |            |           | 0    | 0    |

#7b Wellhead Cellar

|     | (Circle One) | More Intense | Less Intense | No Bubbles | No change |      |      |
|-----|--------------|--------------|--------------|------------|-----------|------|------|
| O2  | 21.0         |              |              |            |           | 20.9 | 20.9 |
| LEL | 0            |              |              |            |           | 0    | 0    |
| H2s | 0            |              |              |            |           | 0    | 0    |

New Observation,  
intensity changes, or  
comments?

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Signature:

