

## SVE Monitoring

| Location         | Date    | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (H <sub>2</sub> O") | Vacuum Pressure downstream of drum (H <sub>2</sub> O") | Run Time (Hours) | System Operational at Arrival? | Drum H <sub>2</sub> O (inches bTOD) | Drum Drained? | Comments                                                                                              |
|------------------|---------|--------------|-------------------|------------------------------------------------------|--------------------------------------------------------|------------------|--------------------------------|-------------------------------------|---------------|-------------------------------------------------------------------------------------------------------|
| Atlantic A LS 9A | 1-15-24 | 1            | 6.4               | -38                                                  | -48                                                    | -                | Y                              | 22                                  | N             | Drum Frozen                                                                                           |
| Florance GC J 16 |         | 2            | 41.4              | -6                                                   | -                                                      | -                | Y                              | 12.5                                | Y             | Gasket leaking                                                                                        |
| Sandoval GC A 1A |         | 3            | 124.8             | -10 (H <sub>2</sub> O)                               | Broken                                                 | 7397.7           | N                              | 25                                  | N             | Drain Valve is broken (Needs replace)<br>Restarted System, Drum Frozen,                               |
| Jacquez GC B 3E  |         | 1            | 0.1               | -6                                                   | -                                                      | 5520.1           | Y                              | Dry                                 | N             | Run time gauge has condensation and is hard to read.                                                  |
| Al Elliot D 002  |         | 5            | -                 | -                                                    | -                                                      | -                | N                              | 12.7                                | N             | Drum Frozen and full, generator was running, attempted to restart, would not start.                   |
| GCU H180         |         | All          | -                 | -                                                    | -                                                      | 8675.6           | N                              | -                                   | -             | System not operational on arrival, attempted to start, could not start, would not start after drying. |
| Heaton LS 5      |         | Unk          | 82.3              | -                                                    | -54                                                    | -                | Y                              | 25.5                                | N             | Drum Frozen                                                                                           |
| Mudge B12 R      |         | 1            | 84.4              | -28                                                  | -8                                                     | -                | N                              | 32                                  | N             | Restarted System<br>Drum Frozen.                                                                      |
| Mudge A 002 MV   | ✓       | 2            | 32.0              | -50                                                  | -                                                      | -                | Y                              | Dry                                 | N             |                                                                                                       |
|                  |         |              |                   |                                                      |                                                        |                  |                                |                                     |               |                                                                                                       |
|                  |         |              |                   |                                                      |                                                        |                  |                                |                                     |               |                                                                                                       |

## Notes:

SVE - Soil Vapor Extraction

OVM - Organic Vapor Monitoring

ppm- parts per million

H<sub>2</sub>O"- inches water

cfm- cubic feet per minute

bTOD- below top of drum

## (in hg) SVE Monitoring

| Location          | Date    | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (H <sub>2</sub> O") | Vacuum Pressure downstream of drum (H <sub>2</sub> O") | Run Time (Hours) | System Operational at Arrival? | Drum H <sub>2</sub> O (inches bTOD) | Drum Drained? | Comments                                     |
|-------------------|---------|--------------|-------------------|------------------------------------------------------|--------------------------------------------------------|------------------|--------------------------------|-------------------------------------|---------------|----------------------------------------------|
| Atlantic A LS 9A* | 2-5-24  | 1            | 6.2               | -3.75                                                | -3.75                                                  | -                | Y                              | 23.6                                | Y             |                                              |
| Florance GC J 16* | 2-14-24 | 2            | 42.6              | -2.1                                                 | -2.1                                                   | -                | N                              | 16.4                                | Y             | Drum leaking, needs new gasket.              |
| Sandoval GC A 1A* | 2-5-24  | 3            | 41.0              | -2.5                                                 | -2.5                                                   | 7507.5           | Y                              | 31.75                               | Y             | Valve Fixed<br>Gauge Replaced                |
| Jacquez GC B 3E*  |         | 1            | 0.8               | -0.2                                                 | -                                                      | 7031.1           | Y                              | 32.5                                | N             | Water Frozen                                 |
| Al Elliot D 002*  |         | 5            | 65.7              | -0.5                                                 | -0.5                                                   | 6664.1           | Y                              | 30.1                                | Y             | B6T ≈ 90% Full                               |
| GCU H180          |         | All          | -                 | -                                                    | -                                                      | -                | Y                              | -                                   | -             | 2 PSI) 110°F)<br>1) 2.5 2) 2.5 3) 2.5 4) 1.5 |
| Heaton LS 5*      |         | Unk          | 98.9              | -2.5                                                 | -2.5                                                   | -                | Y                              | 27.3                                | Y             | run time gauge not connected                 |
| Mudge B12 R*      | 2-14-24 | 1            | 36.7              | -2.2                                                 | -2.5                                                   | -                | Y                              |                                     | N             | Drum Frozen                                  |
| Mudge A 002 MV*   | 2-14-24 | 2            | 22.0              | -5.0                                                 | -4.0                                                   | -                | Y                              | 32.0                                | N             | Drum Frozen                                  |
|                   |         |              |                   |                                                      |                                                        |                  |                                |                                     |               |                                              |
|                   |         |              |                   |                                                      |                                                        |                  |                                |                                     |               |                                              |

## Notes:

SVE - Soil Vapor Extraction

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ppm- parts per million

H<sub>2</sub>O"- inches water

cfm- cubic feet per minute

bTOD- below top of drum

\* - Gauge replaced with (in hg) vacuum pressure gauge

## SVE Monitoring

| Location         | Date    | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (inHg) | Vacuum Pressure downstream of drum (inHg) | Run Time (Hours) | System Operational at Arrival? | Drum H <sub>2</sub> O (inches bTOD) | Drum Drained? | Comments                                                                                  |
|------------------|---------|--------------|-------------------|-----------------------------------------|-------------------------------------------|------------------|--------------------------------|-------------------------------------|---------------|-------------------------------------------------------------------------------------------|
| Atlantic A LS 9A | 3-11-24 | 1            | 0.6               | 3.75                                    | 3.75                                      | -                | Y                              | 29.5                                | Y             |                                                                                           |
| Florance GC J 16 |         | 2            | 28.1              | 3.20                                    | <del>3.30</del> 2.30                      | -                | Y                              | 18.2                                | Y             | * - See below                                                                             |
| Sandoval GC A 1A |         | 3            | 89.1              | 2.50                                    | 2.50                                      | 7653.0           | N                              | 28.3                                | Y             |                                                                                           |
| Jacquez GC B 3E  |         | 1            | 1.2               | 0.2                                     | 0.2                                       | 7869.8           | Y                              | Dry                                 | N             |                                                                                           |
| Al Elliot D 002  |         | 5            | 26.5              | 0.5                                     | 0.5                                       | 6849.7           | N                              | 32.5                                | N             | Water Level below drain valve                                                             |
| GCU H180         |         | All          | -                 | -                                       | -                                         | 9003.0           | Y                              | -                                   | -             | Temp 125°F System Pressure 1.8 psi<br>SVE Point (psi):<br>(1) 2.5 (2) 2.5 (3) 2.5 (4) 2.5 |
| Heaton LS 5      |         | Unk          | 70.8              | 2.7                                     | 2.5                                       | -                | Y                              | 31.8                                | N             | Water Level below drain valve                                                             |
| Mudge B12 R      |         | 1            | 41.3              | 2.5                                     | 2.5                                       | -                | Y                              | 24.8                                | Y             | Drum has hole, needs to be replaced                                                       |
| Mudge A 002 MV   |         | 2            | 47.2              | 4.75                                    | 3.75                                      | -                | Y                              | Dry                                 | N             |                                                                                           |
|                  |         |              |                   |                                         |                                           |                  |                                |                                     |               |                                                                                           |
|                  |         |              |                   |                                         |                                           |                  |                                |                                     |               |                                                                                           |

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SVE - Soil Vapor Extraction  
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 cfm- cubic feet per minute  
 bTOD- below top of drum

\* - No leaks when system was running.  
 Turned off system and discovered leaks.  
 After investigation a small pinhole is present  
 at the bottom of the drum

# SVE Monitoring

| Location         | Date   | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (inHg) | Vacuum Pressure downstream of drum (inHg) | Run Time (Hours) | System Operational at Arrival? | Drum H2O (inches bTOD) | Drum Drained? | Comments                                                                                 |
|------------------|--------|--------------|-------------------|-----------------------------------------|-------------------------------------------|------------------|--------------------------------|------------------------|---------------|------------------------------------------------------------------------------------------|
| Atlantic A LS 9A | 4/8/24 | 1            | 66.1              | 3.75                                    | 3.75                                      | —                | Y                              | 29.5                   | Y             |                                                                                          |
| Florance GC J 16 |        | 2            | 202.8             | -4.0                                    | -4.0                                      | —                | Y                              | 14                     | Y             | Small leak when system is off                                                            |
| Sandoval GC A 1A |        | 3            | 148.3             | 2.5                                     | 2.5                                       | 7612.9           | N                              | 30.5                   | Y             |                                                                                          |
| Jacquez GC B 3E  |        | 1            | 6.0               | 0.2                                     | 0.2                                       | 8543.6           | Y                              | Dry                    | N             |                                                                                          |
| Al Elliot D 002  |        | 5            | 49.8              | 0.4                                     | 0.4                                       | 7181.6           | Y                              | 29                     | Y             |                                                                                          |
| GCU H180         |        | All          | -                 | -                                       | -                                         | 9177.0           | Y                              | -                      | -             | Temp 125 F System Pressure 20 psi<br>SVE Point (psi):<br>(1) 1.0 (2) 1.0 (3) 1.0 (4) 1.0 |
| Heaton LS 5      |        | Unk          | 107.5             | 2.75                                    | 2.5                                       | —                | Y                              | Dry                    | N             |                                                                                          |
| Mudge B12 R      |        | 1            | 256.3             | 2.5                                     | 2.5                                       | —                | Y                              | 28.5                   | Y             | Small leak when system is off                                                            |
| Mudge A 002 MV   |        | 2            | 104.3             | 4.75                                    | 3.00                                      | —                | Y                              | Dry                    | N             |                                                                                          |
|                  |        |              |                   |                                         |                                           |                  |                                |                        |               |                                                                                          |
|                  |        |              |                   |                                         |                                           |                  |                                |                        |               |                                                                                          |

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# SVE Monitoring

| Location         | Date   | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (inHg) | Vacuum Pressure downstream of drum (inHg) | Run Time (Hours) | System Operational at Arrival? | Drum H2O (inches bTOD)  | Drum Drained? | Comments                                                                                    |
|------------------|--------|--------------|-------------------|-----------------------------------------|-------------------------------------------|------------------|--------------------------------|-------------------------|---------------|---------------------------------------------------------------------------------------------|
| Atlantic A LS 9A | 5-6-24 | 1            | 1.3               | 3.75                                    | 3.75                                      | -                | Y                              | 31.5                    | N             | Water level below drain valve                                                               |
| Florance GC J 16 |        | 2            | 23.3              | 3.5                                     | 3.5                                       | -                | Y                              | 24.2                    | Y             | Tightened gasket, no leaks after tightening.                                                |
| Sandoval GC A 1A |        | 3            | 2.8               | 2.5                                     | 2.5                                       | 7745.2           | N                              | 32.5<br><del>32.5</del> | N             | Water level below drain valve, restarted system. MW connection was disconnected on arrival. |
| Jacquez GC B 3E  |        | 1            | 1.1               | 0.2                                     | 0.2                                       | 10,215.4         | Y                              | Dry                     | N             | Drum is dry.                                                                                |
| Al Elliot D 002  |        | 5            | 29.5              | 0.4                                     | 0.4                                       | 8154.0           | Y                              | 30.3                    | Y             | Drum dry                                                                                    |
| GCU H180         |        | All          | -                 | -                                       | -                                         | 9331.1           | Y                              | -                       | -             | Temp 127 F System Pressure 215 psi<br>SVE Point (psi):<br>(1) 1.5 (2) 2.5 (3) 2.0 (4) 1.0   |
| Heaton LS 5      |        | Unk          | 89.6              | 2.5                                     | 2.5                                       | -                | Y                              | Dry                     | N             | Drum dry                                                                                    |
| Mudge B12 R      |        | 1            | 26.7              | 2.5                                     | 2.5                                       | -                | Y                              | 27.5                    | Y             | Tightened gasket, gasket is cracked. Minor condensation observed after tightening.          |
| Mudge A 002 MV   |        | 2            | 52.0              | 5.0                                     | 3.75                                      | -                | Y                              | Dry                     | N             | Drum dry                                                                                    |
|                  |        |              |                   |                                         |                                           |                  |                                |                         |               |                                                                                             |
|                  |        |              |                   |                                         |                                           |                  |                                |                         |               |                                                                                             |

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# SVE Monitoring

| Location         | Date    | SVE Point(s) | Exhaust OVM (ppm) | Vacuum Pressure upstream of drum (inHg) | Vacuum Pressure downstream of drum (inHg) | Run Time (Hours) | System Operational at Arrival? | Drum H2O (inches bTOD) | Drum Drained? | Comments                                                                               |
|------------------|---------|--------------|-------------------|-----------------------------------------|-------------------------------------------|------------------|--------------------------------|------------------------|---------------|----------------------------------------------------------------------------------------|
| Atlantic A LS 9A | 6/14/24 | 1            | 3.4               | 4.0                                     | 3.75                                      | —                | Y                              | Dry                    | N             |                                                                                        |
| Florance GC J 16 | 6/13/24 | 2            | 35.8              | 3.0                                     | 3.5                                       | —                | Y                              | Dry                    | N             |                                                                                        |
| Sandoval GC A 1A | 6/13/24 | 3            | 10.0              | 5.0                                     | 2.0                                       | 792.4            | N                              | Dry                    | N             |                                                                                        |
| Jacquez GC B 3E  | 6/13/24 | 1            | 6.2               | 0.1                                     | 0.1                                       | 1264.0           | Y                              | Dry                    | N             |                                                                                        |
| Al Elliot D 002  | 6/13/24 | 5            | 37.3              | 0.1                                     | 0.1                                       | 906.2            | Y                              | Dry                    | N             |                                                                                        |
| GCU H180         | 6/12/24 | All          | -                 | -                                       | -                                         | Broken           | N                              | -                      | -             | Temp 145F System Pressure 2.5 psi<br>SVE Point (psi):<br>(1) 0.1 (2) 2.5 (3) 2.7 (4) 0 |
| Heaton LS 5      | 6/12/24 | Unk          | 102.0             | 1.0                                     | 1.0                                       | —                | Y                              | Dry                    | N             |                                                                                        |
| Mudge B12 R      | 6/12/24 | 1            | 36.7              | 2.5                                     | 2.5                                       | —                | Y                              | Dry                    | N             |                                                                                        |
| Mudge A 002 MV   | 6/13/24 | 2            | 150.5             | 5.0                                     | 5.0                                       | —                | Y                              | Dry                    | NO            |                                                                                        |
|                  |         |              |                   |                                         |                                           |                  |                                |                        |               |                                                                                        |
|                  |         |              |                   |                                         |                                           |                  |                                |                        |               |                                                                                        |

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system off  
on arrival.  
Reset.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 356908

CONDITIONS

|                                                                           |                                                                          |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>SIMCOE LLC<br>1199 Main Ave., Suite 101<br>Durango, CO 81301 | OGRID:<br>329736                                                         |
|                                                                           | Action Number:<br>356908                                                 |
|                                                                           | Action Type:<br>[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT) |

CONDITIONS

| Created By       | Condition                                                                                                  | Condition Date |
|------------------|------------------------------------------------------------------------------------------------------------|----------------|
| michael.buchanan | Heaton LS 5 SVE Field Forms 2024 has been accepted as part of the incident record and file. App ID: 356908 | 11/14/2024     |