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<td>MW-1 location looking south. Flag marks proposed location</td>
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**PHOTOGRAPHIC LOG**

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<td>HC Drew Manual Estate &quot;15&quot; No. 1 Neumin Production Company</td>
<td>North Chopique Oil &amp; Gas Field Calcasieu Parish, Louisiana</td>
<td>0494259</td>
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Client Name: HC Drew Manual Estate "15" No. 1
Neumin Production Company

Site Location: North Chopique Oil & Gas Field
Calcasieu Parish, Louisiana

Project No.: 0494259

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<td>East</td>
<td>IMG_0488 Former Operational Area</td>
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<td>North</td>
<td>IMG_0489 Former Operational Area</td>
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<td>9/7/2021</td>
<td>South</td>
<td>Former Operational Area</td>
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<td>Northern portion of operational area</td>
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<tr>
<td>9</td>
<td>9/7/2021</td>
<td>South</td>
<td>Sample location near old wellhead area. Flag marks proposed location</td>
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<tr>
<td>10</td>
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<td>East</td>
<td>Proposed MW-4 location in former tank battery. Flag in foreground.</td>
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</table>
Client Name: HC Drew Manual Estate "15" No. 1
Neumin Production Company

Site Location: North Chopique Oil & Gas Field
Calcasieu Parish, Louisiana

Project No.: 0494259

Photo No. 11
Date: 9/7/2021
Direction Photo Taken: East

Description:
IMG_0494

Former tank battery area looking east standing on western berm. Berm located around former tank battery, berm height ~2-3'.

Photo No. 12
Date: 9/7/2021
Direction Photo Taken: East

Description:
IMG_0495

East side of property from eastern edge of gravel pad
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<td>9/7/2021</td>
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<td>East side of property from eastern edge of gravel pad</td>
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<tr>
<td>14</td>
<td>9/7/2021</td>
<td>North</td>
<td>East side of property from eastern edge of gravel pad</td>
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<td>15</td>
<td>9/7/2021</td>
<td>North</td>
<td>IMG_0498&lt;br&gt;Geoprobe rig</td>
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<td>16</td>
<td>9/7/2021</td>
<td>West</td>
<td>IMG_0499&lt;br&gt;Gravel road coming into former production facility looking at entrance</td>
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<tr>
<td>17</td>
<td>9/7/2021</td>
<td>Down</td>
<td>IMG_0502 0-16' MW-1 soil cores. Top in bottom right of photo. Bottom top left side of photo</td>
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<td>18</td>
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<td>Northeast</td>
<td>IMG_0504 MW-2 location</td>
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<td>Northwest</td>
<td>IMG_0505 MW-3 proposed location. Flag marks location</td>
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<tr>
<td>21</td>
<td>9/7/2021</td>
<td>North</td>
<td>IMG_0506, MW-3 proposed location. Flag marks location</td>
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<tr>
<td>22</td>
<td>9/7/2021</td>
<td>South</td>
<td>IMG_0507, MW-1. 5’ prepack well screen used</td>
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### PHOTOGRAPHIC LOG

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<td>0494259</td>
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<tr>
<td>23</td>
<td>9/7/2021</td>
<td>North</td>
<td>West side of former production area</td>
</tr>
<tr>
<td>24</td>
<td>9/7/2021</td>
<td>West</td>
<td>Berm along north side of production facility</td>
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PHOTOGRAPHIC LOG

Client Name: HC Drew Manual Estate "15" No. 1
Neumin Production Company

Site Location: North Chopique Oil & Gas Field
Calcasieu Parish, Louisiana

Project No.: 0494259

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<th>Description</th>
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<tbody>
<tr>
<td>25</td>
<td>9/7/2021</td>
<td>East</td>
<td>Berm on south side of former tank battery</td>
</tr>
<tr>
<td>26</td>
<td>9/7/2021</td>
<td>North</td>
<td>Berm on west side of former tank battery</td>
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<tr>
<td>Photo No.</td>
<td>Date</td>
<td>Direction Photo Taken</td>
<td>Description</td>
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| 27       | 9/7/2021   | Down                 | IMG_0513
MW-2 soil borings. Top in upper left corner of photo. Bottom in lower right |
| 28       | 9/7/2021   | North                | IMG_0514
Entrance gate                                      |
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<td>Justin with GPRS marking MW-2</td>
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<td>Southeast</td>
<td>At site with GPRS</td>
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## PHOTOGRAPHIC LOG

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<td>Bermed area – former tank battery</td>
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<td>4</td>
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<td>Northwest</td>
<td>Bermed area – production area</td>
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### North West Elevation

- **149°SE (T)**
- **15N 454046 3340253 ±17 m**

### South East Elevation

- **345°NW (T)**
- **15N 454035 3340257 ±15 m**
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<td>9/7/2021</td>
<td>West</td>
<td>0494259-2021-09-07-13-42-21 MW-1 0-4'</td>
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<td>6</td>
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<td>West</td>
<td>0494259-2021-09-07-13-51-21 MW-1 4-8'</td>
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<tr>
<td>Photo No.</td>
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<td>Direction Photo Taken</td>
<td>Description</td>
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<td>------------</td>
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<tr>
<td>7</td>
<td>9/7/2021</td>
<td>West</td>
<td>0494259-2021-09-07-13-58-45 MW-1 8-12’</td>
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<td>8</td>
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<td>West</td>
<td>0494259-2021-09-07-14-09-41 MW-1 12-16’</td>
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<td><strong>9</strong></td>
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<td>0494259-2021-09-07-14-16-08&lt;br&gt;MW-1 core</td>
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<td>0494259-2021-09-07-14-48-08&lt;br&gt;MW-1</td>
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<td>North Chopique Oil &amp; Gas Field, Calcasieu Parish, Louisiana</td>
<td>0494259-2021-09-07-14-48-18 MW-1</td>
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<td>Photo No.</td>
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<td>Description</td>
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<tr>
<td>13</td>
<td>9/7/2021</td>
<td>West</td>
<td>East Elevation&lt;br&gt;267°W (T) • 15N 454039 3340253 ±18m&lt;br&gt;0494259-2021-09-07-15-20-15&lt;br&gt;MW-2 0-4'</td>
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<td>14</td>
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<td>West</td>
<td>East Elevation&lt;br&gt;263°W (T) • 15N 454037 3340252 ±17m&lt;br&gt;0494259-2021-09-07-15-27-04&lt;br&gt;MW-2 4-8'</td>
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<td>West</td>
<td>0494259-2021-09-07-15-43-56 MW-2 12-16’</td>
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PHOTOGRAPHIC LOG

Client Name: HC Drew Manual Estate "15" No. 1
Neumun Production Company

Site Location: North Chopique Oil & Gas Field
Calcasieu Parish, Louisiana

Project No.: 0494259

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<tr>
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| 17        | 9/7/2021 | West                 | 0494259-2021-09-07-17-00-02
|           |        |                       | MW-3 8-12’                 |
| 18        | 9/7/2021 | West                 | 0494259-2021-09-07-17-07-19
<p>|           |        |                       | MW-3 12-16’                |</p>
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<td>19</td>
<td>9/7/2021</td>
<td>West</td>
<td>0494259-2021-09-07-17-13-46 MW-3 4-8'</td>
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<td>West</td>
<td>0494259-2021-09-07-17-20-56 MW-3 0-4'</td>
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<td>West</td>
<td>Trucks at site</td>
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**Photo Description:**

**Photo 21:**
- North Elevation
- Date: 9/8/2021
- Description: 0494259-2021-09-08-08-10-51
- MW-4 set up

**Photo 22:**
- East Elevation
- Date: 9/8/2021
- Description: 0494259-2021-09-08-08-11-22
- Trucks at site
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<td>North</td>
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<td>Photo No.</td>
<td>Date</td>
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<td>Description</td>
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<tr>
<td>25</td>
<td>9/8/2021</td>
<td>Northeast</td>
<td>Morning set up</td>
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<tr>
<td>26</td>
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<td>Bronson setting up EC probe</td>
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<td>MW-4 12-16'</td>
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<td><img src="image1" alt="North West Elevation" /></td>
<td>0494259-2021-09-08-09-19-54 MW-4 core</td>
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<td>32</td>
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<td><img src="image2" alt="East Elevation" /></td>
<td>0494259-2021-09-08-09-39-40 SS-2 0-4'</td>
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<td>Photo No.</td>
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<td>Description</td>
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<td>33</td>
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<td>East Elevation</td>
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<td>📠 284°W (T) ● 15N 454024 3340263 ±16 m</td>
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<td>📠 253°SW (T) ● 15N 454015 3340276 ±4 m</td>
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PHOTOGRAPHIC LOG

Client Name: HC Drew Manual Estate "15" No. 1
Neumin Production Company

Site Location: North Chopique Oil & Gas Field
Calcasieu Parish, Louisiana

Project No.: 0494259

<table>
<thead>
<tr>
<th>Photo No.</th>
<th>Date</th>
<th>Direction Photo Taken</th>
<th>Description</th>
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</table>
| 35        | 9/8/2021   | West                  | 0494259-2021-09-08-10-48-01
B-7R EC Log |

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<th>Photo No.</th>
<th>Date</th>
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| 36        | 9/8/2021   | Southwest             | 0494259-2021-09-08-11-17-38
B-7R 0-4'  |
**PHOTOGRAPHIC LOG**

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<thead>
<tr>
<th>Photo No.</th>
<th>Date</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>37</td>
<td>9/8/2021</td>
<td>East Elevation 262°W(T) 15N 454046 3340249 ±9 m</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B-7R 4-8'</td>
</tr>
<tr>
<td>38</td>
<td>9/8/2021</td>
<td>East Elevation 264°W(T) 15N 454045 3340253 ±6 m</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B-7R 8-12'</td>
</tr>
<tr>
<td>Photo No.</td>
<td>Date</td>
<td>Direction Photo Taken</td>
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<tr>
<td>39</td>
<td>9/8/2021</td>
<td>West</td>
</tr>
<tr>
<td>40</td>
<td>9/8/2021</td>
<td>Southwest</td>
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# PHOTOGRAPHIC LOG

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<tbody>
<tr>
<td>41</td>
<td>9/8/2021</td>
<td>South</td>
<td>[Picture of B-7R core]</td>
</tr>
<tr>
<td>42</td>
<td>9/8/2021</td>
<td>North</td>
<td>[Picture of SE-SB19R EC Log]</td>
</tr>
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<td>Photo No.</td>
<td>Date</td>
<td>Direction Photo Taken</td>
<td>Description</td>
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</tr>
<tr>
<td>43</td>
<td>9/8/2021</td>
<td>North</td>
<td>South West Elevation: 33°N (T) • 15N 454027 3340230 ±4 m SE-SB19R set up</td>
</tr>
<tr>
<td>44</td>
<td>9/8/2021</td>
<td>West</td>
<td>East Elevation: 261°W (T) • 15N 454046 3340255 ±12 m SE-SB19R 0-4'</td>
</tr>
</tbody>
</table>
PHOTOGRAPHIC LOG

Client Name: HC Drew Manual Estate "15" No. 1
Neumin Production Company

Site Location: North Chopique Oil & Gas Field
Calcasieu Parish, Louisiana

Project No.: 0494259

---

Photo No. 45  Date: 9/8/2021

Direction Photo Taken: West

Description:
0494259-2021-09-08-14-27-07
SE-SB19R 4-8'

---

Photo No. 46  Date: 9/8/2021

Direction Photo Taken: West

Description:
0494259-2021-09-08-14-32-17
SE-SB19R 8-12'
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<th>Date</th>
<th>Direction Photo Taken</th>
<th>Description</th>
</tr>
</thead>
</table>
| 47        | 9/8/2021 | West                   | East Elevation  
266°W (T) • 15N 454044 3340262 ±15 m  
SE-SB19R 12-16’ |
| 48        | 9/8/2021 | West                   | East Elevation  
268°W (T) • 15N 454047 3340260 ±10 m  
SE-SB19R 16-20’ |
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<th>Photo No.</th>
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<td>49</td>
<td>9/8/2021</td>
<td>West</td>
<td>SE-SB19R 20-24'</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Description: 0494259-2021-09-08-14-56-38</td>
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<tr>
<td>50</td>
<td>9/8/2021</td>
<td>South</td>
<td>SE-SB19R core</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Description: 0494259-2021-09-08-15-05-07</td>
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<td>Photo No.</td>
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<td>Description</td>
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<tr>
<td>51</td>
<td>9/8/2021</td>
<td>Northwest</td>
<td>South East Elevation: 330°NW (T) • 15N 454064 3340271 ±16 m 0494259-2021-09-08-16-04-56 B-12R EC Log</td>
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<td>52</td>
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<td>Northwest</td>
<td>South East Elevation: 311°NW (T) • 15N 454059 3340280 ±6 m 0494259-2021-09-08-16-05-24 B-12R EC log set up</td>
</tr>
<tr>
<td>Photo No.</td>
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<td>Direction Photo Taken</td>
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<tr>
<td>53</td>
<td>9/8/2021</td>
<td>West</td>
<td>0494259-2021-09-08-16-41-56</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>B-12R 0-4'</td>
</tr>
</tbody>
</table>

**East Elevation**

\[264^\circ W (T) \, 15N \, 454043 \, 3340254 \pm 21 m\]

<table>
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<th>Photo No.</th>
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<th>Description</th>
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<td>9/8/2021</td>
<td>West</td>
<td>0494259-2021-09-08-16-49-11</td>
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<tr>
<td></td>
<td></td>
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<td>B-12R 4-8'</td>
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</table>
**PHOTOGRAPHIC LOG**

<table>
<thead>
<tr>
<th>Client Name:</th>
<th>Site Location:</th>
<th>Project No.:</th>
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<tbody>
<tr>
<td>HC Drew Manual Estate &quot;15&quot; No. 1</td>
<td>North Chopique Oil &amp; Gas Field</td>
<td>0494259</td>
</tr>
<tr>
<td>Neumin Production Company</td>
<td>Calcasieu Parish, Louisiana</td>
<td></td>
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<table>
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<tr>
<th>Photo No.</th>
<th>Date:</th>
<th>Direction Photo Taken:</th>
<th>Description:</th>
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<tbody>
<tr>
<td><strong>55</strong></td>
<td>9/9/2021</td>
<td>Northeast</td>
<td>0494259-2021-09-09-08-06-20 MW-4 set up for GW purging</td>
</tr>
<tr>
<td><strong>56</strong></td>
<td>9/9/2021</td>
<td>Northwest</td>
<td>0494259-2021-09-09-09-45-21 MW-2 set up for purging</td>
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<td>Photo No.</td>
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<td>Direction Taken</td>
<td>Description</td>
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<tr>
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<td>-----------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>57</td>
<td>9/9/2021</td>
<td>North</td>
<td>South Elevation 351°N (T) 15N 454080 3340185 ±8 m MW-3 purge set up</td>
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<tr>
<td>58</td>
<td>9/9/2021</td>
<td>Southeast</td>
<td>North West Elevation 167°SE (T) 15N 454060 3340250 ±4 m WHE loading up 4x4 boards for surface completions</td>
</tr>
<tr>
<td>Photo No.</td>
<td>Date</td>
<td>Direction Photo Taken</td>
<td>Description</td>
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<tr>
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</tr>
<tr>
<td>59</td>
<td>9/9/2021</td>
<td>West</td>
<td>0494259-2021-09-09-12-19-39</td>
</tr>
<tr>
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<td></td>
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<td>SE-SB09R 0-4'</td>
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<tr>
<td>60</td>
<td>9/9/2021</td>
<td>West</td>
<td>0494259-2021-09-09-12-25-14</td>
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<td>SE-SB09R 4-8'</td>
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<tr>
<td>Photo No.</td>
<td>Date</td>
<td>Direction Photo Taken</td>
<td>Description</td>
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<td>61</td>
<td>9/9/2021</td>
<td>West</td>
<td>0494259-2021-09-09-12-33-45</td>
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<td></td>
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<td>SE-SB09R 8-12'</td>
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<tr>
<td>62</td>
<td>9/9/2021</td>
<td>West</td>
<td>0494259-2021-09-09-13-26-32</td>
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<td></td>
<td></td>
<td></td>
<td>SS-1 0-4'</td>
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<tr>
<td>Photo No.</td>
<td>Date</td>
<td>Direction Photo Taken</td>
<td>Description</td>
</tr>
<tr>
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<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>63</td>
<td>9/9/2021</td>
<td>Southeast</td>
<td>Sampling MW-4</td>
</tr>
<tr>
<td>64</td>
<td>9/9/2021</td>
<td>Southwest</td>
<td>B-29R 0-4'</td>
</tr>
</tbody>
</table>
PHOTOGRAPHIC LOG

Client Name:  
HC Drew Manual Estate "15" No. 1  
Neumin Production Company

Site Location:  
North Chopique Oil & Gas Field  
Calcasieu Parish, Louisiana

Project No.:  
0494259

---

**Photo No. 65**  
**Date:** 9/9/2021

**Direction Photo Taken:** Southwest

**Description:**  
0494259-2021-09-09-15-10-11  
B-29R 4-8'

---

**Photo No. 66**  
**Date:** 9/9/2021

**Direction Photo Taken:** West

**Description:**  
0494259-2021-09-09-15-20-05  
B-29R 8-12'

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**PHOTOGRAPHIC LOG**

<table>
<thead>
<tr>
<th>Photo No.</th>
<th>Date</th>
<th>Direction Photo Taken</th>
<th>Description</th>
</tr>
</thead>
</table>
| 67        | 9/9/2021   | West                   | 0494259-2021-09-09-15-32-00
|           |            |                        | B-29R 12-13’ |

**Photo No. 68**

<table>
<thead>
<tr>
<th>Date</th>
<th>Direction Photo Taken</th>
<th>Description</th>
</tr>
</thead>
</table>
| 9/10/2021  | West                   | 0494259-2021-09-10-08-33-00
<p>|            |                        | MW-3        |</p>
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<thead>
<tr>
<th>Photo No.</th>
<th>Date</th>
<th>Direction Photo Taken</th>
<th>Description</th>
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<tbody>
<tr>
<td>69</td>
<td>9/10/21</td>
<td>North</td>
<td>South Elevation 33°N (T) • 15N 453982 3340196 ±7 m Sampling MW-2</td>
</tr>
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<td>70</td>
<td>9/10/21</td>
<td>South</td>
<td>North Elevation 197°S (T) • 15N 454052 3340332 ±5 m MW-1</td>
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## PHOTOGRAPHIC LOG

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<th>Note</th>
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<tbody>
<tr>
<td>71</td>
<td>9/10/2021</td>
<td>Southeast</td>
<td>MW-4 slug test set up</td>
<td></td>
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<tr>
<td>72</td>
<td>9/10/2021</td>
<td>West</td>
<td>General locations of SE-SB01 and TW-6</td>
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### PHOTOGRAPHIC LOG

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<th>Photo No.</th>
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<tr>
<td>73</td>
<td>9/10/2021</td>
<td>Northwest</td>
<td>0494259-2021-09-10-13-47-07</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>General locations of SE-SB01 and TW-6</td>
</tr>
</tbody>
</table>

**Client Name:**
HC Drew Manual Estate "15" No. 1
Neumin Production Company

**Site Location:**
North Chopique Oil & Gas Field
Calcasieu Parish, Louisiana

**Project No.:**
0494259

---

**South East Elevation**

321°NW (T) • 15N 453820 3340557 ±8 m
# PHOTOGRAPHIC LOG

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>HC Drew Manual Estate &quot;15&quot; No. 1 Neumin Production Company</td>
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<td>0494259</td>
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<th>Photo No.</th>
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<th>Description:</th>
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<tbody>
<tr>
<td>1</td>
<td>10/26/2021</td>
<td>Northeast</td>
<td>Canal by entrance gate, water high, heavily vegetated</td>
</tr>
<tr>
<td>2</td>
<td>10/26/2021</td>
<td>North</td>
<td>Field west of former operational area</td>
</tr>
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</table>
### PHOTOGRAPHIC LOG

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<thead>
<tr>
<th>Photo No.</th>
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<tr>
<td>3</td>
<td>10/26/2021</td>
<td>South</td>
<td>Field west of former operational area</td>
</tr>
<tr>
<td>4</td>
<td>10/26/2021</td>
<td>East</td>
<td>East of former operational area within fence</td>
</tr>
</tbody>
</table>

**Client Name:** HC Drew Manual Estate "15" No. 1  
Neumin Production Company

**Site Location:** North Chopique Oil & Gas Field  
Calcasieu Parish, Louisiana

**Project No.:** 0494259
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<tr>
<td><strong>5</strong></td>
<td><strong>10/26/2021</strong></td>
<td><strong>East</strong></td>
<td>MW-4 monitoring well, guard post was knocked over</td>
</tr>
<tr>
<td><strong>6</strong></td>
<td><strong>10/26/2021</strong></td>
<td><strong>North</strong></td>
<td>Berms around former production area</td>
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**PHOTOGRAPHIC LOG**

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<td>0494259</td>
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<th>Description:</th>
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<tr>
<td>7</td>
<td>10/26/2021</td>
<td>West</td>
<td>20211026_092019</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>West of well pad facing west, no major drainage visible</td>
</tr>
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