UNIQUE WELL IDENTIFIER FORMAT

Unique Well Identifier (UWI)

The unique well identifier is the standard 16-character code which defines the bottom hole location and each significant drilling or completion event in the well.

UWI in the Dominion Land Survey System

Example well location 14-36-85-17 W6
UWI 100 14 36 085 17 W6 0 0

<table>
<thead>
<tr>
<th>Character</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4,5</th>
<th>6,7</th>
<th>8-10</th>
<th>11,12</th>
<th>13,14</th>
<th>15</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>UWI</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>14</td>
<td>36</td>
<td>085</td>
<td>17</td>
<td>W6</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Description</td>
<td>LSD</td>
<td>Section</td>
<td>Township</td>
<td>Range</td>
<td>Meridian</td>
<td>Event</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- In the DLS system the first character is always “1”
- The second character will be numeric value between “0” (zero) and “9”.
- The third character indicates the chronological sequence of wells drilled in the Legal Subdivision (LSD): “0” denotes the first well, “2” denotes the second well, “3” the third, etc.
  For example, if the UWI is 1 02 14 36 085 17 W6 00, “2” indicates that this is the second well drilled to a bottom-hole location in LSD 14.
  For a vertical hole, the corresponding surface location is written A14-36-85-17.
- The fourth and fifth characters identify the LSD.
- The sixth and seventh characters identify the Section.
- The eighth, ninth and tenth characters identify the Township.
- The eleventh and twelfth characters identify the Range.
- The thirteenth and fourteenth characters identify the “Meridian”.
  All wells in northeast British Columbia are west of the 6th Meridian (W6).
- The fifteenth character will be a numeric value between “0” (zero) and “9”.
- The sixteenth character, the event sequence code, indicates the significant drilling and/or completion operations at a well which yield a separate and unique set of geological or production data. The initial drilling and first completion are coded “0” (zero) and subsequent events 2-9. (Event sequence code 1 is not used.) An event sequence code other than zero is created as a result of:
  - deepening a well
  - re-entry of a well
  - whipstocked portion of a well
  - second and subsequent completions

UWI in the NTS System

Example well location d-96-H/94-A-15
Unique Well Identifier Format

UWI 200 D 096 H 094A15 00

<table>
<thead>
<tr>
<th>Character</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5-7</th>
<th>8</th>
<th>9-14</th>
<th>15</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>UWI</td>
<td>2</td>
<td>0</td>
<td>d</td>
<td>096</td>
<td>H</td>
<td>094A15</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>¼ Unit</td>
<td>Unit</td>
<td>Block</td>
<td>NTS Map Sheet</td>
<td>Event</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- In the NTS system, the first character is always “2”.
- The second character numeric value between “0” (zero) and “9”.
- The third character indicates the chronological sequence of wells drilled in the Quarter Unit:
  - “0” denotes the first well, “2” denotes the second well, “3” the third, etc.
  - For example, if the UWI is 2 03 D 096 H 094 A 15 00, the “3” indicates that this is the third well drilled to a bottom-hole location in 1/4 unit “d”.
  - For a vertical hole, the corresponding surface location is written d-B96-H/94-A-15.
- The fourth character identifies the Quarter Unit.
- The fifth to seventh characters identify the Unit.
- The eighth character identifies the Block.
- The ninth to fourteenth characters identify the NTS Map Sheet Number.
- The fifteenth character numeric value between “0” (zero) and “9”.
- The sixteenth character, the event sequence code, indicates the significant drilling and/or completion operations at a well which yield a separate and unique set of geological or production data. See the description above under the DLS well example.