Theis Recovery Test Results
MW44
Data Set: M:\..\MW44_recovery_unc_corrected.aqt
Date: 05/07/18
Time: 11:53:22

PROJECT INFORMATION
Company: E & E
Client: BLM
Location: Red Devil Mine Site, AK
Test Well: MW44
Test Date: 9/13/2017

WELL DATA

<table>
<thead>
<tr>
<th>Pumping Wells</th>
<th>Observation Wells</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Name</td>
<td>X (ft)</td>
</tr>
<tr>
<td>MW44</td>
<td>0</td>
</tr>
</tbody>
</table>

SOLUTION
Aquifer Model: Unconfined
Solution Method: Theis (Recovery)
T = 0.000162 ft²/sec
S/S' = 1.006
MW46

Data Set: M:\..\MW46_recovery_unc_corrected.aqt
Date: 05/07/18
Time: 11:55:02

PROJECT INFORMATION

Company: E & E
Client: BLM
Location: Red Devil Mine Site, AK
Test Well: MW46
Test Date: 9/8/2017

WELL DATA

<table>
<thead>
<tr>
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<td>X (ft)</td>
</tr>
<tr>
<td>MW46</td>
<td>0</td>
</tr>
</tbody>
</table>

SOLUTION

Aquifer Model: Unconfined
T = 0.0002437 ft²/sec
Solution Method: Theis (Recovery)
S/S' = 1.726
MW47
Data Set: M:\..\MW47_recovery_unc_corrected.aqt
Date: 05/07/18
Time: 11:57:19

PROJECT INFORMATION
Company: E & E
Client: BLM
Location: Red Devil Mine Site, AK
Test Well: MW47
Test Date: 9/10/2017

WELL DATA
<table>
<thead>
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<td>Well Name</td>
<td>X (ft)</td>
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<tr>
<td>MW47</td>
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</tbody>
</table>

SOLUTION
Aquifer Model: Unconfined
T = 0.0003608 ft²/sec
Solution Method: Theis (Recovery)
S/S' = 1.53
MW48
Data Set: M:\..\MW48_recovery_unc_corrected.aqt
Date: 05/07/18
Time: 11:58:47

PROJECT INFORMATION

Company: E & E
Client: BLM
Location: Red Devil Mine Site, AK
Test Well: MW48
Test Date: 9/7/2017

WELL DATA

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<tr>
<th>Pumping Wells</th>
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<tr>
<td>Well Name</td>
<td>X (ft)</td>
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<tr>
<td>MW48</td>
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</tbody>
</table>

SOLUTION

Aquifer Model: Unconfined
Solution Method: Theis (Recovery)
\[T = 0.0004369 \text{ ft}^2/\text{sec}\]
\[S/S' = 1.032\]
MW50

Data Set: M:\..\MW50_recovery_unc_corrected.aqt
Date: 05/07/18
Time: 12:01:27

PROJECT INFORMATION

Company: E & E
Client: BLM
Location: Red Devil Mine Site, AK
Test Well: MW50
Test Date: 9/16/2017

WELL DATA

<table>
<thead>
<tr>
<th>Well Name</th>
<th>X (ft)</th>
<th>Y (ft)</th>
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<tbody>
<tr>
<td>MW50</td>
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</table>

<table>
<thead>
<tr>
<th>Well Name</th>
<th>X (ft)</th>
<th>Y (ft)</th>
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</thead>
<tbody>
<tr>
<td>MW50</td>
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</tr>
</tbody>
</table>

SOLUTION

Aquifer Model: Unconfined
Solution Method: Theis (Recovery)

T = 2.663E-5 ft²/sec
S/S' = 0.8482
MW51
Data Set: M:\..\MW51_recovery_unc_corrected.aqt
Date: 05/07/18
Time: 12:04:00

PROJECT INFORMATION
Company: E & E
Client: BLM
Location: Red Devil Mine Site, AK
Test Well: MW51
Test Date: 9/16/2017

WELL DATA

<table>
<thead>
<tr>
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<th>Observation Wells</th>
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<tbody>
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<td>Well Name</td>
<td>X (ft)</td>
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<tr>
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</table>

SOLUTION
Aquifer Model: Unconfined
T = 0.0001793 ft²/sec
Solution Method: Theis (Recovery)
S/S' = 0.4576
MW52

Data Set: M:\\M2 recovery unc_corrected.aqt
Date: 05/07/18
Time: 12:10:23

PROJECT INFORMATION

Company: E & E
Client: BLM
Location: Red Devil Mine Site, AK
Test Well: MW52
Test Date: 9/10/2017

WELL DATA

<table>
<thead>
<tr>
<th>Pumping Wells</th>
<th>Observation Wells</th>
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<tr>
<td>Well Name</td>
<td>X (ft)</td>
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<tr>
<td>MW52</td>
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</table>

SOLUTION

Aquifer Model: Unconfined
T = 0.0001692 ft²/sec
Solution Method: Theis (Recovery)
S/S' = 0.994
MW53

Data Set: M:\\..\MW53_recovery_unc_corrected.aqt
Date: 05/07/18 Time: 12:12:20

PROJECT INFORMATION

Company: E & E
Client: BLM
Location: Red Devil Mine Site, AK
Test Well: MW53
Test Date: 9/12/2017

WELL DATA

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Well Name</td>
<td>X (ft)</td>
</tr>
<tr>
<td>MW53</td>
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</tr>
</tbody>
</table>

SOLUTION

Aquifer Model: Unconfined
Solution Method: Theis (Recovery)
T = 1.33E-5 ft²/sec
S/S' = 1.175
MW54

Data Set: M:\..\MW54_recovery_unc_corrected.aqt
Date: 05/07/18
Time: 12:16:39

PROJECT INFORMATION

Company: E & E
Client: BLM
Location: Red Devil Mine Site, AK
Test Well: MW54
Test Date: 9/11/2017

WELL DATA

<table>
<thead>
<tr>
<th>Pumping Wells</th>
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</thead>
<tbody>
<tr>
<td>Well Name</td>
<td>X (ft)</td>
</tr>
<tr>
<td>MW54</td>
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</tr>
</tbody>
</table>

SOLUTION

Aquifer Model: Unconfined
T = 4.316E-5 ft^2/sec
Solution Method: Theis (Recovery)
S/S' = 0.9498
WELL TEST ANALYSIS

Data Set: M:\..\MW55_recovery_unc_corrected.aqt
Date: 05/07/18
Time: 12:18:31

PROJECT INFORMATION

Company: EEEPC
Client: BLM
Location: Red Devil, AK
Test Well: MW55
Test Date: 9/2017

AQUIFER DATA

Saturated Thickness: 20 ft
Anisotropy Ratio (Kz/Kr): 1

WELL DATA

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Well Name</td>
<td>X (ft)</td>
</tr>
<tr>
<td>MW55</td>
<td>0</td>
</tr>
</tbody>
</table>

SOLUTION

Aquifer Model: Unconfined
Solution Method: Theis (Recovery)

T = 0.001696 ft²/sec
S/S’ = 6.165
MW58
Data Set: M:\...\MW58_recovery_unc_corrected.aqt
Date: 05/07/18
Time: 12:20:44

PROJECT INFORMATION
Company: E & E
Client: BLM
Location: Red Devil Mine Site, AK
Test Well: MW58
Test Date: 9/11/2017

WELL DATA

<table>
<thead>
<tr>
<th>Pumping Wells</th>
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<tbody>
<tr>
<td>Well Name</td>
<td>X (ft)</td>
</tr>
<tr>
<td>MW58</td>
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</tbody>
</table>

SOLUTION
Aquifer Model: Unconfined
Solution Method: Theis (Recovery)
T= 3.627E-5 ft²/sec
S/S' = 1.207