FORM 9-1642
(1-68)

WELL SCHEDULE
U. S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES OF IOWA

Well No. 420

JUL 11 1973

MASTER CARD

Record No. 47
Source of data: MABK
Date: 1-9-72
Map: 47

State: IA
County or town: Marshall

Latitude: 41° 34' 47.1" N
Longitude: 91° 28' 50.0" W
Sequential number: 1

Local well number: 3-20
Local use: B & H

Owner or name: Robert Bjrnlund
Address: Holly Springs,

Ownership: County, Fed Govt., City, Corp or Co., Private, State Agency, Water Dist

Use of: Acqueduct, Bottling, Comm, Draw water, Power, Fit for, Door, Irr, Med, Ind, P.S., Rec,

Water: Stock, Insekt, Unused, Repressure, Recharge, Dist, P.S., Dist, Other

Well: Acqueduct, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

Data available: Well data: 70
Freq. W/L meas.: 70
Field aquifer char.: 70

Hyd. lab. data: 70
Qual. water data: 70
Type: 70

Freq. sampling: 75
Purpose inventory: 75
Yes 75

Aperture cards: 75

Log date: 75

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 121.0 ft
Date: 11/30/72
Driller: Kent Bjernd

Depth cased: 40 ft
Casing: PVC

Finish: concrete, (open perf.), screen, ad. Pt., shredded paper, other

Method: Drilled: air bored, cable, aug., jetted, air reverse trenching, driven, drive rot., other

Drilled: 11/30/72

Lift: 47 ft
Power: diesel

Descript. MP: above 70 ft below LSD, Alt. MP

Alt. LSD: 47
Water level above LSD: 47

Date: 11/7/2

Analysis: 48

Accuracy: 48

Method determined: 48

Quality of water data: iron: 49

Sp. Cond.: K x 10^6

Taste, color, etc.
<table>
<thead>
<tr>
<th>HYDROGEOLOGIC FEATURES</th>
<th>Source of data:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topography:</td>
<td></td>
</tr>
<tr>
<td>Depression, stream channel, dunes, flat, hilltop, sink, swamp,</td>
<td></td>
</tr>
<tr>
<td>Well site:</td>
<td></td>
</tr>
<tr>
<td>Offshore, pediment, hillside, terrace, undulating, valley flat</td>
<td></td>
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</tbody>
</table>

**MAJOR AQUIFER**

<table>
<thead>
<tr>
<th>Lithology:</th>
<th>Origin:</th>
<th>Aquifer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series:</td>
<td>Depth to</td>
<td>Thickness:</td>
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<td></td>
<td>top of</td>
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**MINOR AQUIFER**

<table>
<thead>
<tr>
<th>Lithology:</th>
<th>Origin:</th>
<th>Aquifer</th>
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<tbody>
<tr>
<td>Series:</td>
<td>Depth to</td>
<td>Thickness:</td>
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<td></td>
<td>top of</td>
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**Intervals Screened:**

<table>
<thead>
<tr>
<th>Depth to</th>
<th>Source of data:</th>
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<tbody>
<tr>
<td>consolidated rock:</td>
<td></td>
</tr>
<tr>
<td>Base ment:</td>
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**Coefficient:**

<table>
<thead>
<tr>
<th>Transmissivity</th>
<th>Storage:</th>
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<tbody>
<tr>
<td>Coefficient:</td>
<td></td>
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</table>

**Permeability:**

<table>
<thead>
<tr>
<th>gpd/ft²</th>
<th>Specific capacity:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>gpm/ft; Number of geologic cards:</td>
</tr>
</tbody>
</table>