**FORM 9-1642**

**WELL SCHEDULE**

**U.S. DEPT. OF THE INTERIOR**

**GEOLOGICAL SURVEY**

**WATER RESOURCES DIVISION**

**MASTERCARD**

- **Record by**: T. Shill
- **Source of data**: Bone
- **Date**: 4/16/9
- **Map**: 41
- **State**: Mont
- **County (or town)**: 28
- **Latitude**: 39 42 44.7 N
- **Longitude**: 0 8 9 35.86 W
- **Lat-long accuracy**: 3
- **Sequential number**: 1
- **Local well number**: K 10 2 6 A 1 9 1 1 1 M 0 7 E
- **Other number**: B & H
- **Local use**: 0 8 7
- **Owner or name**: D. I. Y. A. S.]
- **Address**: L. T. Kilmeyer
- **Ownership**: County, Fed Gov't, City, Corp of Co, Private, State Agency, Water Dist
- **Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Water (S) (T) (U) (V) (W) (X) (Y) (Z)
- **Stock, Inst, Unused, Repurpose, Recharge, Diesel-P S, Diesel-other, Other**: H
- **Use of Well**: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed
- **DATA AVAILABLE**: Well data, Field aquifer char
- **Hyd. lab data**: 79
- **Qual. water data**: 79
- **Freq. sampling**: 79
- **Pumping inventory**: 79
- **Period**: 79
- **Aperture cards**: 79
- **Log data**: Test hole TD 607 ft; Driller's log to 330 ft
- **WELL-DESCRIPTION CARD**

<table>
<thead>
<tr>
<th>SAME AS ON MASTER CARD</th>
<th>Depth well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth well:</td>
<td>1324 ft</td>
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</tbody>
</table>

**Depth cards**: Depth perf. 324 ft

- **Casing type**: 1304 ft
- **Diam.**: 4 x 2 in

- **Depth of porous gravel w. gravel w. horiz. open perf., screen, ed. pt., plugged, open**: 79
- **Method**: Air bored, Cable, dog, hydraulic, jetted, Reverse trenching, driven, drive, rot., rot.
- **Pump intake setting**: 79

- **Driller**: Name
- **Address**: 79
- **Type**: air, bucket, cent, jet, (cent.) (turb.)
- **Power type**: Diesel, Elec, Gas, Gasoline, Hand, Gas, Wind
- **Description**: HP
- **Alt. LSD**: 325 ft

<table>
<thead>
<tr>
<th>Alt. LSD:</th>
<th>Accuracy:</th>
<th>Source:</th>
</tr>
</thead>
<tbody>
<tr>
<td>325</td>
<td>43</td>
<td>42</td>
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</tbody>
</table>

**Water level**: 45 ft above LSD

- **Date**: 8-10-73
- **Yield**: 5 gpm
- **Method determined**: 97
- **Drawdown**: 66 ft
- **Quality of water**: Iron

<table>
<thead>
<tr>
<th>QUALITY OF WATER DATA:</th>
<th>Temp.</th>
<th>Sp. Conduct X 10^6</th>
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<tbody>
<tr>
<td>Iron</td>
<td></td>
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</table>

- **Taste, color, etc.**

**Well No.**: K12
HYDROGEOLOGIC CARD

Well No. K12

Latitude-longitude

Physiographic Province:
Section:
Subbasin:

Drainage basin:

Topo of well site:
- depression
- stream channel
- dunes
- flat
- hilltop
- sink
- swamp
- offshore
- pediment
- hillside
- terrace
- undulating
- valley flat

MAJOR AQUIFER:

system
series
aquifer, formation, group

Lithology:

Length of well open to:

ft

Depth to top of:

ft

MINOR AQUIFER:

system
series
aquifer, formation, group

Lithology:

Length of well open to:

ft

Depth to top of:

ft

Intervals screened:

ft

Depth to consolidated rock:

ft

Source of data:

Depth to basement:

ft

Source of data:

Surficial material:

Infiltration characteristics:

Coefficient of transmissivity:

Coefficient of storativity:

Coefficient of permeability:

Spec cap:

Number of geologic cards:

210 ft of 4-inch casing
94 ft 2-inch casing
20 ft 2-inch screen

Clay 1-18 ft
Shale 18-80 ft
Sand 80-120 ft
Clay 120-212 ft
Shale 212-290 ft
F. white sd 290-330 ft
Brown shale 330 ft

GPO 837-142