FORM 9-1642
(1-69)

WELL SCHEDULE
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

MASTER CARD
Record by A.D. Source of data Bows Date 12-70 Map

State 218 County (or town) Chickasaw 0.7
Latitude: 33° 3' 0" N Longitude: 90° 8' 10" W
Lat-long accuracy: 1/16 min sec
Local well number: K1049 3-04 0.8 14 5 10 3 9
Local use: Owner number:
Owner or name: 0921 W. Lancaster 86 6
Owner or name: Address: Heavenly, MO.

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

Use of water: (A) - (B) - (C) - (D) - (E) - (F) - (G) - (H) - (I) - (J) - (K) - (L) - (M)

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other

Well: (A) - (B) - (C) - (D) - (E) - (F) - (G) - (H) - (I) - (J) - (K) - (L) - (M) - (N) - (O) - (P)


Hyd. lab. data:

Qual. water data:

Freq. sampling:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD
SAME AS ON MASTER CARD

Depth well: 18.6

Casing (filter perf.)

[Diagram]

Finish: (C) - (D) - (E) - (F) - (G) - (H) - (I) - (J) - (K) - (L) - (M)

Method: (A) - (B) - (C) - (D) - (E) - (F) - (G) - (H) - (I) - (J) - (K) - (L) - (M)

Date Drilled: 7-7-70

Name: Ashley

Address: 

Power: (type): Diesel, elec, gas, gasoline, hand, gas, wld, H.P.

Descr. MP: 

Water: Al, LSD: 69 above 42 ft below MP; LSD: 43 67

Date meas: 12-70

Yield: 20 ft

Drawdown: 67 ft

QUALITY OF WATER DATA:

Iron ppm 69 Sulfate ppm 69 Chloride ppm 69 Hard, ppm 77

Sp. Conduct: K x 10^6 Temp: °F

Taste, color, etc.
HYDROGEOLOGIC CARD

Well No. K4

Latitude-longitude

Physiographic Province:

Drainage Basin:

Section:

Subbasin:

Topo of well site:

Major Aquifer:

System:

Series:

Origin:

Aquifer, formation, group:

Lithology:

Length of well open to:

Depth to top of:

Thickness:

Minor Aquifer:

System:

Series:

Origin:

Aquifer, formation, group:

Lithology:

Length of well open to:

Depth to top of:

Thickness:

Interval Screened: Perform. Pipe

Depth to consolidated rock:

Source of data:

Depth to basement:

Source of data:

Surficial material:

Infiltration characteristics:

Coefficient:

Trans. Coefficient:

Coefficient:

Permeability:

Spec. cap.:

Number of geologic cards:

Casing: 4" + 85' (in lime rock)

Open Hole: 85-143

Perf Pipe: -143-206

Surface 5d. to clay: 0-35 ft

Gray silt, shale, rock: 35-85

Lime rock: 85-162

Caprock over water: 166-206
CHICKASAW
MISSISSIPPI BOARD OF WATER COMMISSIONERS

K44
12-10-70

WATER WELL DRILLERS LOG

Date: 12-10, 1970, Driller: R. B. Ashley
County: Christian

<table>
<thead>
<tr>
<th>(1) Owner of Land:</th>
<th>Description &amp; Color of Materials</th>
<th>Thickness</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. William Lancaster</td>
<td>Surface level 5 clay 5.</td>
<td>55</td>
<td>55</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(2) Location: 1/4, 1/4, Sec. 20 W1/4 R38</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 miles South of Houston</td>
</tr>
<tr>
<td>(distance)</td>
</tr>
<tr>
<td>(direction)</td>
</tr>
<tr>
<td>(Nearest Town)</td>
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<tr>
<td></td>
</tr>
</tbody>
</table>

| (3) Topography: X                        |
| (Hilly) (Flat) (Level)                   |

| (4) Purpose of Well: New Home            |
| (Domestic Irrigation) Municipal, Industrial, Other |

Information upon completion of well:

| (1) Diameter 4 inches.                  |
| (2) Total Depth 206' 2 feet.           |
| (3) Water level 69 feet below top of ground. |
| (4) Cased to 85' 6', Size 4"           |
| (5) Screen: Size 4", Length 63'        |
| (6) Were any formations sealed against pollution? |

[Yes, No] Yes

If YES depth of formation 40'

Why Mineral Water permeable

Driller's Remarks: Did not drive

Through Water Learning one

Within 2' of depth there

is about 60% with about 6' gray clay 20' down in sand

(Use back side)

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.