

loc. quest. - no sketch

M 34

FORM 9-1642 (1-68)

Well No.

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J. E. Source of data BOW C Date 8/70 Map Treblac

State 28 County Chickasaw Sequential number 1

Latitude: 33 48 45 N Longitude: 08 84 63 6

Lat-long accuracy: 3 T. 14 R. 5 S. Sec. 33 t. JW t. SE

Local well number: M034CD3374505E Other number: \_\_\_\_\_

Local use: 021 Owner or name: \_\_\_\_\_

Owner or name: W R RANDALL Address: Provic, AL

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist \_\_\_\_\_

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, WATER: \_\_\_\_\_

Use of (S) (T) (U) (V) (W) (X) (Y) (Z) Stock, Inatit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other \_\_\_\_\_

Use of (A) (D) (G) (H) (I) (P) (R) (T) (U) (W) (X) (Z) well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. \_\_\_\_\_

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char. \_\_\_\_\_

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory: yes  no  period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: \_\_\_\_\_

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 600 ft Meas. rept. accuracy \_\_\_\_\_

Depth cased; (first perf.) 22 ft Casing type: \_\_\_\_\_; Diam. in 5

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, horiz. open perf., screen, sd. pt., shored, open hole, other \_\_\_\_\_

Method (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) Drilled: air bored, cable, dug, hyd jetted, air rot., percussion, rotary, reverse trenching, driven, drive wash, other \_\_\_\_\_

Date Drilled: 970 Pump intake setting: \_\_\_\_\_ ft

Driller: \_\_\_\_\_ name (L) (M) (N) (P) (R) (S) (T) (Z) address \_\_\_\_\_

Lift (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (Z) (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other \_\_\_\_\_ Deep \_\_\_\_\_ Shallow \_\_\_\_\_

Power (type): diesel, elec nat gas, gasoline, hand, gas, wind; H.P. 1/2 LP \_\_\_\_\_ Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 285 Accuracy: (source) \_\_\_\_\_

Water Level 120 ft above \_\_\_\_\_ ft below MP; Ft above \_\_\_\_\_ ft below LSD Accuracy: \_\_\_\_\_

Date meas: 670 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

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Well No. M 34

Latitude-longitude N  
S

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: 03 Section: \_\_\_\_\_

**Drainage Basin:** D **Subbasin:** 13E

**Topo of well site:** (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (K) (L) \_\_\_\_\_  
 (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_

**MAJOR AQUIFER:** \_\_\_\_\_ **system** \_\_\_\_\_ **series** K3 **aquifer, formation, group** EU

**Lithology:** \_\_\_\_\_ **Origin:** 5 **Aquifer Thickness:** 140 ft

**Length of well open to:** \_\_\_\_\_ ft 140 **Depth to top of:** \_\_\_\_\_ ft 460

**MINOR AQUIFER:** \_\_\_\_\_ **system** \_\_\_\_\_ **series** \_\_\_\_\_ **aquifer, formation, group** \_\_\_\_\_

**Lithology:** \_\_\_\_\_ **Origin:** \_\_\_\_\_ **Aquifer Thickness:** \_\_\_\_\_ ft

**Length of well open to:** \_\_\_\_\_ ft \_\_\_\_\_ **Depth to top of:** \_\_\_\_\_ ft \_\_\_\_\_

**Intervals Screened:** Open well

**Depth to consolidated rock:** \_\_\_\_\_ ft \_\_\_\_\_ **Source of data:** \_\_\_\_\_

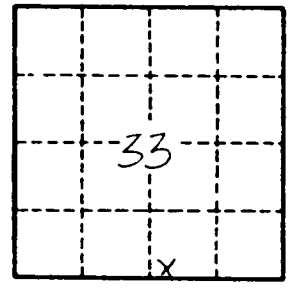
**Depth to basement:** \_\_\_\_\_ ft \_\_\_\_\_ **Source of data:** \_\_\_\_\_

**Surficial material:** \_\_\_\_\_ **Infiltration characteristics:** \_\_\_\_\_

**Coefficient Trans:** \_\_\_\_\_ **gpd/ft** \_\_\_\_\_ **Coefficient Storage:** \_\_\_\_\_

**Coefficient Perm:** \_\_\_\_\_ **gpd/ft<sup>2</sup>** \_\_\_\_\_ **Spec cap:** \_\_\_\_\_ **gpa/ft; Number of geologic cards:** \_\_\_\_\_

Surface clay 0-18 ft  
 Blue clay 18-460  
 Sand 460-600  
 Bottom 600



Well No.

M 34

Chickasaw  
 M34  
 6-23-70

MISSISSIPPI  
 BOARD OF WATER COMMISSIONERS  
 416 North State Street  
 Jackson, Mississippi 39201

**CODED**

WATER WELL DRILLERS LOG

6-23 1970 Herndon-Homan Well & Supply, Chickasaw  
 date well completed firm name 50X 42 county well located  
 SHANNON, MISSISSIPPI 39080

| LANDOWNER: <u>Walter R. Kendall</u>              | description of formations encountered | from       | to         |
|--|---------------------------------------|------------|------------|
| <u>Route 1</u>                                   | <u>Sandy clay</u>                     | <u>0</u>   | <u>18</u>  |
| <u>Prairie, Miss. 39756</u><br>(mailing address) | <u>Clay</u>                           | <u>18</u>  | <u>460</u> |
|  | <u>Sand</u>                           | <u>460</u> | <u>600</u> |
|  | <u>Bottom</u>                         | <u>600</u> |            |

WELL LOCATION:  
 sec. 33 T. 14 R. 5 E  
2 1/2 miles E of McCoard  
 (distance) (direction) (nearest town)

WELL PURPOSE: home  
 (home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 5"
  - (2) total depth (feet) 600'
  - (3) static water level (feet) 120 below top of ground.
  - (4) casing Steel, 22'  
 (material) (depth)  
5" If telescope see back.  
 (size)
  - (5) screen no,  
 (length) (depth to top)  
 (size) (material)
  - (6) pump 1/2, 5  
 (HP) (yield gpm)  
Electric  
 (type power)
  - (7) electric log no  
 (yes or no)  
 (organization running log)
  - (8) how well bottom plugged open

**CODED**

JUL 20 1970

DRILLERS REMARKS:

MISS. BD. OF  
 WATER COM. 11

If well telescopes please sketch and show depths.

GROUND LEVEL

|  |  |   |  |
|--|--|---|--|
|  |  |   |  |
|  |  |   |  |
|  |  |   |  |
|  |  | X |  |

SECTION 33

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.