

WRD Exp. (GW)  
April 1966

Well No. Q11

WELL SCHEDULE

E Log # 28

**PUNCHED**

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

DEC 27 1972

MASTER CARD

Record by C. Jessup Source of data MSGS Date 10-23-67 Map \_\_\_\_\_

State Miss. County (or town) Hentiss Sequential number: 2

Latitude: 34 43 25 N Longitude: 088 29 00 Sequential number: 2

Lat-long accuracy: 7 4 8 0 20 NE NE NW

Local well number: 0011A B 2004508E Other number: \_\_\_\_\_ B & M

Local use: 021028 Owner or name: NEW CANDLER WATER Address: \_\_\_\_\_

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Recharge, (P) Desal-P S, (Q) Desal-other, (R) Other U

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed T

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: \_\_\_\_\_ yes  no

Log data: E Log 2-526 ft. D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 449 ft Meas. rept. accuracy \_\_\_\_\_

Depth cased; (first perf.) 428 ft Casing type: Steel; Diam. in \_\_\_\_\_

Finish: (A) porous concrete, (B) gravel w. (C) gravel w. (D) horiz. (E) open (F) perf., (G) screen, (H) sd. pt., (I) shored, (J) open hole, (K) other \_\_\_\_\_

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse, (G) percussion, (H) trenching, (I) driven, (J) drive wash, (K) other \_\_\_\_\_

Date Drilled: 9-5-67 9-6-67 Pump intake setting: \_\_\_\_\_ ft

Driller: Herndon Home Well Supply name address \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot., (J) submerg, (K) turb., (L) other \_\_\_\_\_ Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 1/2 Trans. or meter no. 7

Descrip. MP OK (11/89) ft above LSD. Alt. MP \_\_\_\_\_

Alt. LSD: 520 520 Accuracy: (source) Tap

Water Level 85 ft above below MP; Fr below LSD 85 Accuracy: \_\_\_\_\_

Date meas: 2-6-7 Yield: 10 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. \_\_\_\_\_

Well No.

Well No. 011

Latitude-longitude \_\_\_\_\_  
d m s N S d m s

HYDROGEOLOGIC CARD

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

7 Drainage Basin: \_\_\_\_\_ Subbasin: 16L

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

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

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: \_\_\_\_\_ ft

2 Length of well open to: \_\_\_\_\_ ft 2 Depth to top of: \_\_\_\_\_ ft 42.5

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: 428-409 2" lead

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

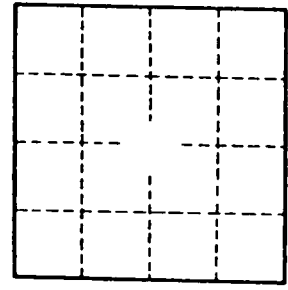
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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

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

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

*4" casing  
428'  
Laminar  
Blind 2"  
2" pipe  
Blind 20'  
527'*



Well No. \_\_\_\_\_

PRENTISS  
 C11  
 12-67  
 Miss Geo. Surv

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

WATER WELL DRILLERS LOG

date well completed 12/27 1979 Merndon-Homan Well & Supply, Inc. Prentiss  
 firm name Box 42  
 SHANNON, MISSISSIPPI 38881 county well located

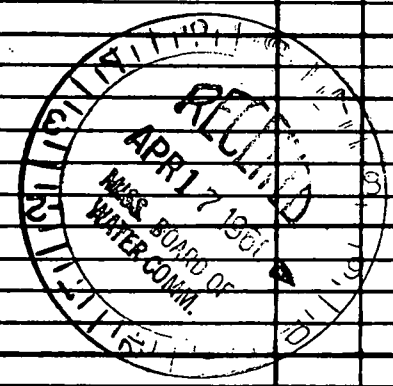
LANDOWNER: Test Well #1	description of formations encountered	from	to
New Canales Water Ass.	Red clay	0	28
Booneville, Miss	Sandy blue clay	28	70
(mailing address)	Sand	70	132
	Sandy blue clay	132	310
	Shale	310	396
	Sand w/ shale streaks	396	428
	GRAVEL	428	450
	Pink sunny clay	450	494
	CLAY	494	500
	ROCKS	500	527
	BOTTEN	527	

WELL LOCATION:  
 sec. 20 T 4 N R 8 E  
 4 1/2 miles NE of Booneville  
 (distance) (direction) (nearest town)

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

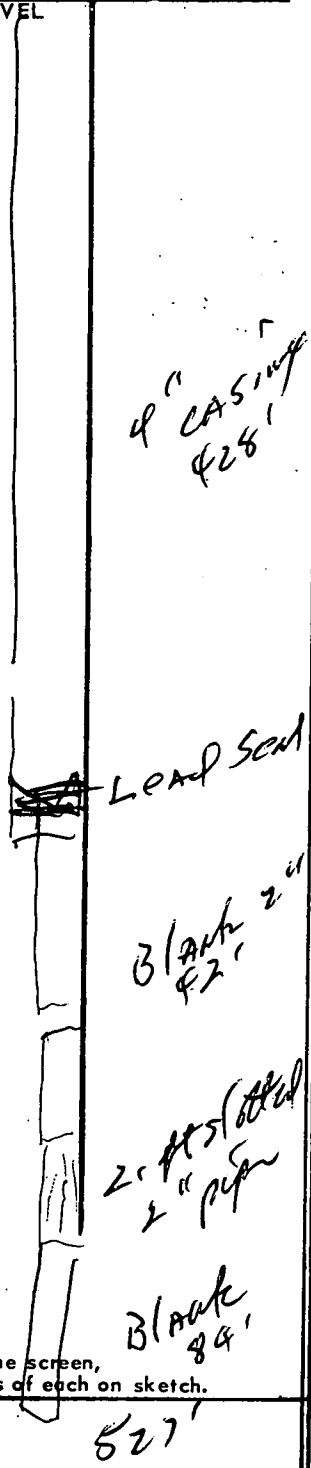
- WELL COMPLETION DATA:
- (1) diameter (inches) 4
  - (2) total depth (feet) 527
  - (3) static water level (feet) 185 below top of ground
  - (4) casing steel 428' (material) (depth)
  - (5) screen 21' (length) 428' (depth to top)
  - (6) pump 1/2 HP (HP) 10 (yield gpm)
  - (7) electric log yes (type power)
  - (8) how well bottom plugged B/W

DRILLERS REMARKS:



If well telescopes please sketch and show depths.

GROUND LEVEL



X			

SECTION 20

Please indicate well location X.

ADDITIONAL INFORMATION

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

# ALTITUDE QUAD

