WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

MASTER CARD

Record by: V. J. Callahan  Source: Miss. Oil & Gas Commission  Date: 5-26-69

State: MS  County: Jasper  Serial No: 13

Latitude: 32° 8' 13.8"  Longitude: 89° 5' 19.4"

Local well number: 003  Owner or name: H. W. Merrick

Owner or name: Address: Nickery, Miss

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:

Stock, Inset, Unused, Recharge, Recharge, Desal, Desal-other, Other

Use of: (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (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: typ:

Freq. sampling:  Pumpage inventory:  period:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 136 ft  Meas. dept:  94 ft

Depth cased: 126 ft  Casting type:

(C) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

Finish: concrete, perforated, screened, open, slotted, bored, bored

Method: (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

Drilled: air, hyd, jetted, air reverse trenching, driven, drive wash, other

Date: 9-26-69  Pump intake setting:

Driller: U. J. Welch  Miss

Lift (type): (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

Power (type): electric, gas, gasoline, hand, gas, wind, H.P.

Descrip. HP: Trans. or meter no:

Accl. LSD: ft below LSD, Alt. MP

Water level: 32 ft above MP, Ft below LSD

Date: 9-26-69

Drawdown: 10 ft

Yield: 50 gpm

Pumping period: 35 hrs

QUALITY OF WATER DATA:

Iron ppm 96  Accuracy:  0.2

Sulfate ppm 26  Accuracy:  0.2

Chloride ppm 26  Accuracy:  0.2

Hard. ppm 26  Accuracy:  0.2

Sp. Conduct. 180 x 10-6  Temp. °F 74

Taste, color, etc.
Well No. D9

Latitude-longitude: 32°13.03' N 88°58.40' W

Hydrogeologic Card

Physiographic Province: 03

Drainage Basin: 13P

Subbasin: 3

Type: depression, stream channel, dunes, flat, hilltop, sink, swamp

Well Site: offshore, pediment, hillside, terrace, undulating, valley flat

Major Aquifer: Eocene, Sparta Sand

Lithology: Sand

Length of well open to: 10 ft

Depth to top of: 126-136 ft

Minor Aquifer: 2" screen, 60 gauge

Lithology: Sand

Length of well open to: 88 ft

Depth to top of: 126-136 ft

Source of data: 64

Infiltration characteristics: 66

Coefficient of transmissivity: gpd/ft²

Coefficient of storage: 71

Perm: gpd/ft²; Spec cap: gpd/ft²; Number of geologic cards: 70

Fellowship Church:

Red Clay 0-32
Sandy Clay 32-53
Brown Sand 53-75
Sand 75-136

GPO 857-700