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

MASTER CARD
Record by: P. E. Grantham
Source of data: DLK
Date: 1/176

City: Pontotoc
County: Pontotoc
State: Mississippi
Latitude: 34° 15' 31" N
Longitude: 89° 4' 53" W
Sequential number: 1

Local use number: C-18
Owner or name: Pontotoc
Address:

Ownership: County, Fed Govt., City, Corp or Co, Private, State Agency, Water Disc
(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) Water Disc

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

DATA AVAILABLE:
Well data:
Freq. W/M meas.:
Field water char.

Hyd. lab. data:
Qual. water data:
type:
Freq. sampling:
Pumping inventory:
period:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD
SAME AS ON MASTER CARD
Depth well:
Casing type:
Diam. 12X8 in

Finish:
Method:
Drilled:
Date:

Driller:
Lift:
Power:

Descrip. HP:
Alt. ISO:
Level:
Date:
Drawdown:
QUALITY OF WATER DATA:
Sp. Conduct:
Taste, color, etc.

C36
HYDROGEOLOGIC CARD

Well No. C36

Latitude-longitude

DRAINAGE BASIN

Physiographic Province: 0.3

Drainage Basin: 1 5 5

Section: F

Subbasin: 0

Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp, well site:

offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER:

Aquifer system: K-3

Aquifer formation, group: S

Aquifer origin: 3

Aquifer thickness: 160 ft

Length of well open to:

ft 8 0

Depth to top of:

ft 11 0 8

MINOR AQUIFER:

Aquifer system: 

Aquifer formation, group: 

Aquifer origin: 

Aquifer thickness: 

Length of well open to:

ft 

Depth to:

ft 

Intervals Screened:

1 6 0 (8 sec. 0.30-0.44) between 1100 1260 1168 1168 1080 - Euho 1260 0.46 - Gord

Depth to consolidated rock:

ft 

Source of data:

ft 

Source of data:

Surficial material:

8 0

Infiltration characteristics:

8 2

Coefficient Trans. spd/ft

5 6 2

Coefficient Storage

Number of geologic cards:

350 spd/ft²; Spec cap: 1.5 gpm/ft; 3 80

1100 - 1260 underscreened 32" hole

3/3/72 Well pumps 450 gpm at a little fine 6k sand. A cord to Sam Todd, City records say well 1260' with 108' of 12" + 80' screen.
| LANDOWNER: | Pontotoc |
| LAKE: | Pontotoc |
| Mailing address: | Pontotoc, MS 38863 |
| WELL LOCATION: | sec. 33 T. 9 N, R. 3 E |
| Town: | Pontotoc |
| (nearest town): | Pontotoc |
| WELL PURPOSE: | Municipal |
| (home, irrigation, municipal, industrial): | Municipal |

**WELL COMPLETION DATA:**

1. Diameter (inches): 12 x 8
2. Total depth (feet): 1108
3. Static water level (feet) below top of ground: 336
4. Casing (material): BLT, 1118 ft. deep
   - Size: 12″ if telescope see back
   - Screen (length): 8′, 1108 ft. deep
   - Type: Piled
5. Pump: 125 HP, 500 yield gpm
6. Type power: Electric
7. Electric log: Yes
8. Organization running log: S. S. Plut

**_FORMATIONS ENCOUNTERED:**

- Red Clay: 0′-5′
- Hard Clay: 5′-58′
- Sand: 58′-106′
- Clay: 106′-182′
- Sandy Clay: 182′-226′
- Sand: 226′-336′
- Hard Clay: 336′-520′
- Hard, White Rock: 520′-950′

**DEPT.:** 1968

**REMARKS:**

**COUNTY:** Pontotoc

**LOG #:** 24
If well telescopes please sketch and show depths.

GROUND LEVEL

Please indicate well location X.

Additional Information

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