

HYDROGEOLOGIC CARD

0100019

WATER CARD Physiographic Province: _____ Section: 03
 Drainage Basin: D Subbasin: 13E

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

MAJOR AQUIFER: _____ system _____ series K3 aquifer, formation, group G10

Lithology: _____ Origin: Z Aquifer Thickness: 75 ft
 Length of well open to: 75 ft Depth to top of: 335 ft

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: _____

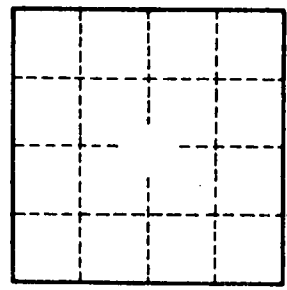
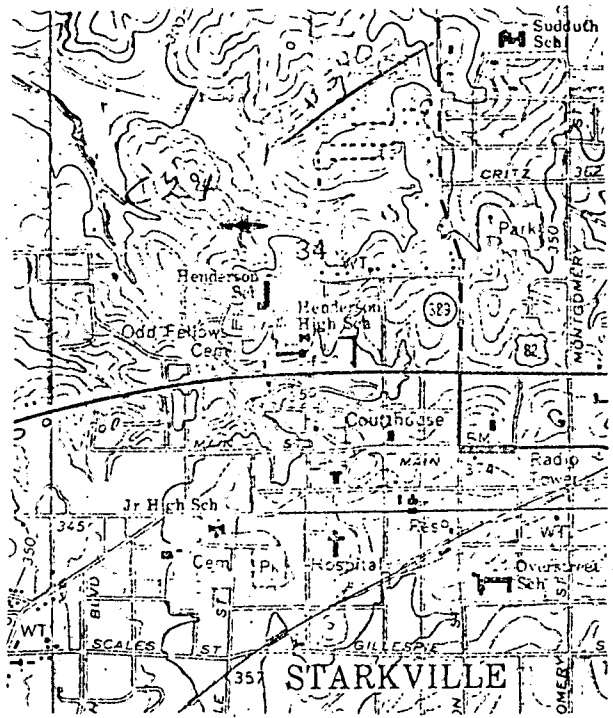
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____



Well No.

FILE COPY



OKTIBBEAUA

C 24

Elog # 59

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

CODED

WATER WELL DRILLERS LOG

2-19

date well completed

1923

Jones-Layne Central Div. Oktibbeha

firm name

county well located

LANDOWNER:

City of Starkville
Starkville, Miss
(mailing address)

description of formations encountered

from to

WELL LOCATION:

sec. 34 T. 19 N. R. 14 E

_____ miles _____ of _____
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

- (1) diameter (inches) 16"
- (2) total depth (feet) 1415'
- (3) static water level (feet) 158' below top of ground.
- (4) casing Steel, 1316'
(material) (depth)
16 If telescope see back.
(size) or 77' of 10'
- (5) screen 70', 1339'
(length) (depth to top)
10", Stainless Steel
(size) (material)
- (6) pump 200, 1000
(HP) (yield gpm)
Electric
(type power)
- (7) electric log yes
(yes or no)
Miss. Geo. Survey
(organization running log)
- (8) how well bottom plugged Valve

description of formations encountered	from	to
<i>Yellow Clay</i>	<i>0</i>	<i>4</i>
<i>Blue Limestone</i>	<i>4</i>	<i>438</i>
<i>Hard Limestone</i>	<i>438</i>	<i>552</i>
<i>Rock</i>	<i>552</i>	<i>554</i>
<i>Hard Limestone</i>	<i>554</i>	<i>664</i>
<i>Hard Rock</i>	<i>664</i>	<i>670</i>
<i>Sandy Shale</i>	<i>670</i>	<i>710</i>
<i>Hard Rock</i>	<i>710</i>	<i>713</i>
<i>Sandy Shale + Hard Rock</i>	<i>713</i>	<i>777</i>
<i>Hard Limestone</i>	<i>777</i>	<i>780</i>
<i>Sand</i>	<i>780</i>	<i>837</i>
<i>Hard Limestone + Soft Shale</i>	<i>837</i>	<i>971</i>
<i>Hard Rock</i>	<i>971</i>	<i>973</i>
<i>Limestone + Soft Shale</i>	<i>973</i>	<i>1042</i>
<i>Hard Limestone</i>	<i>1042</i>	<i>1089</i>
<i>Sand</i>	<i>1089</i>	<i>1102</i>
<i>Hard Shale + Sand Breaks</i>	<i>1102</i>	<i>1164</i>
<i>Sand</i>	<i>1164</i>	<i>1170</i>
<i>Shale Breaks</i>	<i>1170</i>	<i>1176</i>
<i>Sand</i>	<i>1176</i>	<i>1183</i>
<i>Shale</i>	<i>1183</i>	<i>1185</i>
<i>Sand</i>	<i>1185</i>	<i>1283</i>
<i>Hard Shale</i>	<i>1283</i>	<i>1290</i>
<i>Sand + Shale Breaks</i>	<i>1290</i>	<i>1318</i>
<i>Hard Limestone</i>	<i>1318</i>	<i>1332</i>
<i>Sand + Gravel</i>	<i>1332</i>	<i>1352</i>
<i>Sand + Gravel</i>	<i>1352</i>	<i>1375</i>
<i>Limestone Breaks</i>	<i>1375</i>	<i>1377</i>
<i>Sand + Gravel</i>	<i>1377</i>	<i>1415</i>
<i>Sand + Hard Shale</i>	<i>1415</i>	<i>1470</i>
<i>Hard Limestone + Soft Breaks</i>	<i>1470</i>	<i>1531</i>

DRILLERS REMARKS:

MAD 7 10/23



Starkville Quad

STARKVILLE

Radio Tower (VSSO)

Babe Ruth Park

Henderson Sch

Henderson High Sch

Odd Fellows Ctry

Courthouse

Jr High Sch

Hospital

Overstreet Sch

CENTRAL

Sewage Disposal

unt Peiler Oh

Beacon