

1/81 WTD 530020-25

GW-1339

TAD/1/84



1/81 WTD

Recorded by BRR

U.S. GEOLOGICAL SURVEY

Well No. G 39 *perennial*

Date 6/27/83

WATER RESOURCES DIVISION

E-Log No. 79

MISSISSIPPI DISTRICT

County OKTIBOCHA

WELL RECORD

QUAD - STARKVILLE

Montgomery Well

154-B

Site ID 3.3.2.6.3.3.0.8.8.4.8.3.8.0.2 R=0* T=A* 2=W*

GEN. SITE DATA

Data reliab. 3=C* Report. agency 4-USGS* Dist. 6=28* 7=28* Co. 8=1.0.5*

Lat. 9=3.3.2.6.3.3* 10=0.8.8.4.8.3.8* Well No. 12=6.0.3.9*

Location 13 NENE SENE S. 1.0 T. 1.8 N. R. 1.4 E* Alt. 16=35.0* *OK 5/92*

Hyd. Unit (OWDC) 20= Date 21=0.6.1.0.7.1.1.9.8.3*

Well use 23=W* Water Use 24=P* Hole depth 27=15.0.0.* Well depth 28=14.4.1.*

WL 30=1.9.5.* Date 31=1.1.1.5.1.1.9.8.3* Source 33=D*

Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159#1.1.1.5.1.1.9.8.3* Owner No. _____

Owner 161# STARKVILLE

FIELD OW

R=192* T=A* Date 193# Temp. 196#00010* 197=

R=192* T=A* Date 193# Cond. 196#00095* 197=

R=192* T=A* Date 193# pH 196#00400* 197=

CONSTR.

R=58* T=A* 59# 1* Date 60=1.1.1.5.1.1.9.8.3* Remarks _____

Drlg. 63=3.3.0* Name HERNDIN WELL SUPPLY Method 65=H* Finish 66=G*

CASING

R=76* T=A* 59# 1* Top csgn. 77# 0.* Bot. csgn. 78=1.3.6.3.* Diam. 79# 1.6.*

R=76* T=A* 59# 1* Top csgn. 77# 1.2.6.9.* Bot. csgn. 78=1.3.6.0.* Diam. 79# 1.0.*

OPENINGS

R=82* T=A* 59# 1* Top 83# 1.3.6.0.* Bottom 84=1.4.4.1.*

Type 85=S* Diam. 87=1.0.* Size 88=

R=82* T=A* 59# 1* Top 83# Bottom 84=

Type 85= Diam. 87= Size 88=

YIELD

R= 146* T=A* 147# 1* Q 150=1.1.7.0.* Q/S 272=

134 flows 146 pumped

LIFT
 R=42* T= A * Lift type 43# T * Intake 44# * Power type 45= 'E' *
 Date 38- 11/15/1983 * H.P. 46= 200. * *

LOGS
 R=198* T= A * Log 199# 'E' * Top 200= 20. * Bot 201= 1500. *
 R=198* T= A * Log 199# 'D' * Top 200= 0. * Bot 201= 1500. *
 R=189* T= A * E Log No. 190# 0.79 * 191= M I S S D I S T * *

ANAL.
 R=114* T= A * Year 115# * 117# * 120# *

AQUIFERS
 R=90* T= A * 256# 1 * Top 91= 1345. * Bot 92= 1440. *
 Unit ID 93= 21160RD * Name of Unit
 R=90* T= A * 256# 1 * Top 91= * Bot 92= *
 Unit ID 93= * Name of Unit

HYDRAULICS
 R=98* T= A * 99# 1 * Unit tested 100= * 103= *
 R=105* T= A * 99# 1 * Test No. 106# *
 107= * Transmissivity (gal/d)/ft
 108= * Hydraul. cond. (gal/d)/ft²
 110= * Storage coeff. Boundaries

R=121* T= * Yr Begin 122# * Network 258# * *

Water Level Data Collection (1)

7-3-91 11-3-91
 Hld 220 229
 Cat 4.64 10
 MP 2.25 2.25
 WL 213.11 212.75

| description of formations encountered | from to | |
|---------------------------------------|---------|------|
| | | |
| Black Clay | | |
| Limestone | 0 | 18 |
| Rock | 18 | 735 |
| Limestone | | 735 |
| Rock | 735 | 810 |
| Limestone | | 810 |
| Sand | 810 | 850 |
| Limestone | 850 | 870 |
| Rock | 870 | 880 |
| Sand & Limestone Streaks | | 880 |
| Rock | 880 | 1025 |
| Sand & Limestone Streaks | | 1025 |
| Blue Clay | 1025 | 1035 |
| Sand & Limestone Streaks | 1035 | 1110 |
| Blue Clay w/Streaked Sand | 1110 | 1180 |
| Pink Gumbo | 1180 | 1275 |
| Sand & Clay Streaks | 1275 | 1290 |
| Pink Gumbo | 1290 | 1320 |
| Sand | 1320 | 1345 |
| Pink Gumbo & Sand Streak | 1345 | 1440 |
| | 1440 | 1500 |

Academy
 [Handwritten notes and diagrams]

OKTIBBEHA
G39
Log # 79 12/83

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

WATER WELL DRILLERS LOG

CODED

November 1983 Herndon Well & Supply, Inc. Oktibbeha
 date well completed firm name county well located

| LANDOWNER: City of Starkville | description of formations encountered | from | to |
|---|---------------------------------------|------|------|
| Starkville, MS 39759 | | | |
| (mailing address) | Black Clay | 0 | 18 |
| WELL LOCATION: | Limestone | 18 | 735 |
| sec. 10 T 18 N R 14 E | Rock | | 735 |
| Inside city limits | Limestone | 735 | 810 |
| (distance) miles (direction) of (nearest town) | Rock | | 810 |
| WELL PURPOSE: Municipal | Limestone | 810 | 850 |
| (home, irrigation, municipal, industrial) | Sand | 850 | 870 |
| WELL COMPLETION DATA: | Limestone | 870 | 880 |
| (1) diameter (inches) 16" x 10" | Rock | | 880 |
| (2) total depth (feet) 1441' | Sand & Limestone Streaks | 880 | 1025 |
| (3) static water level (feet) 195' below top of ground. | Rock | | 1025 |
| (4) casing Steel 1363' (material), (depth) | Sand & Limestone Streaks | 1025 | 1035 |
| 16" (size) if telescope see back. | Blue Clay | 1035 | 1110 |
| (5) screen 81' 1360' (length), (depth to top) | Sand & Limestone Streaks | 1110 | 1180 |
| 10" SS Ribbed (size), (material) | Blue Clay w/Streaked Sand | 1180 | 1275 |
| (6) pump 200 (HP), 1170 (yield gpm) | Pink Gumbo | 1275 | 1290 |
| electric (type power) | Sand & Clay Streaks | 1290 | 1320 |
| (7) electric log yes (yes or no) | Pink Gumbo | 1320 | 1345 |
| Bureau of Geology (organization running log) | Sand | 1345 | 1440 |
| (8) how well bottom plugged 10" BWV | Pink Gumbo & Sand Streak | 1440 | 1500 |
| DRILLERS REMARKS: | | | |

DEPT. OF NATURAL RESOURCES
 BUREAU OF LAND & WATER RESOURCES

DEC 21 1983

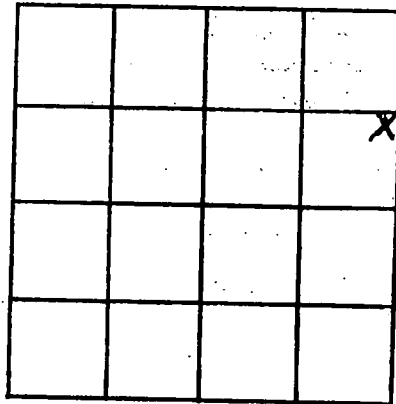
RECEIVED

(A)

If well telescopes please sketch and show depths.

OKLEBETH

GROUND LEVEL



SECTION 10

Please indicate well location X.

ADDITIONAL INFORMATION

Bottom of 16" casing 1363'

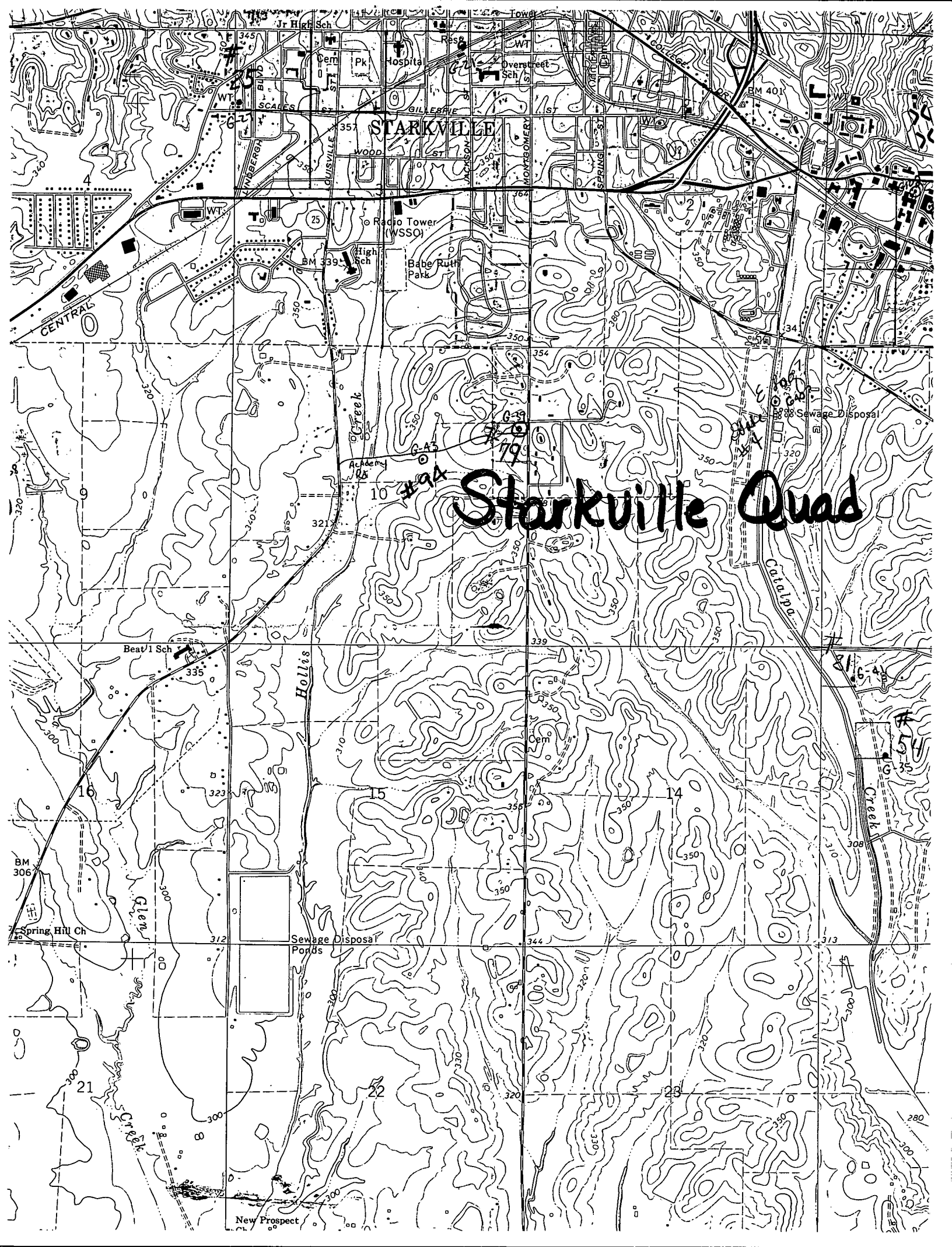
Top of LAP 1269'

Top of Screen 10" 1360'

24" Underream

Bottom Screen 1441'

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



STARKVILLE

Starkville Quad

