

GW-832

TRANSMITTED FOR ADP

1/81 WTO

Recorded by BRR

Date 6/29/83

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Well No. 940 *permitted*

E-Log No. 80

County OKTIBBEHA

QUAD- STARKVILLE
154-B

Site ID 332644088474001 R=0* T=A* 2=W*
5 19

GEN. SITE DATA

Data reliab. 3=C*^CU Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=105*

Lat. Long. 9=332644* 10=0884740* Well No. 12=6040*

Location 13=NE NW NE NE S 1 1 T 1 8 M R 1 4 E* Alt. 16=350.* 340

Hyd. Unit (OWDC) 20= Date 21=05/05/1983*

Well use 23=W* Water Use 24=P* Hole depth 27=1566.* Well depth 28=1420.*

WL 30=87.* Date 31=09/28/1983* Source 33=D*

Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159#12/25/1983* Owner No.

Owner 161#MISS. STATE UNIV*

FIELD CW

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#09/28/1983* pH 196#00400* 197=7.3*

CONSTR.

R=58* T=A* 59#1* Date 60=12/25/1983* Remarks

Drlg. 63=184* Name GRINER Method 65=14* Finish 66=6*

CASING

R=76* T=A* 59#1* Top csgn. 77#0.* Bot. csgn. 78=1317.* Diam. 79#16.*

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

OPENINGS

R=82* T=A* 59#1* Top 83#1350.* Bottom 84=1420.*

Type 85=S* Diam. 87=10.* Size 88=.018*

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

Type 85= Diam. 87= Size 88=

YIELD

R=146* T=A* 147# 1* Q 150 200.* Q/S 272=1.9*

134 flows 146 pumped

LIFT
 R=42* T= A * Lift type 43# T* Intake 44= * Power type 45= E*
 Date 38= 12/25/1983* H.P. 46= 200.0*

LOGS
 R=198* T= A * Log 199# E* Top 200= 32.0* Bot 201= 156.6*
 R=198* T= A * Log 199# D* Top 200= 0.0* Bot 201= 155.3*
 R=189* T= A * E Log No. 190# 8.0* 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= 1350.0* Bot 92= 1420.0*
 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)

Fe = 0.35

9-4-91
 couldn't locate
 ran out of time.

| description of formations encountered | from | to |
|---------------------------------------|------|------|
| HARD CHALK & ROCKS | 0 | 660 |
| SAND | 660 | 675 |
| CLAY STRAINS, SAND & ROCK | 675 | 768 |
| SAND | 768 | 799 |
| CLAY, HARD | 799 | 805 |
| SAND | 805 | 821 |
| CLAY, HARD | 821 | 869 |
| CLAY, HARD SAND & ROCKS | 869 | 923 |
| CLAY, hard & rock | 923 | 1111 |
| SAND, CLAY & rock | 1111 | 1143 |
| CLAY, hard | 1143 | 1169 |
| SAND | 1169 | 1189 |
| SAND | 1189 | 1221 |
| CLAY, hard | 1221 | 1231 |
| CLAY, SAND & rock | 1231 | 1330 |
| SAND, medium | 1330 | 1400 |
| CLAY, hard & red & rock | 1400 | 1506 |
| SAND | 1506 | 1521 |
| Rock & CLAY, red | 1520 | 1550 |

OKTIBBEHA
 240
 12/83
 Eng 80
 DE.

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
 Bureau of Land and Water Resources
 Southport Mall
 P.O. Box 10631
 Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

CODED

19 83 ARIVER DRILLING CO. OKTIBBEHA
 date well completed firm name county well located

LANDOWNER: MISSISSIPPI STATE UNIVERSITY
 WELL NO. 3
 (mailing address)
 WELL LOCATION: SE 1/4 NW 1/4 NE 1/4
 sec. 11 T. 18 N. R. 14 E.
 (distance) miles (direction) of (nearest town)
 WELL PURPOSE: University
 (home, irrigation, municipal, industrial)

| description of formations encountered | from | to |
|---------------------------------------|------|------|
| HARD CHALK & ROCKS | 0 | 660 |
| SAND | 660 | 695 |
| CLAY STRONG, SANDY | 695 | 768 |
| SAND | 768 | 799 |
| CLAY, HARD | 799 | 805 |
| SAND | 805 | 827 |
| CLAY, HARD | 827 | 862 |
| CLAY, HARD & ROCKS | 862 | 923 |
| CLAY, hard & rock | 923 | 1111 |
| SAND, CLAY & rock | 1111 | 1143 |
| CLAY, hard | 1143 | 1169 |
| SAND | 1169 | 1189 |
| SAND | 1189 | 1285 |
| CLAY, hard | 1285 | 1330 |
| CLAY, SAND & rock | 1330 | 1330 |
| SAND, medium | 1330 | 1405 |
| CLAY, hard & red & rock | 1405 | 1506 |
| SAND | 1506 | 1520 |
| Rock & CLAY, red | 1520 | 1553 |

WELL COMPLETION DATA:
 (1) diameter (inches) 16"
 (2) total depth (feet) 1422
 (3) static water level (feet) 189 below top of ground.
 (4) casing Steel 1317
 (material) (depth)
16" If telescope see back.
 (size)
 (5) screen 70 ft. 1350
 (length) (depth to top)
10" 307 S.S. (018)
 (size) (material)
 (6) pump 200 1200
 (HP) (yield gpm)
ELECT.
 (type power)
 (7) electric log YES
 (yes or no)
MISS. GEOL. SURVEY
 (organization running log)
 (8) how well bottom plugged BACK
WASH VALVE

DEPT. OF NATURAL RESOURCES
 BUREAU OF LAND & WATER RESOURCES
 FEB - 1 1984

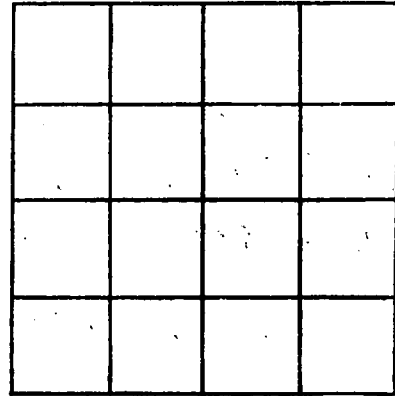
RECEIVED

DRILLERS REMARKS:

⑦

If well telescopes please sketch and show depths.

GROUND LEVEL

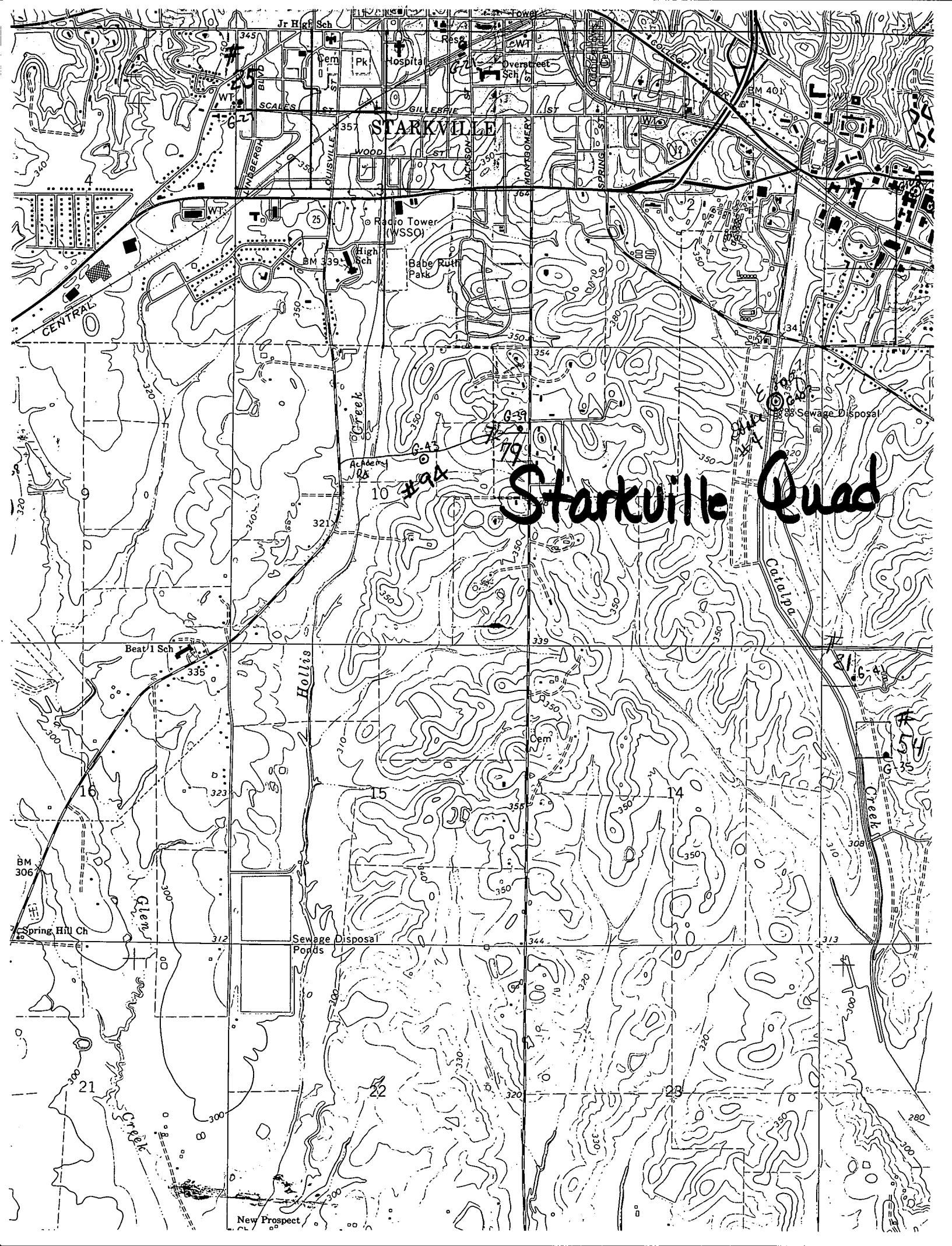


SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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



STARKVILLE

Starkville Quad

Hollis Creek

Catalpa Creek

Catalpa Creek

Sewage Disposal Ponds

Sewage Disposal

Beat 1 Sch

Spring Hill Ch

New Prospect

CENTRAL

STARKVILLE

10 #94

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