

CODED

FORM 9-1642 (1-68)

Well No. G 35 *perennial*

WELL SCHEDULE E-log # 54

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

MASTER CARD

Record by J. E. Shell Source of data Bowc D E-log Date 8-12-70 Map STARKVILLE 154-B

State 5 306 28 County (or town) Oktibbeha 53

Latitude: 33 26 45 N Longitude: 08 47 20 W Sequential number: 1

Lat-long accuracy: 2 T. 18 S, R. 14 W, Sec. 13 SE. NE t. SW t. NW t.

Local well number: G 035 C B 13 18 N 14 E Other number: B & H

Local use: 021054 070 57 Owner or name: MISSISSIPPI STATE UNIV

Owner or name: MISSISSIPPI STATE UNIV Address: Starkville, Ms.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist S

Use of (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other STU

Water: (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other STU

Use of (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. WU

Well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. WU

DATA AVAILABLE: Well data Freq. W/L meas: Field aquifer char: Z

Hyd. lab. data:

Qual. water data; type: 3/72 USGS

Freq. sampling: Pumpage inventory: yes no: period:

Aperture cards:

Log data: DE

Log data: DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: TD 1416 ft 1378 Meas. rept 3

Depth cased: (first perf.) 1293 ft Casing type: 10x6 in; Diam. 10x6 in

Finish: porous concrete, gravel w. concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other S

Method (A) air, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air, (G) reverse, (H) trenching, (I) driven, (J) drive, (K) rot, (L) percussive, (M) rotary, (N) other A

Date Drilled: 970 Pump intake setting: 30 ft

Driller: Hevndon - Homan, Shannon Miss

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other S Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 40 Trans. or meter no.

Descrip. MP Top of pipe 29 5192 1.5 ft below LSD, Alt. MP 310

Alt. LSD: 310 Accuracy: (source) Topo 10' contour

Water Level 132.7 ft above below MP; Ft below LSD 137 Accuracy: A

Date meas: 10/16/70 Yield: 0.70 gpm 4.01 Method determined 4

Drawdown: 0.70 ft Accuracy: 4.01 hrs 1

QUALITY OF WATER DATA: Iron 0.1 ppm Sulfate 2 ppm Chloride 250 ppm Hard. 372 ppm

Sp. Conduct 190 K x 10⁶ Temp. 25.0 °F Date sampled 372

Taste, color, etc. pH 8.2; pH 7.8 3/72

72-91
401D 180
CUT 9.21
MP 1.25
WL 16 9.54

152.4675L

10/28/92

WL = 167.34

9/15/78
WL = 146.25

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. G 35

31515908900901

Well No. G35

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: _____

Drainage Basin: D **Subbasin:** 13E

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group G:Φ

Lithology: _____ Origin: 2 **Aquifer Thickness:** 2 sands ft

Length of well open to: ft 64 **Depth to top of:** 1250 ft A:25

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: 64' of 6" .015 gpm. 1295-1315' and 1336-1376'

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

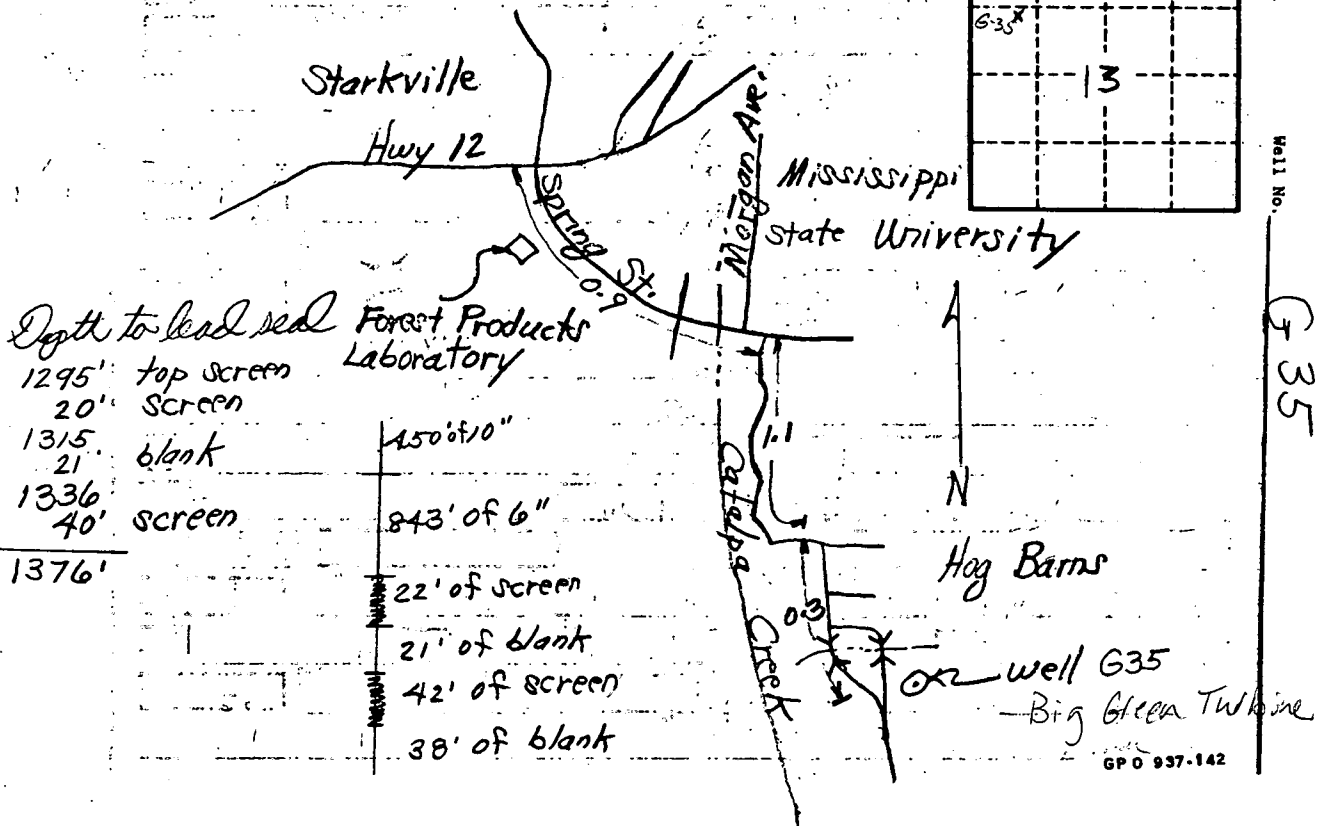
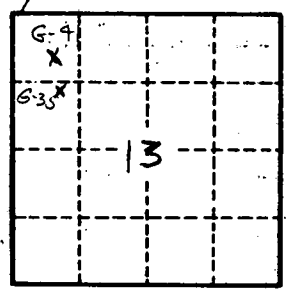
Depth to basement: ft _____ **Source of data:** _____

Surficial material: _____ **Infiltration characteristics:** _____

Coefficient Trans: _____ **Coefficient Storage:** _____

Perm: 320 gpd/ft²; **Spec cap:** 5.7 gpm/ft; **Number of geologic cards:** _____

W.L., USGS, 3/72 = 131' below lsd
 5-10-1973, started using as observation well
 10,000 pressure storage tank



Well No.

G35

OK TIBBEHA
G 35
3-13-71

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

ELOG #54
CODED

WATER WELL DRILLERS LOG
 Herndon-Homan Well & Supply, Inc. *Ok Tibbeha*
 P. O. Box 42
 SHANNON, MISSISSIPPI 38868 county well located

3-13 1971
 date well completed

LANDOWNER: *Agricultural*
Experiment Station, Miss.
State University, State College
 (mailing address) *Miss*

description of formations encountered	from	to
<i>Red Clay</i>	<i>0</i>	<i>18</i>
<i>Blue Clay</i>	<i>18</i>	<i>60</i>
<i>Blue Mat</i>	<i>60</i>	<i>612</i>
<i>Sand (Streaks) Shale</i>	<i>612</i>	<i>785</i>
<i>Gummy Clay</i>	<i>785</i>	<i>1240</i>
<i>Hard Rock</i>	<i>1240</i>	<i>1241</i>
<i>Gummy Clay</i>	<i>1241</i>	<i>1250</i>
<i>Sand</i>	<i>1250</i>	<i>1315</i>
<i>Shale</i>	<i>1315</i>	<i>1323</i>
<i>Sand & Pea Gravel</i>	<i>1323</i>	<i>1416</i>
<i>Bottom</i>	<i>1416</i>	

WELL LOCATION:
 sec. 13 T 18 N R. 14 E
 S W
 miles SE of Starkville
 (distance) (direction) (nearest town)

WELL PURPOSE: *College & Irrigation*
 (home, irrigation, municipal, industrial)

WELL COMPLETION DATA:
 (1) diameter (inches) 10 x 6
 (2) total depth (feet) 1416
 (3) static water level (feet) 133 below above top of ground.
 (4) casing Steel 450'
 (material) (depth)
10" If telescope see back.
 (size) ^{64'}
 (5) screen 60 1293
 (length) (depth to top)
6" Stainless Steel
 (size) (material)
 (6) pump 40 401
 (HP) (yield gpm)
Electric
 (type power)
 (7) electric log Yes
 (yes or no)
 (organization running log)
 (8) how well bottom plugged B/W

CODED

APR 2 1971

DRILLERS REMARKS:
 Well # G 35

MISS. ED. OF
 WATER COMMISSIONERS

(B)

If well telescopes please sketch and show depths.

GROUND LEVEL

450' of 10" casing

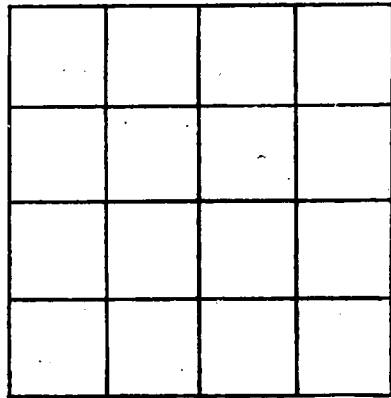
Lead Seal

843' of 6" casing

22' of Screen
21' of Blank
2 1/2' of Screen
38' of Blank

1378

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



SECTION 13

Please indicate well location X.

ADDITIONAL INFORMATION

Bottom of well up	
38' of Blank	bottom 1378
42' of Screen	↓ 1330
21' of Blank	↓ 1315
22' of Screen	↑ 1293
Top of Screen	1293

OK TIBBEHA
G 35
3-13-71

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

E LOG #54
CODED

WATER WELL DRILLERS LOG
Herndon-Homan Well & Supply, Inc. *OK Tibbeha*
P. O. Box 49

3-13 19 *71*
date well completed

SHANNON, MISSISSIPPI 38868 county well located

LANDOWNER:	description of formations encountered	from	to
<i>Agricultural Experiment Station, Miss.</i>	<i>Red Clay</i>	<i>0</i>	<i>18</i>
<i>State University, State College</i>	<i>Blue Shale</i>	<i>18</i>	<i>60</i>
<i>(mailing address) miles</i>	<i>Blue Shale</i>	<i>60</i>	<i>612</i>
	<i>Sand (Strata) Shale</i>	<i>612</i>	<i>785</i>
WELL LOCATION:	<i>Gummy Clay</i>	<i>785</i>	<i>1240</i>
sec. <i>13</i> T. <i>18</i> N. R. <i>14</i> E	<i>Hard Rock</i>	<i>1240</i>	<i>1341</i>
S W	<i>Gummy Clay</i>	<i>1341</i>	<i>1350</i>
miles <i>SE</i> of <i>Starkville</i>	<i>Sand</i>	<i>1350</i>	<i>1315</i>
(distance) (direction) (nearest town)	<i>Shale</i>	<i>1315</i>	<i>1323</i>
WELL PURPOSE: <i>College & Irrigation</i>	<i>Sand & Pea Gravel</i>	<i>1323</i>	<i>1416</i>
(home, irrigation, municipal, industrial)	<i>Bottom</i>	<i>1416</i>	

- WELL COMPLETION DATA:
- (1) diameter (inches) *10 x 6*
 - (2) total depth (feet) *1416*
 - (3) static water level (feet) *133* below above top of ground.
 - (4) casing *Steel* *450'* (material) (depth)
10" (size) if telescope see back.
 - (5) screen *60* *1293* (length) (depth to top)
6" (size) *Stainless Steel* (material)
 - (6) pump *40* *401* (HP) (yield gpm)
Electric (type power)
 - (7) electric log *Yes* (yes or no)
 - (8) how well bottom plugged *B/w*

CODED

APR 12 1971

DRILLERS REMARKS:
Well # G 35

MISS. BD. OF
WATER CL. 3-1

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If well telescopes please sketch and show depths.

GROUND LEVEL

450' of 10" casing

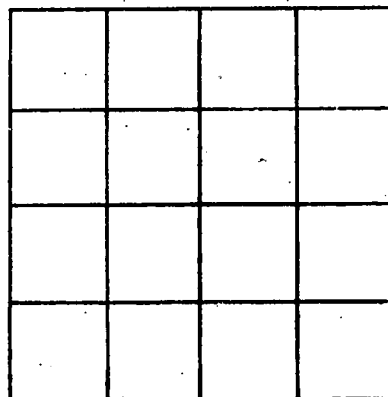
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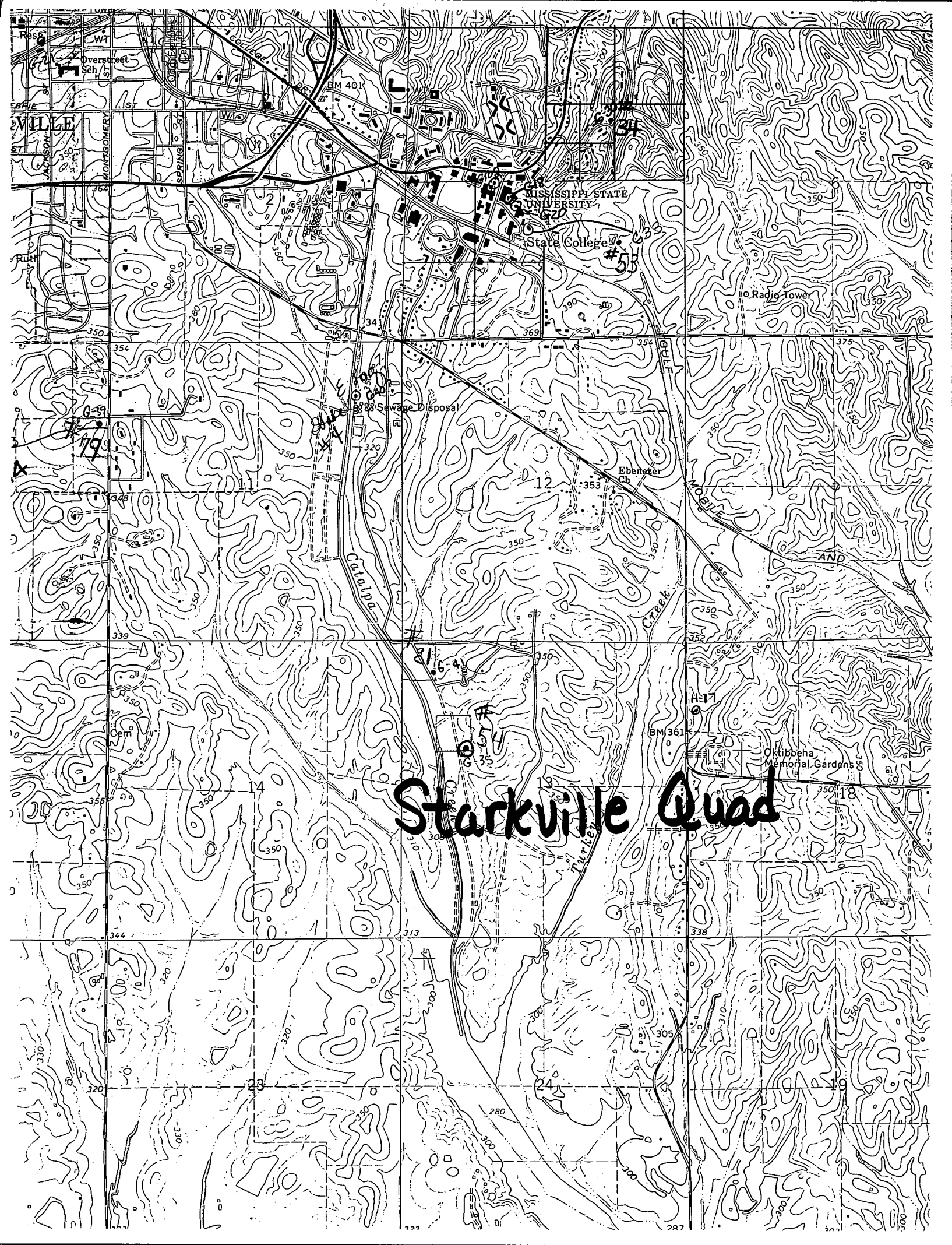


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Bottom of Well up	
38' of Blank	bottom 1378
42' of Screen	↓ 1330
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22' of Screen	top 1293
Top of Screen	1293



Starkville Quad