

WRD Exp. (GW)
April 1966

Well No. D42

FILE COPY

WELL SCHEDULE

E 109 #49

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

FILE COPY

PUNCHED and VERIFIED
ROLLS COMMUNICATION BRANCH

MASTER CARD

Record by P.F. Smith Source of data Dvl. & E Log Date 11-13-68 Map Starkville Quad

State MISSISSIPPI 28 County (or town) Oktibbeha 53

Latitude: 32 28 33 N Longitude: 088 45 15 Sequential number: 1

Lat-long accuracy: 30 T. 19 S. R. 15 W. Sec 32, NE 4, NE 4, NW 4

Local well number: D1042 AB3219 AI15E Other number: B & M

Local use: 021049 Owner or name: Clayton Dillage Wtr. Assoc

Owner or name: CLAYTON VILLAGE Address: _____

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Inatit; Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: USGS 6/77 74

Freq. sampling: 75 Pumpage inventory: 76

Aperture cards: 77

Log data: E Log 808-1208 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1086 Meas. 24 3

Depth cased: (first perf.) 1026 Casing type: well Diam. 5x8 In 29 30

Finish: porous concrete, gravel w. (perf.), (screen), (screen), gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other 31

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air percussion, (P) air reverse, (R) air reverse, (T) air reverse, (V) air reverse, (W) air reverse, (X) air reverse, (Z) air reverse 32

Date Drilled: 11-68 33 35 Pump intake setting: 36 38

Driller: Harold Harmon Dill Co

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other 39 Deep 40

Power (type): diesel, (elec) gas, gasoline, hand, gas, wind, H.P. 25 41 Trans. or meter no. 42

Descrip. MP vent at 2.0' 43 44 ft above below LSD. Alt. MP 45

Alt. LSD: 263 46 47 263 Accuracy: (source) 48 49

Water Level 80 ft above below MP; Ft. below LSD 50 51 Accuracy: 52 53

Date meas: 6-7-77 54 Yield: 250 gpm 55 56 Method determined 57 58

Drawdown: 59 ft 60 Accuracy: 61 62 Pumping period 63 64 hrs 65 66 67 68

QUALITY OF WATER DATA: Iron 69 ppm 70 Sulfate 71 ppm 72 Chloride 73 ppm 74 Hard. 75 76

Sp. Conduct 170 K x 10⁶ 77 Temp. 25.5 °F 78 79 Date sampled 6-7-77 80

Taste, color, etc. D11-7.1

8/10/87
120.00: Hole
1.09 cut
118.91
2.00 MP
716.91
Dany

11/5/78
11/30/82
135
27.50
105.50
2.0
103.50

WELL No. D42

10/1/83
fruit yard

Well No. _____

D42

Latitude-longitude _____
N S
d m s d m s

HYDROGEOLOGIC CARD

19 SAME AS ON MASTER CARD 20 21 Physiographic Province: 03 Section: _____

22 Drainage Basin: D 23 25 13E Subbasin: _____ 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) (E) (F) (H) (K) (L) (Ø) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____ 27

MAJOR AQUIFER: _____ system _____ series K3 _____ aquifer, formation, group GØ _____ 28 29 30 31

Lithology: _____ 32 33 U.S. Origin: _____ 34 2 Aquifer Thickness: 119 ft _____ 35

36 Length of well open to: 119 ft _____ 37 38 60 Depth to top of: 1007 ft _____ 39 40 1001

MINOR AQUIFER: _____ system _____ series _____ _____ aquifer, formation, group _____ 44 45 46 47

Lithology: _____ 48 49 _____ Origin: _____ 50 _____ Aquifer Thickness: _____ ft

51 Length of well open to: _____ ft _____ 52 53 _____ Depth to top of: _____ ft _____ 54 55 56 57 59

Intervals Screened: 5' S.S. _____

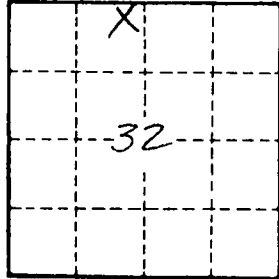
Depth to consolidated rock: _____ ft _____ 60 63 Source of data: _____ 64

Depth to basement: _____ ft _____ 65 68 Source of data: _____ 69

Surficial material: _____ 70 71 Infiltration characteristics: _____ 72

Coefficient Trans: _____ gpd/ft _____ 73 75 Coefficient Storage: _____ 76 78

Perm: _____ gpd/ft; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79



Well No. _____

D42

OKtipcha

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

FILE COPY

WELL NO. 042
MP HEIGHT _____

owner: *Clayton Village*

Site Ident. No. 5 _____ 19 R = 234 I = A *

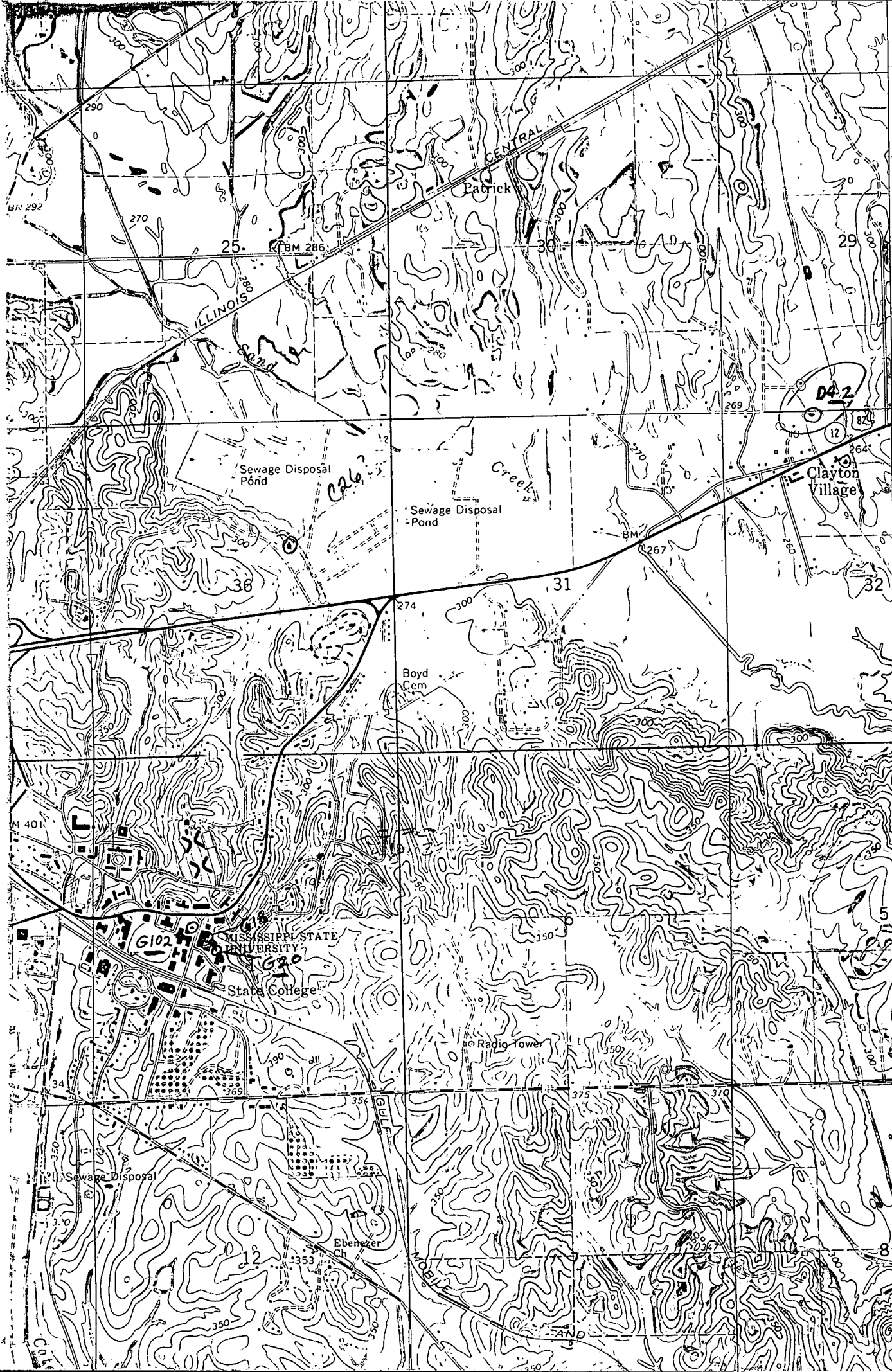
DATE	WATER LEVEL (BELOW LSD)	STATUS	METHOD	HOLD	CUT	DEPTH BELOW MP	REMARKS	DATE PUNCHED	DATE ENTERED
235 # / / 11978 *	237 = 94.80 *	238 = *	239 = *						
235 # 1113011982 *	237 = 103.50 *	238 = *	239 = *						
235 # / / / *	237 = *	238 = *	239 = *						
235 # 081011987 *	237 = 116.91 *	238 = *	239 = *						
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MEASURING POINT
R = 320 *
T = A D M *
add, delete, modify

Method of Measurement
239 = A B C E G H L M N R S T V Z
airline, analog, calibrated, estimated, pressure, calibrated, geophysical, manometer, non-recording, reported, steel, electric, calibrated, other
airline gage pressure gage logs gage tape tape electric tape

M.P. Begin Date 321 # / / / / / *
M.P. End Date 322 # / / / / / *
M.P. Height 323 = *
M.P. Remark 324 = _____ *

Site Status
238 = D E F G H I J N O P R S T V W X Z
dry, recently, flowing, nearby, injector, injector, discor- obstruction, pumping, recently, nearby, nearby, foreign, well, affected by, other
flowing flowing recently flowing or site tinued pumped pumping recently matter destroyed surface
monitor measuring, pumping on water pumping on water water site



3707
1 390 000
FEET

FILE COPY

5 MI. TO MISS. 45W
COLUMBUS 20 MI.

D41

3705

3704

T. 19 N.

T. 18 N.

27' 30"

3703

3702

ARTESIA 1:62 500

3250 1

CODED

OKTIBBEHA
D 42
8-69

**MISSISSIPPI
 BOARD OF WATER COMMISSIONERS**

416 North State Street
 Jackson, Mississippi 39201

ELOG #49

WATER WELL DRILLERS LOG

date well completed 19 69 firm name Handon-Hanson county well located OkTibbeha

LANDOWNER Layton Village
Water Assoc.
Starbuck, Miss
 (mailing address)

WELL LOCATION: D 42
 NE 1/4 sec 32 T 19 N R 15 E
2 miles E of Starbuck
 (distance) (direction) (nearest town)

WELL PURPOSE: COMMUNITY
 (home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

- (1) diameter (inches) 8"
- (2) total depth (feet) 1210'
- (3) static water level (feet) 80 below top of ground
- (4) casing Steel 809
 (material) (depth)
8 If telescope see back.
 (size)
- (5) screen 60' 1026'
 (length) (depth to top)
5" 304 Stainless Steel
 (size) (material)
- (6) pump 25 250
 (HP) (yield gpm)
electric
 (type power)
- (7) electric log yes
 (yes or no)
USGS
 (organization running log)
- (8) how well bottom plugged B/W

description of formations encountered	from	to
Brown clay	0	10
Blue clay	10	480
Shale Rock	480	481
Sand	481	525
Rock	525	576
Sand	576	630
Blue clay	630	670
Hard Rock	670	672
Sand	672	720
Blue clay	720	730
Sand	730	733
Blue clay	733	776
Sand	776	820
Blue clay	820	845
Sand w/ thin gravel	845	853
Blue clay	853	900
Sand	900	960
Blue clay	960	996
Pinkish grey clay	996	1000
Sand	1000	1115
Blue clay	1115	1125
Sand	1125	1205
Clayey clay	1205	1210

AUG 8 1969

MISS. DE. OF
 WATER COMM.

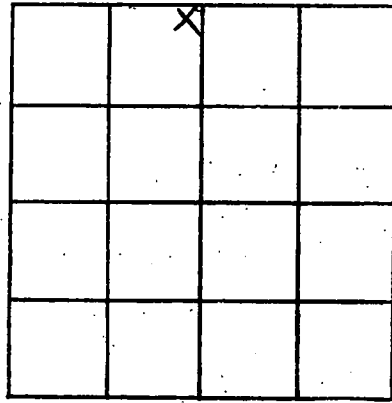
DRILLERS REMARKS:

①

If well telescopes please sketch and show depths.

GROUND LEVEL

D



SECTION 32

Please indicate well location X.

ADDITIONAL INFORMATION

Lead
Sew

509' @
8" CASING

5" Lead Pipe
Above Screen
272'

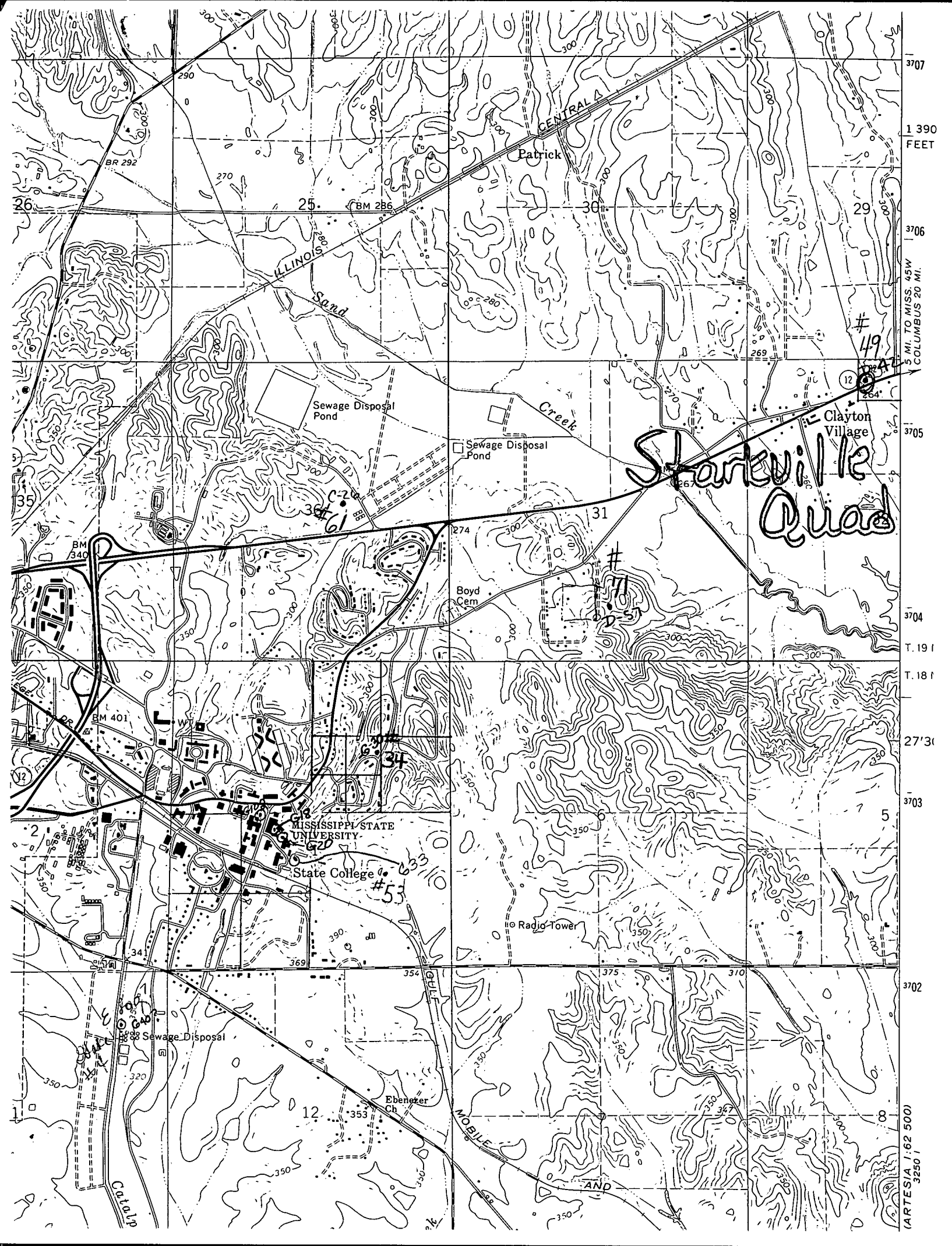
depth to top of screen
1026'

60' @ 5"
SCREEN

B/W

Total: 1210' depth

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



3707
1 390 FEET
3706
5 MI. TO MISS. 45W
COLUMBUS 20 MI.
3705
3704
T. 19 1
T. 18 1
27'31
3703
5
3702
ARTESIA 1:62 500
3250 1

Starkville Quad

BR 292
290
270
26
25
30
29
ILLINOIS
Sand
Sewage Disposal Pond
Creek
Sewage Disposal Pond
Clayton Village
Boyd Cem
MISSISSIPPI STATE UNIVERSITY
State College
Radio Tower
Ebenezer Ch
Cataho
NOBLE
AND
#49
#34
#53
#71
BM 286
BM 340
BM 401
633
634
635
636
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