

WELL SCHEDULE

E. log # 104

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

GW02145

**PUNCHED**  
MAR 18 1974

MASTER CARD

Record by C Jessup Source of data MSG5 Date 2-21-67 Map Whitfield Quad

State Missi County Rankin (or town) 6.1

Latitude: 32° 13' 51" N Longitude: 090° 03' 21" W Sequential number: 7

Lat-long accuracy: 2' T. 5 S. R. 2 W. Sec 36 NE 1/4 SW 1/4 NW/SW/SW/NW

Local well number: K090BC3605N02E Other number: 6 & M

Local use: 064164 Owner or name: Miss. Law Enforcement Officers Training Academy

Owner or name: MISS LAW T ACAD Address:

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Irr, Med, Ind, P S, Rec, (H) Dom

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other T

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

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling:  Pumpage inventory:  yes  no  period:

Aperture cards:  yes

Log data: E log 300-893 ft. Drilled by on log Wides E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 860 ft. 860 Meas. 3

Depth cased: 810 ft. 810 Casing type: Steel; Diam. 10 x 6 in

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

Method: air rot, bored, cable, dug, hyd rot, jetted, air percuss, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 5-28-67 9-6-7 Pump intake setting:  ft.

Driller: Layne Central Co.

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep  Shallow 40

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

Descrip. MP 340 ft above  below LSD, Alt. MP

Alt. LSD: 320' T 320 Accuracy: 5

Water Level: 168 ft above  below LSD 168 Accuracy:

Date meas: 7-6-7 Yield: 350 gpm Method determined

Drawdown:  ft Accuracy:  Pumping period:  hrs

QUALITY OF WATER DATA: Iron  Sulfate  Chloride  Hard.

Sp. Conduct  K x 10<sup>6</sup> Temp:  °F Date sampled

Taste, color, etc.

Well No. K90

Latitude-longitude

N  
S

d m s d m s

HYDROGEOLOGIC CARD

NAME AS ON MASTER CARD

Physiographic Province: \_\_\_\_\_

03

Section: \_\_\_\_\_

D

Drainage Basin: \_\_\_\_\_

137

Subbasin: \_\_\_\_\_

(D) (C) (E) (F) (H) (K) (L)  
of depression, stream channel, dunes, flat, hilltop, sink, swamp,

(P) (S) (T) (U) (V)  
offshore, pediment, hillside, terrace, undulating, valley flat

DR

SYSTEM:

system

series

TE

Whitfield

aquifer, formation, group

C:Ø

THICKNESS:

UIS

Origin: \_\_\_\_\_

2

Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft

50

Depth to top of: \_\_\_\_\_ ft

\_\_\_\_\_ ft

DR

SYSTEM:

system

series

\_\_\_\_\_

aquifer, formation, group

\_\_\_\_\_

THICKNESS:

\_\_\_\_\_

Origin: \_\_\_\_\_

\_\_\_\_\_

Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft

\_\_\_\_\_

Depth to top of: \_\_\_\_\_ ft

\_\_\_\_\_ ft

INTERVALS

used:

810' - 860' 6" SS

Depth to

consolidated rock: \_\_\_\_\_ ft

\_\_\_\_\_

Source of data: \_\_\_\_\_

\_\_\_\_\_

Depth to

cement: \_\_\_\_\_ ft

\_\_\_\_\_

Source of data: \_\_\_\_\_

\_\_\_\_\_

Official

material: \_\_\_\_\_

\_\_\_\_\_

Infiltration characteristics: \_\_\_\_\_

\_\_\_\_\_

Efficient

is: \_\_\_\_\_

gpd/ft

\_\_\_\_\_

Coefficient Storage: \_\_\_\_\_

\_\_\_\_\_

Efficient

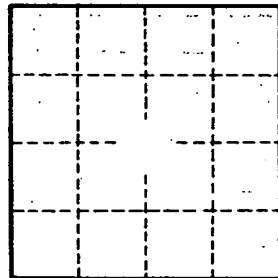
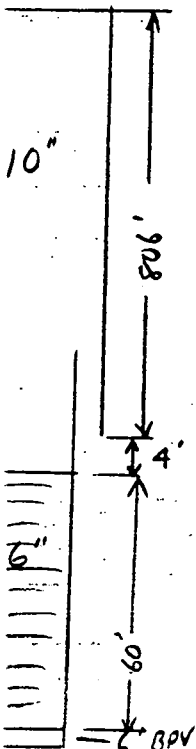
is: \_\_\_\_\_

gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_

gpm/ft; Number of geologic cards: \_\_\_\_\_

\_\_\_\_\_

1 mile SE of Whitfield



Well No. \_\_\_\_\_

K90

**CODED**  
R2C

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

WATER WELL DRILLERS LOG

Rankin  
K90  
5-67  
Elec Log

5-28 date well completed  
1967 Layne Central Co. firm name  
Rankin county well located

LANDOWNER: Law Enforcement  
Officers Training Academy

description of formations encountered

(mailing address)

| description of formations encountered | from | to  |
|---------------------------------------|------|-----|
| Clay                                  | 0    | 27  |
| lime rock (HARD)                      | 27   | 47  |
| lime and fine sand strks.             | 47   | 58  |
| SAND                                  | 58   | 65  |
| Clay and fine sand                    | 65   | 122 |
| Clay                                  | 122  | 136 |
| Rock                                  | 136  | 137 |
| Clay                                  | 137  | 546 |
| FINE SAND and Shale strks             | 546  | 588 |
| Clay                                  | 588  | 598 |
| SAND                                  | 598  | 634 |
| Clay and SAND STREAKS                 | 634  | 762 |
| FINE SAND and strks Shale             | 762  | 768 |
| FINE SAND and Shale strks.            | 768  | 799 |
| " " " "                               | 799  | 809 |
| SAND                                  | 809  | 865 |
| Shale                                 | 865  | 894 |

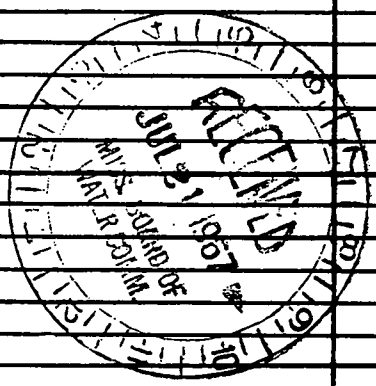
WELL LOCATION: NW SW  
sec. 36 T. 5 S. R. 2 E  
1/4 miles S.E. of Whitfield  
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

- (1) diameter (inches) 10" x 6"
- (2) total depth (feet) 866'
- (3) static water level (feet) 168' below top of ground.
- (4) casing Steel, 806' (material) (depth)  
10" (size) If telescope see back.
- (5) screen 50' length, 810' depth to top  
6" Stainless Steel (size) (material)
- (6) pump 40 (HP) yield gpm  
Electric (type power)
- (7) electric log YES (yes or no)  
Miss Geo. Survey (organization running log)
- (8) how well bottom plugged Slugs

**CODED**



DRILLERS REMARKS:

Department of Environmental Quality  
Office of Land and Water Resources

Ground Water Permit  
General Report

Permit Number: MS-GW-02145

1967 Drilled  
Well capped

County: RANKIN

Owner: MISS. LAW ENFORCEMENT OFFICERS TRAINING ACADEMY

Aquifer: CCKF

USGS No: K0090

BOH No: N/A

Location: SW 1/4 of the NW 1/4 of SEC 36 TWN 05N RNG 02E Lat: 321410 Long: 900317

Quad: WHITFIELD

District: N/A

Date Issued: 25-MAR-86

Date Renewed: 25-DEC-97

Date Expired: 25-MAR-96

Applicant: MISS. LAW ENFORCEMENT OFFICERS  
TRAINING ACADEMY

Owner: MISS. LAW ENFORCEMENT OFFICERS  
TRAINING ACADEMY

Address 1: 5000 HWY 468 EAST 418

Address 1: 5000 HWY 468 EAST

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: PEARL

City: PEARL

State: MS Zip: 39208

State: MS Zip: 39208

Driller: LAYNE CENTRAL

Maximum Rate: 0

Amount Withdrawn Acre feet: 0

Amount Withdrawn Mgd: 0

Use

NOT RENEWED

Casing 40 H.P.

Type: STEEL

Diameter: 10

Length: 806

Screen

Type: STAINLESS STEEL

Diameter: 6

Length: 50

P000959

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S) : RLB

DATE :sept 11-2003

UNIT DEQ # : \_\_\_\_\_

FILE # : \_\_\_\_\_

HEALTH DEPT. no tag on well

ELEVATION :

USGS # : k90

OLWR # :gw-02145

OWNER : ms. Law enforcement off. Training acad.  
:rankin

QUAD  
Whitfield

LOCATION : sw nw S 36 T5n R 2e COUNTY rankin

LOCATION DESCRIPTION : @ in back of training center

CASING DIA : 10 PUMP TYPE & SIZE :TB 40hp

GPS FIELD LOCATION : LAT . 32.23424

LONG. -90.05602

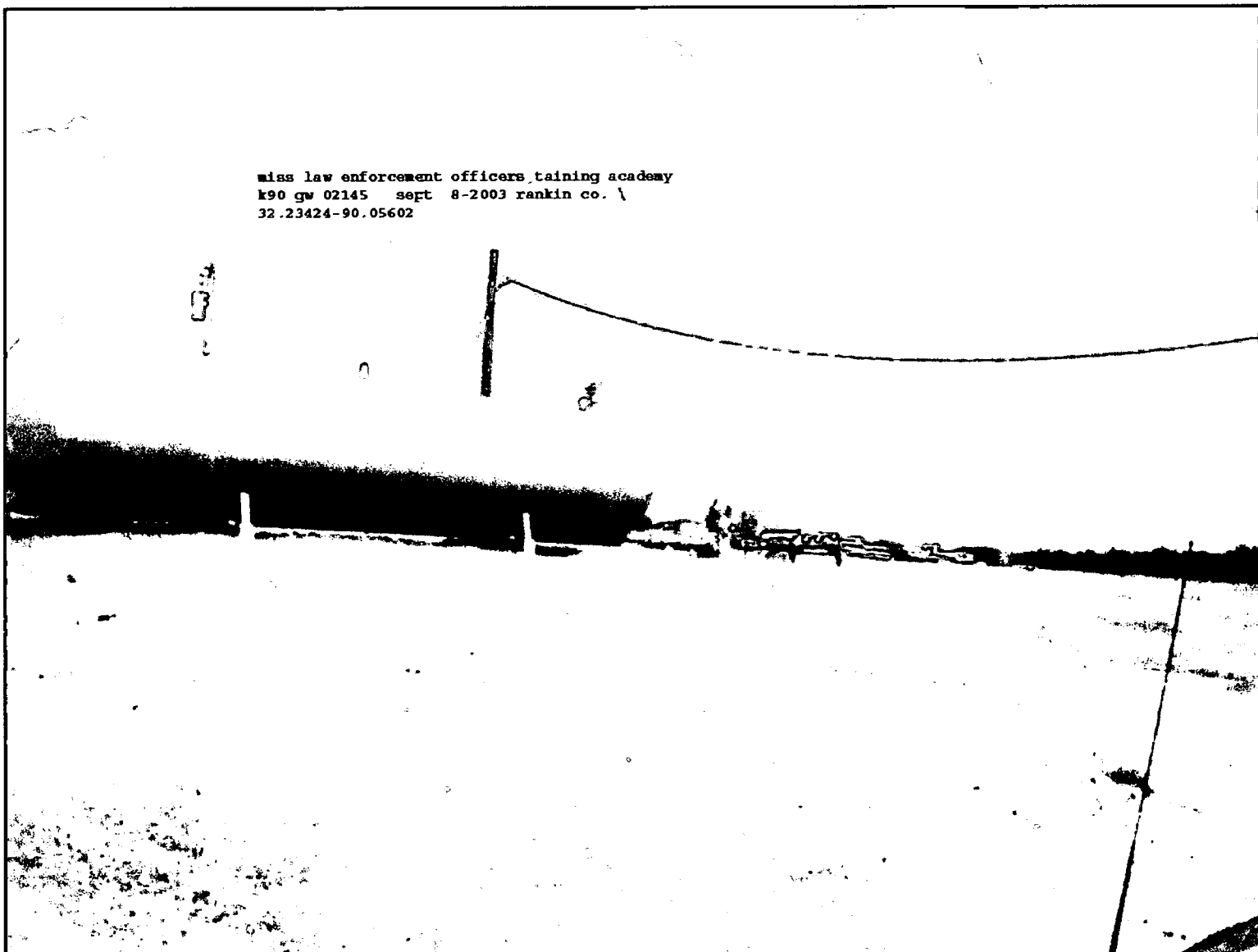
GPS CORRECTED LOCATION : LAT . LONG.

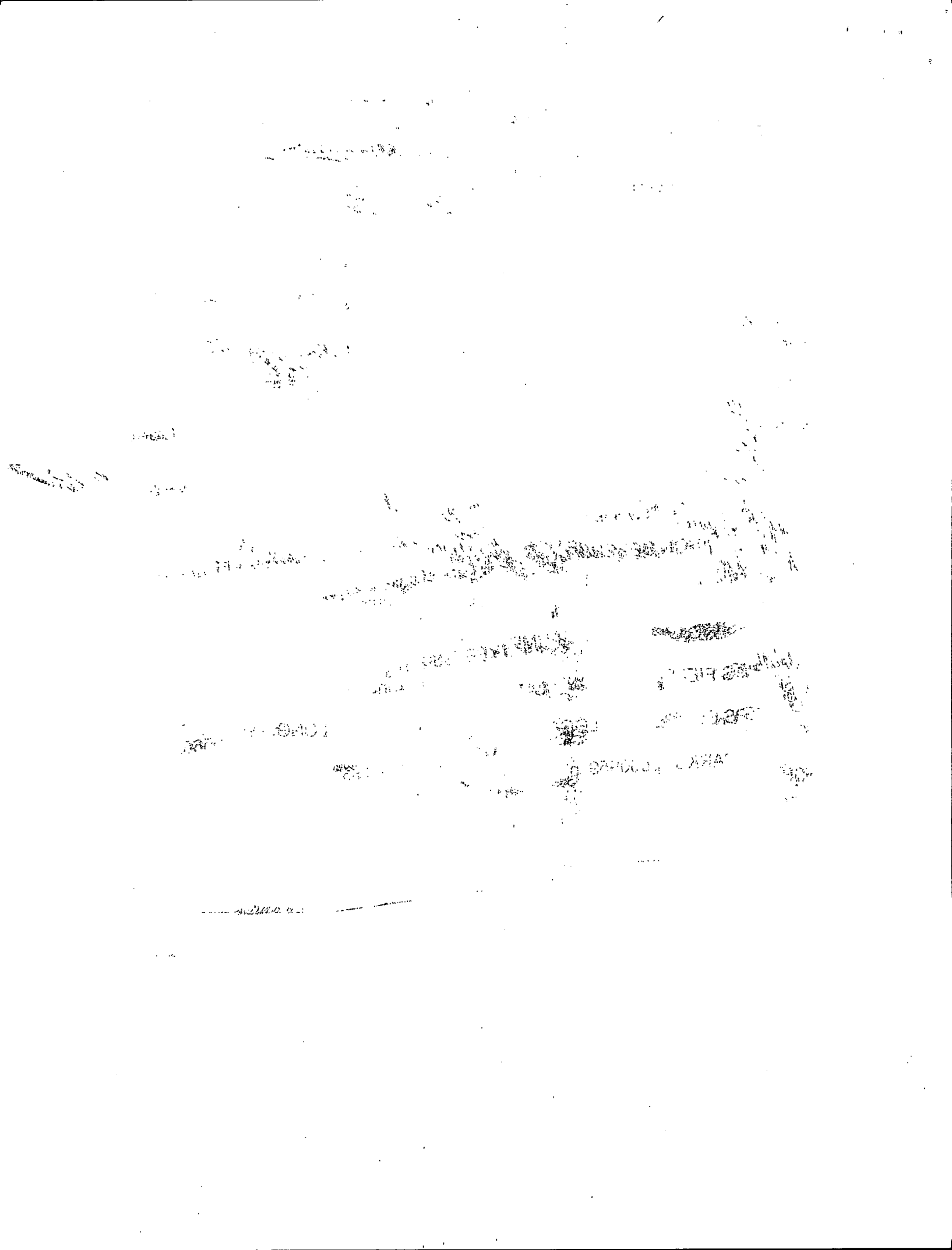
REMARKS : p000959 not used capped

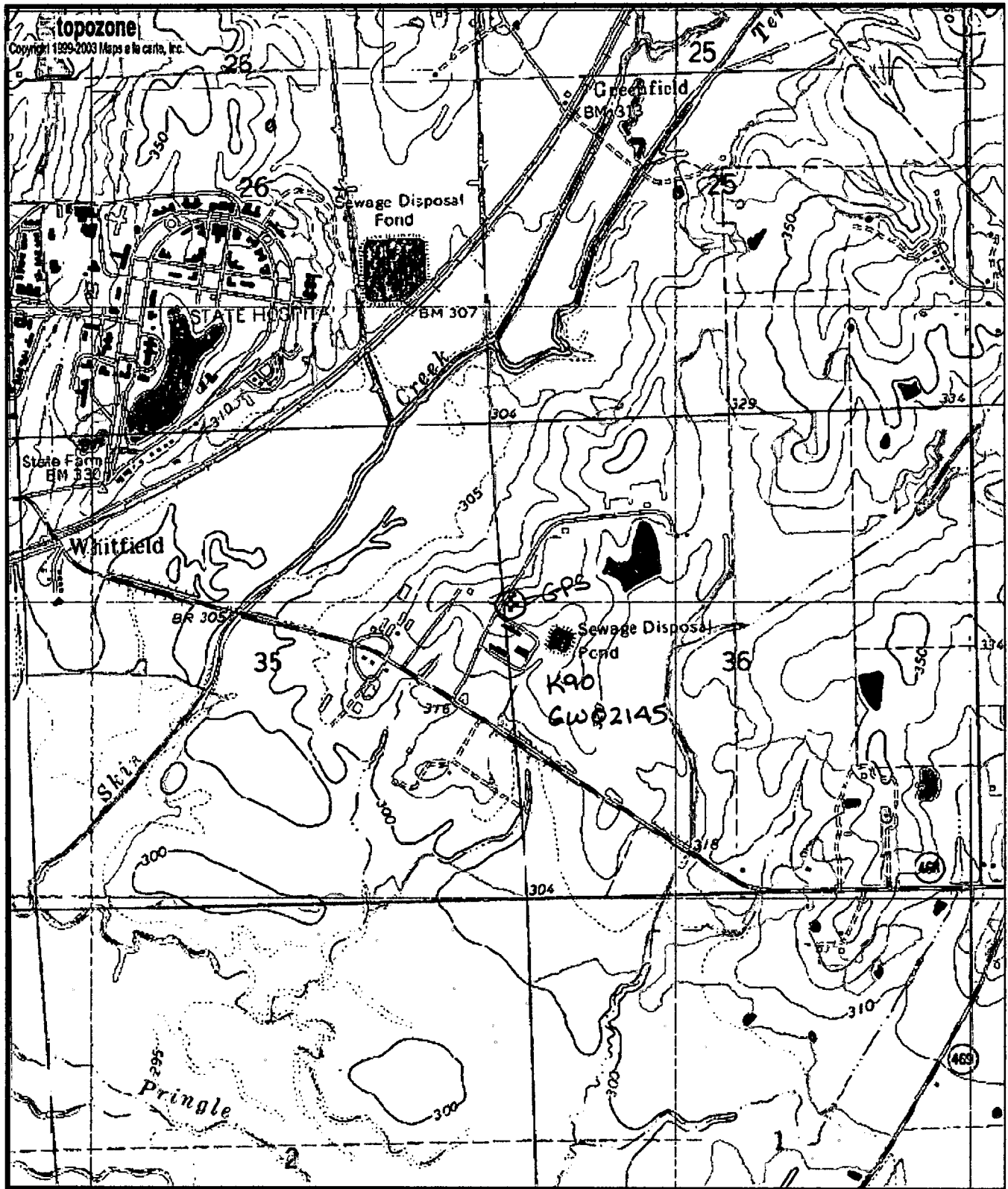
32° 14' 03"

90° 03' 22"

miss law enforcement officers taining academy  
k90 gw 02145 sept 8-2003 rankin co. \  
32.23424-90.05602







0 0.3 0.6 0.9 1.2 1.5 km  
 0 0.2 0.4 0.6 0.8 1 mi  
 Map center is UTM 15 777424E 3570015N (NAD27)  
**Whitfield** quadrangle  
 Projection is UTM Zone 15 NAD83 Datum

MN\*  
 GN  
 MN=-1.083  
 GN=-1.572