

6/78 WTO

Recorded by PEG WTO
Date 2/1/68 11/80

Replacement WTO

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

TRANSMITTED FOR ADP

~~TRANSMITTED FOR ADP~~

Well No. _____
E-Log No. _____
County PO...

GEN. SITE DATA

Site ID 3,1,0,8,5,1,0,8,9,1,4,5,1,0,1 R=0* T=A* 2=W*
Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=0,3,5,*
Lat. _____
Long. / 9=3,1,0,8,5,1,* 10=0,8,9,1,4,5,1,* Well No. 12='H,0,0,6,'*
Location 13=NESE S,1,2,T,0,2,N,R,1,3,W,* Alt. 16=2,5,4.*
Hyd. Unit (OWDC) 20= Date 21=0,1,0,1,1,9,6,8,*
Well use 23=W* Water Use 24=R* Hole depth 27= Well depth 28=3,3,0.*
WL 30=1,3,6.* Date 31=1,0,1,1,5,1,9,8,1,* Source 33=S*
Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159#0,2,1,0,1,1,9,6,8,* Owner No. _____
Owner 161#P,A,U,L,B,J,O,H,N,S,O,N,S,T,P,K,*

FIELD OW

R=192* T=A* Date 193#0,2,1,0,1,1,9,6,8,* Temp. 196#00010* 197=2,1,0,*
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=0,2,1,0,1,1,9,6,8,* Remarks _____
Drlg. 63=1,9,7,* Name Barnes & Bly. Method 65=H* Finish 66=S*

CASING

R=76* T=A* 59#1*
Top csgn. 77#0.* Bot. csgn. 78=2,6,6.* Diam. 79#6.*
R=76* T=A* 59#1*
Top csgn 77#2,4,3.* Bot. csgn. 78=3,0,0.* Diam. 79#4.*

OPENINGS

R=82* T=A* 59#1* Top 83#3,0,0.* Bottom 84=3,3,0.*
Type 85=S* Diam. 87=4.* Size 88=.0,0,8,*
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=1,2,0.* Q/S 272=
134 flows 146 pumped

LIFT

R=42* T= A * Lift type 43# S* Intake 44= 200.* Power type 45= E*
Date 38= 02/01/1968* H.P. 46= 10.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 347.*
R=198* T= A * Log 199# E* Top 200= 16.* Bot 201= 347.*
R=189* T= A * E Log No. 190# 074* 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * Type 120= *

AQUIFERS

R=90* T= A * 256# 1* Top 91= 300.* Bot 92= 347.*
Unit ID 93= 122MOEN* 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)

See location map in county files

Trans: 34,000
Perm: 710
Sp Cap: 4.7

WL=122' ^{2/1} (1968)

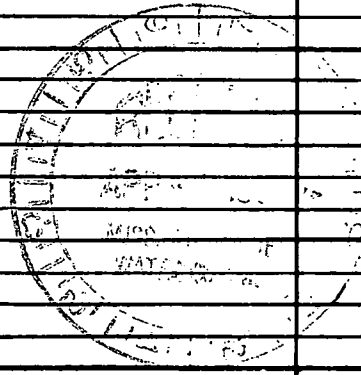
FORREST
H6
4-68
Miss GEO.

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

WATER WELL DRILLERS LOG

~~4-4-68~~ 1968 Banco Forrest
date well completed firm name county well located

LANDOWNER: <u>State Park Comm</u>	description of formations encountered	from	to
(mailing address)			
WELL LOCATION: sect <u>12</u> T <u>4</u> ² N R <u>12</u> West S W	Top Soil	0	3
<u>14</u> miles <u>South</u> of <u>Harrisburg</u> (distance) (direction) (nearest town)	Red clay	3	15
WELL PURPOSE: (home, irrigation, <u>municipal</u> , industrial)	yellow clay	15	60
WELL COMPLETION DATA:	Sand	60	85
(1) diameter (inches) <u>6" x 4"</u>	clay	85	240
(2) total depth (feet) <u>320</u>	Sand & clay	240	300
(3) static water level (feet) <u>122</u> below above top of ground.	Sand	300	340
(4) casing <u>6" sev. 766-</u> (material) (depth)	clay	340	400
<u>4</u> if telescope see back. (size)			
(5) screen <u>30'</u> <u>300</u> (length) (depth to top)			
<u>4"</u> <u>stainless steel</u> (size) (material)			
(6) pump <u>10</u> <u>120-</u> (HP) (yield gpm)			
<u>3 ph.</u> (type power)			
(7) electric log <u>yes</u> (yes or no)			
<u>State</u> (organization running log)			
(8) how well bottom plugged			
DRILLERS REMARKS:			



**APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW
FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI**

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only. 5-14-96 AGN FORM OLWR-AP-2 (REV. 9/94)

Issued: <u>3-25-86</u>	Expires: <u>3-25-2006</u>	Fee Paid:	Permit No. <u>GW-2075</u>
Lat. <u>31 08 45 de</u>	Long. <u>89 14 55 de</u>	Elev. <u>254 ft</u>	USGS No.
Quad. <u>Mc Lamin</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MOCN</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL PERMIT NO. MS-GW-02075

THIS APPLICATION IS FOR (Circle one): GROUNDWATER - COMPLETE A,B,E
 SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): 1) Public Supply - Municipal, Rural Water, or Private Water 2) Irrigation
3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino,
Restaurant) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: To supply water service to -
Park, Campground, Rental Cabins, Dormitories, office, Bath Houses and three permanent residence.
SECTION A (to be completed by ALL APPLICANTS) Also for kitchen facility.

LANDOWNER: MS Dept. Wildlife, Fisheries & Parks (Paul B. Johnson State Park)
(Name) (SSN or Tax ID No.)

319 Gogger Lake Road
(Address)

Hattiesburg, MS 39401 (City) (State & Zip) (601) 582-7721 (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

(Name) _____ (SSN or Tax ID No.) _____

(Address) _____

(City) _____ (State & Zip) _____ (Telephone) _____

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):

NE 1/4 of the SE 1/4 of Section 12, Township 03N, Range 13W, County Forrest

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit number. _____

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Miocene MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180016-01

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____

If well has already been drilled, when was well completed (date)? APRIL, 19 68. Under whose name was well originally drilled (if known)? Paul B. Johnson State Park

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 330 feet. DRILLER: BANCO

(b) SURFACE CASING: Length _____ feet; Diameter 6 inches; Type _____

(c) SCREEN: Length 30 feet; Diameter 4 inches; Type _____

(d) PUMP: Type Submersible; Size 10 hp; Capacity 120 gallons per minute; Setting depth 180 feet

(e) POWER UNIT: Type _____; Size _____ horsepower

4. PERMITTED VOLUME:

(a) _____ acre-feet per year at a maximum rate of _____ gallons per minute

(b) 0.02 million gallons per day at a maximum rate of 120 gallons per minute

(CONTINUED ON BACK)

name change

SECTION C (to be completed for SURFACE WATER SOURCE)

1. Source of water is from _____ which drains into _____
which drains into _____
(major stream or river)
2. Discription of pump/diversion works:
Pump (size & type): _____ Power Unit (size & type): _____
Lift: _____ feet Maximum capacity: _____ gallons per minute
3. _____ acre-feet per year at a maximum rate of _____ gallons per minute

SECTION D (to be completed for SURFACE WATER IMPOUNDMENTS {DAMS} on continuously flowing streams)

1. Name of storage reservoir: _____ Dam Height: _____ feet
2. Surface area at normal pool: _____ Storage capacity at normal pool: _____ acre-feet

SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

1. **IRRIGATION:** List the number of acres of each crop to be irrigated: Rice _____; Cotton _____; Oats _____; Corn _____; Soybeans _____; Pasture _____; Truck _____; Wheat _____; Grain Sorghum _____; Other (specify) _____ Acres _____

A. Method of Irrigation (circle one) - Center Pivot Flood Furrow

B. Land Condition (circle one) - Precision Land Formed Smoothed

C. ASCS Farm No. _____ Tract No. _____

2. **FISH CULTURE:** Explain how water will be used: _____
How often will reservoir (s) be emptied and refilled? _____
3. **MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM**
Chose "a" or "b". (a) The number of people served is _____ or (b) The number of connections is _____
What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years?
(Volume) (Year); (Volume) (Year); (Volume) (Year); (Volume) (Year)

4. **INDUSTRIAL :** If the water is to be released into a watercourse, indicate the amount released each year _____;
Rate of release _____; NPDES Permit No. _____
Explain any changes in quality of water to be released: _____
Explain how water will be used: _____
How much groundwater will be used for once-through non-contact cooling? _____

5. **RECREATION:** Explain how water will be used: *To supply water service to Park, Campgrounds, Cabins, Office, Bath Houses, Permitteries, Kitchen and Three permanent residence.*

6. **OTHER USE:** Explain in detail (if needed, attach another page): _____
7. **REMARKS:** _____

List below the person to be contacted for additional information if required.

Ty Lindon
(Name)

319 Geiger Lake Road
(Address)

Nottiesburg, MS 39401
(City, State, Zip)

601-582-7721
(Telephone)

The accompanying map is hereby declared a part of this application. For irrigation and fish culture use, an ASCS photograph is required. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.

Charles Martin
(Signature)

Subscribed and sworn to before me this 7th day of Feb, 1996, at N'burg County of Tenn

My commission expires My Commission Expires 9/4/97; *Fred R. Raul* Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

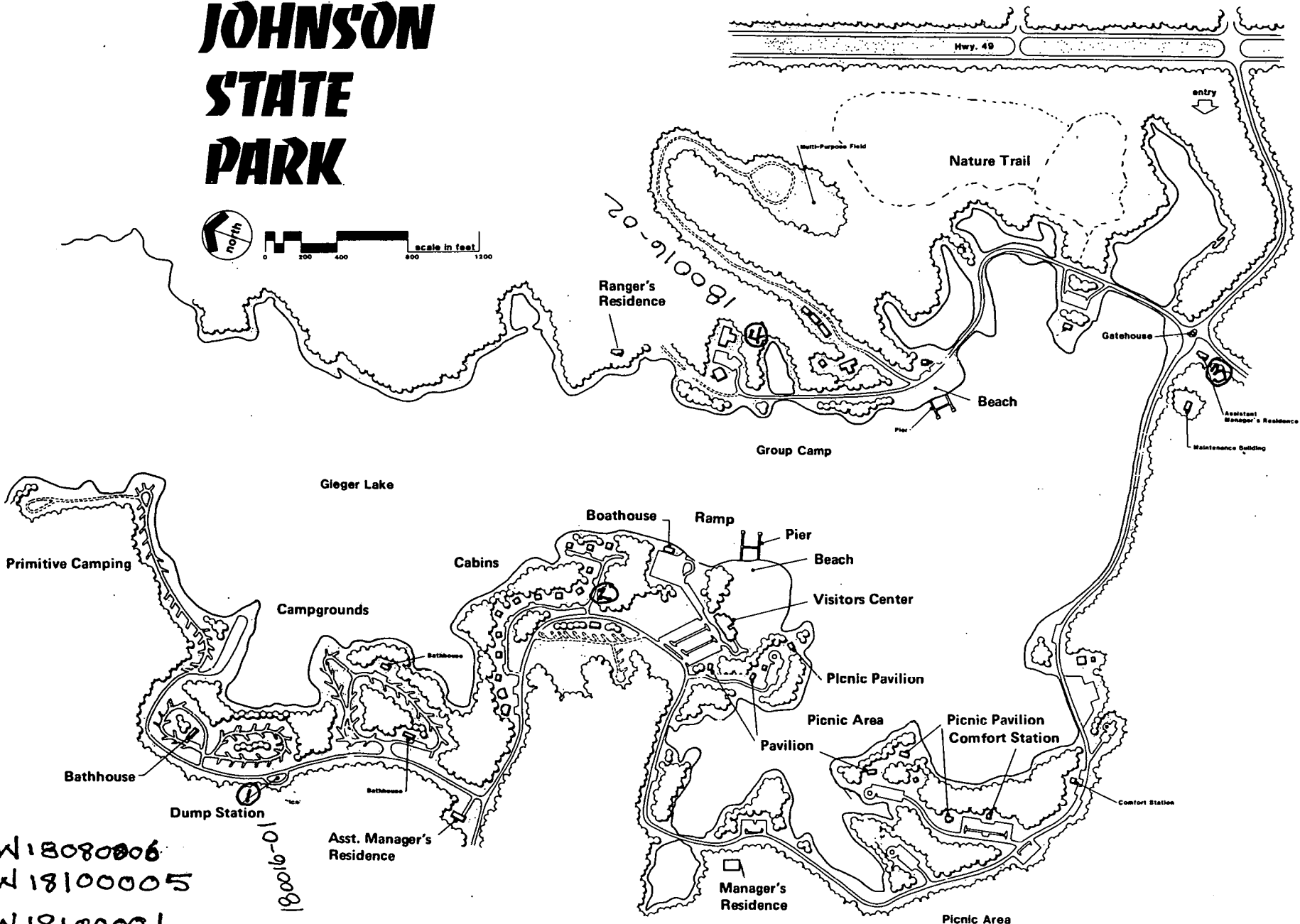
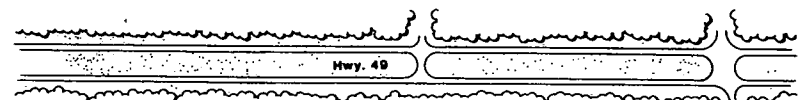
McLaurin Quad.

USER NAME(S): Hornbeak SH Bishop & CA Hornbeak DATE: 6/5/96
6-9-94
UNIT DEQ #: 82859 / 82859 FILE #: B060522B
A060916A
HEALTH DEPT. #: 180016-01 ELEV. 254
USGS #: 2-143 ~~2-143~~ H6 OLWR #: 2075
OWNER: Paul Johnson state park
LOCATION: SW -SE-SE S 12 T 2 N R 13 W COUNTY: Forsyth
LOCATION DESCRIPTION: 400 ft SW of Bath house #19

CASING DIA: _____ PUMP TYPE & SIZE: 5/8"
GPS FIELD LOCATION: LAT. 31° 08.439 LONG. 89° 14.555
31° 08.766 89° 14.895
GPS CORRECTED LOCATION: LAT. 31.14596248 LONG. 89.24866191

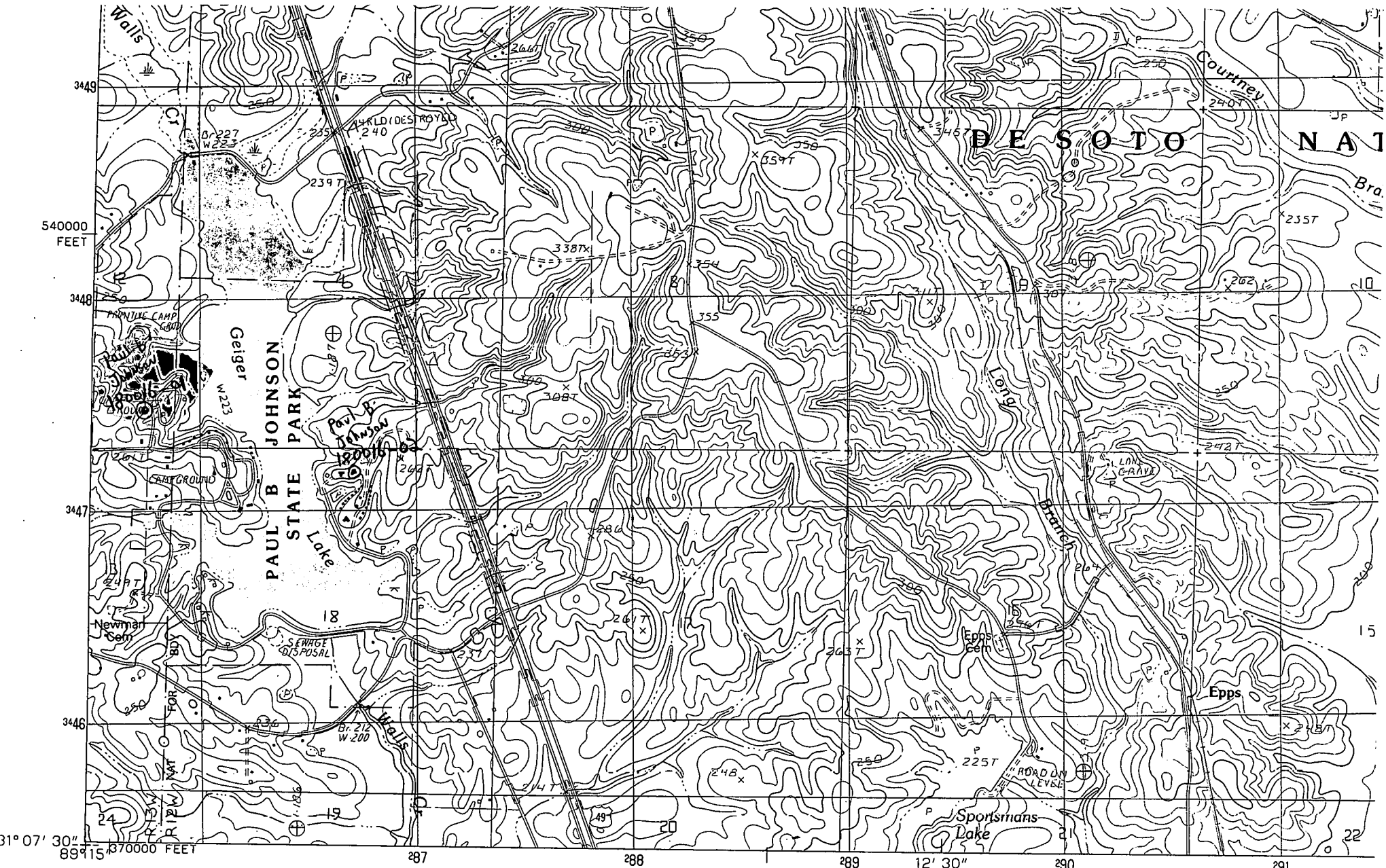
REMARKS: GPS located at well

PAUL B. JOHNSON STATE PARK



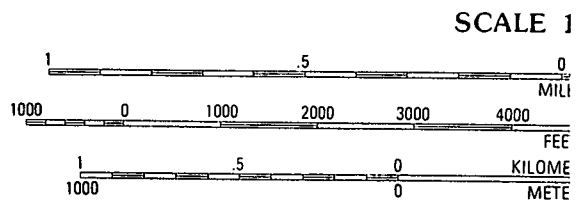
- ① #NGW 18080006
- ② #NGW 18100005
- ③ #NGW 18100001
- ④ #NGW 18100007

180016-01-0100081



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
 CONTROL BY USGS AND NOS/NOAA
 COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
 FIELD CHECKED 1980. MAP EDITED 1983
 PROJECTION TRANSVERSE MERCATOR
 GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 16
 10,000-FOOT STATE GRID TICKS MISSISSIPPI, EAST ZONE
 UTM GRID DECLINATION 1°08' WEST
 1983 MAGNETIC NORTH DECLINATION 3°00' EAST
 VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
 HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
 To place on the predicted North American Datum of 1983
 move the projection lines as shown by dashed corner ticks
 (16 meters north and 5 meters east)

PROVISIONAL MAP



SCALE 1
 CONTOUR INT
 SUPPLEMENTARY CONT
 To convert feet to mete