

6/17 WFO

31-02 tag 1 on both
K170 & K97

0610031-02
TRANSMITTED FOR ADP Gw12811

Recorded by WTO

U.S. GEOLOGICAL SURVEY SEP 1978
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Well No. K170

E-Log No. 449

County Rankin

Site ID 321602090040201 R=0* T=A* 2=W* 22920
JACKSON SE

GEN. SITE DATA

Data reliab. 3=C Report. agency 4=USGS Dist. 6=28 7=28* Co. 8=1,2,1

Lat. Long. 9=321602 10=0900402 Well No. 12=K170

SE NW Location 13=NE NW S 23 T 05 N R 02 E Alt. 16=393

Hyd. Unit (OWDC) 20= Date 21=01/10/1978

Well use 23=W Water Use 24=P Hole depth 27=840 Well depth 28=760

WL 30=2.38 Date 31=03/01/1978 Source 33=D

Status 273= Project No. 5= MU CCKF

OWNER

R=158* T=A* Date 159#03/01/1978 Owner No. T.H.#1 for Well #2

Owner 161=WASHINGTON WA
City of Pearl

FIELD OW

R=192* T=A* Date 193#07/09/1987 Temp. 196#00010 197=28.0

R=192* T=A* Date 193#07/09/1987 Cond. 196#00095 197=64.3

R=192* T=A* Date 193#07/09/1987 pH 196#00400 197=8.5

CONSTR.

R=58* T=A* 59#1 Date 60=03/01/1978 Remarks

Drig. 63=0.53 Name Parks Method 65=H Finish 66=G

CASING

R=76* T=A* 59#1

Top csng. 77#0 Bot. csng. 78= Diam. 79#10

R=76* T=A* 59#1

Top csng. 77# Bot. csng. 78= Diam. 79#

OPENINGS

R=82* T=A* 59#1 Top 83#720 Bottom 84=760

Type 85=S Diam. 87=6 Size 88=

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=150 Q/S 272=

134 flows 146 pumped

@ 50#

R=42* T= A * Lift type 43# T* Intake 44= * Power type 45= E*

LIFT

Date 38= 03/01/1978* H.P. 46= 30.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 840.*

R=198* T= A * Log 199# E* Top 200= 475.* Bot 201= 777.*

R=189* T= A * E Log No. 190# 449* 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= 728.* Bot 92= 762.*

Unit ID 93= 124CKF * Name of Unit Cockfield

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# *

Water Level Data Collection (1)

Test Hole
 T=28°C
 SpCond=590
 pH=8.5
 Clear

Top Soil	0	20
Sand	20	110
Clays w/ Gumbo	110	490
Sandy clays w/ shale	490	700
Good Sand	700	840

RANKIN
K170
3-78
Elev #448

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

CODED ✓

WATER WELL DRILLERS LOG

March 1978 I.M. Parks Drilling Co. Rankin
date well completed firm name county well located

LANDOWNER:
Washington Water Assn. Inc.
Rankin County, MS
(mailing address)

description of formations encountered	from	to
Top Soil	0	20'
Sand	20	110'
Clays w/ Gumbo	110	490'
Sandy clays w/shale	490	700'
Good Sand	700	840'

WELL LOCATION:
sec 23 T 5 N R 2 E
S W
South I-20
Airport Rd Exit of
(distance) (direction) (nearest town)

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

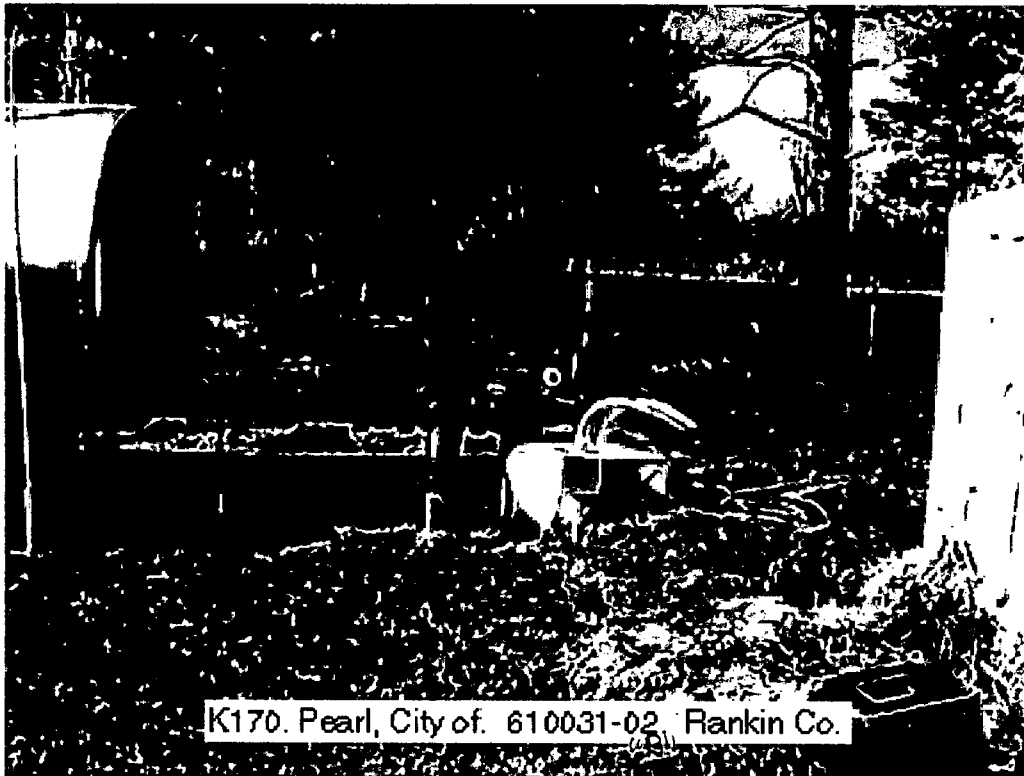
WELL COMPLETION DATA:
 (1) diameter (inches) 10 3/4
 (2) total depth (feet) 840'
 (3) static water level (feet) 238' below top of ground.
 (4) casing steel, 700'
(material) (depth)
 10 3/4 x 6 5/8 if telescope see back.
(size)
 (5) screen 40', 720'
(length) (depth to top)
 6 5/8", stainless steel
(size) (material)
 (6) pump 30 150
(HP) (yield gpm)
 3 φ
(type power)
 (7) electric log yes
(yes or no)
 MS Geological Survey
(organization running log)
 (8) how well bottom plugged Bpr -
 Saw teeth nipple

CODED

RECEIVED
MAY 18 1978

MISS. BD. OF WATER COMM

DRILLERS REMARKS:



K170. Pearl, City of. 610031-02 Rankin Co.

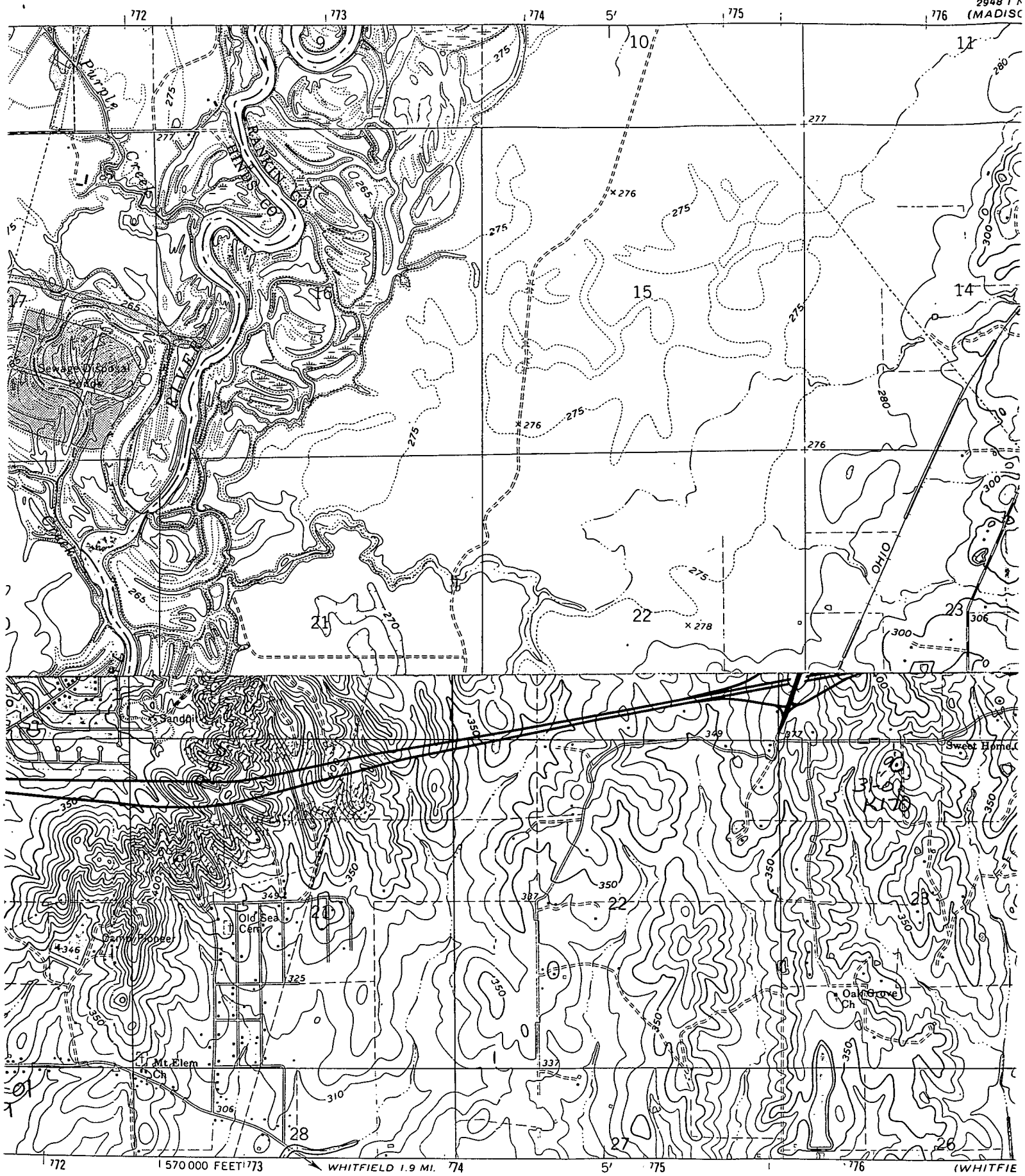
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB+DC DATE: Dec 20, 2001
UNIT DEQ #: _____ FILE #: _____
HEALTH DEPT. #: 610031-02 "B" ELEVATION: _____
USGS #: K170 OLWR #: MS-GW 12811
OWNER: Pearl, City of QUAD: Jackson SE
LOCATION: _____ S 23 T 5N R 2E COUNTY Rankin
LOCATION DESCRIPTION: South I-20 and airport
Road
CASING DIA: 6" PUMP TYPE & SIZE: Sub.
GPS FIELD LOCATION: LAT. 32.26769 LONG. -90.06811
GPS CORRECTED LOCATION: LAT. _____ LONG. _____
REMARKS: "B" denotes 2nd well using this number

THE INTERIOR
SURVEY

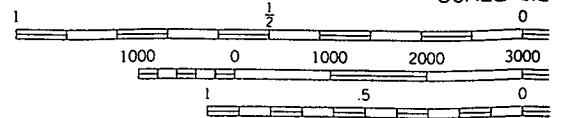
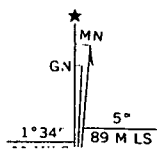
2948 I A
(MADIS)



Published by the Geological Survey

(WHITFIELD
2948 II A
SCALE 1:2

Methods from aerial
field checked 1963
North American datum
Mississippi coordinate system, west zone



CONTOUR INTERVAL