

GW 07928

Jackson SE Quad

FORM 7-1642 (1-68)

Well No.

F42

Elog # 272

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

2290 JACKSON SE PUNCI

MASTER CARD

Record by WTR Source of data MSGS Date 7/70 State 2002 County Rankin

Latitude: 32+9.58 N Longitude: 89+00.6 W Sequential number 2

Local well number: F042AD2906NO2E Other number: Best hole #

Local use: 026272 Owner or name: Jackson Prep Sch

JACKSON PREP SCH Address: Jackson

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

Use of Air cond, Bottling, Com, Dewater, Power, Fire, Bom, Irr, Med, Ind, P S, Rec, water

Stock, Ingit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other

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

DATA AVAILABLE: Well data, Freq: N/L meas, Field aquifer char

Hyd. lab. data

Qual. water data; type: CCKF

Freq. sampling; Pumpage inventory; no. period

Apertural cards

Log data: Elog 10' - 408'

WELL-DESCRIPTION CARD

Depth well: 391 Meas. rept accuracy 3

Depth cased: 327 Casing type: steel Diam. in 6

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

Method: air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive rot., rot., percussion, rotary, other

Date drilled: 9.7.0 Pump intake setting: ft

Driller: Forest Oil Co. name address

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 10 Trans. or meter no. U

Descrip. MP 283 275 DEW 1980 ft above below LSD, Alt. MP

Alt. LSD: 280 Accuracy: (source) 1

Water Level: 100 ft above below MP; Ft below LSD 100 Accuracy:

Date meas: 7.7.0 Yield: 90 gpm Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard. Sp. Conduct K x 10 Temp. Date sampled

Taste, color, etc.

10/22/80 140 22.37 117.43 1.0 MP 116.43

136.93 10-30-89

Standby/IR

CCKF

Elog 10' - 408'

SAME AS ON MASTER CARD

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. gallery, (I) open perf., (J) screen, (K) sd. pt., (L) shored, (M) open hole, (N) other

Method: (A) air rot., (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) reverse, (H) trenching, (I) driven, (J) drive wash, (K) other

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 10 Trans. or meter no. U

Water Level: 100 ft above below MP; Ft below LSD 100 Accuracy:

Date meas: 7.7.0 Yield: 90 gpm Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard. Sp. Conduct K x 10 Temp. Date sampled

Well No.

WELL SCHEDULE

Latitude-Longitude

BASIC CARD

ATC 61 11 AM

SAME AS ON MASTER CARD

Physiographic Province:

0.3 Section:

D Drainage Basin:

137 Subbasin:

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (G) hilltop, (H) sink, (I) swamp, (J) offshore, (K) pediment, (L) hillside, (M) terrace, (N) undulating, (O) valley flat

MAJOR AQUIFER: system series aquifer, formation, group

Lithology: Origin: Aquifer Thickness: 5.8 ft

Length of well open to: ft 50 Depth to top of: ft 33.8

MINOR AQUIFER: system series aquifer, formation, group

Lithology: Origin: Aquifer Thickness:

Length of well open to: ft Depth to top of: ft

Intervals Screened: 40-58

Depth to consolidated rocks: ft Source of data:

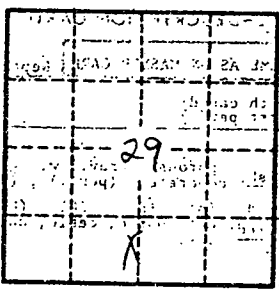
Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft Coefficient Storage:

Coefficient Perm: gpd/ft² Spec cap: gpd/ft; Number of geologic cards:

W.L. 1980-116.63
10/30 - 136.93



RANKIN
F42
7-3-70

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

ELOG# 272

WATER WELL DRILLERS LOG

CODED

7/3/70 date well completed
Forest Drilling firm name
Rankin county well located

LANDOWNER:	description of formations encountered	from	to
Jackson Preparatory School Jackson Miss. (mailing address)			
WELL LOCATION: sec. 29 T. 6 N. R. 2 E 2 miles E of Jackson (distance) (direction) (nearest town) May 25	Yellow clay	0	14
WELL PURPOSE: school (home, irrigation, municipal, industrial)	Coarse sand + gravel	14	32
	Blue clay	32	104
	Sts. line, shale + steel	104	124
	Brown clay + sts. lignite	124	148
	Soft clay	148	238
	Sts. clay + sand	238	258
	Fire sand	258	273
	Soft clay	273	333
	Sts. shale + fire sand	333	338
	Fire sand	338	378
Clay	378	384	
WELL COMPLETION DATA:	Drill fire sand	384	404
(1) diameter (inches) 6"			
(2) total depth (feet) 408'			
(3) static water level (feet) 100' below top of ground			
(4) casing Steel 327' (material) (depth) 6" (size) If telescope see back.			
(5) screen 50' 341' (length) (depth to top) 4" Stainless Steel (size) (material)			
(6) pump 10 90 (HP) (yield gpm) Electric (type power)			
(7) electric log Yes (yes or no) Miss. Geological (organization running log)			
(8) how well bottom plugged 4" Backward Valve			
DRILLERS REMARKS:			

AUG 1970

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-07928

County: RANKIN

Owner: JACKSON PREP SCHOOL

Aquifer: CCKF

USGS No: N/A

BOH No: N/A

Location: NE 1/4 of the SE 1/4 of SEC 29 TWN 06N RNG 02E Lat: 322001 Long: 900628

Quad: JACKSON SE

District: N/A

Date Issued: 09-JAN-90

Date Renewed: 12-OCT-99

Date Expired: 12-OCT-09

Applicant: JACKSON PREP SCHOOL

Owner: JACKSON PREP SCHOOL

Address 1: 3100 LAKELAND DRIVE

Address 1: 3100 LAKELAND DRIVE

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: FLOWOOD

City: FLOWOOD

State: MS Zip: 39208

State: MS Zip: 39208

Driller: FOREST DRILLING

Maximum Rate: 90

Amount Withdrawn Acre feet: 0

Amount Withdrawn Mgd: 0

32-3896-33396

90 90.10794

P000932

Use

STANDBY
IRRIGATION

Casing

Type: STEEL
Diameter: 6
Length:

Screen

Type: STAINLESS STEEL
Diameter: 4
Length: 64

**DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT**

GPS LOG

USER NAME (S) : RLB

DATE :aug11-2003

UNIT DEQ # : _____

FILE # : _____

HEALTH DEPT.

ELEVATION :

USGS # : F42

OLWR # :GW-07928

OWNER : JACKSON PREP SCHOOL

QUAD :JACKSON SE

LOCATION : NE SE S 29 T 6N R 2E COUNTY RANKIN

LOCATION DESCRIPTION : IN BACK OF ADMINISTRATIVE BUILDING

CASING DIA : 6 PUMP TYPE & SIZE :SUB

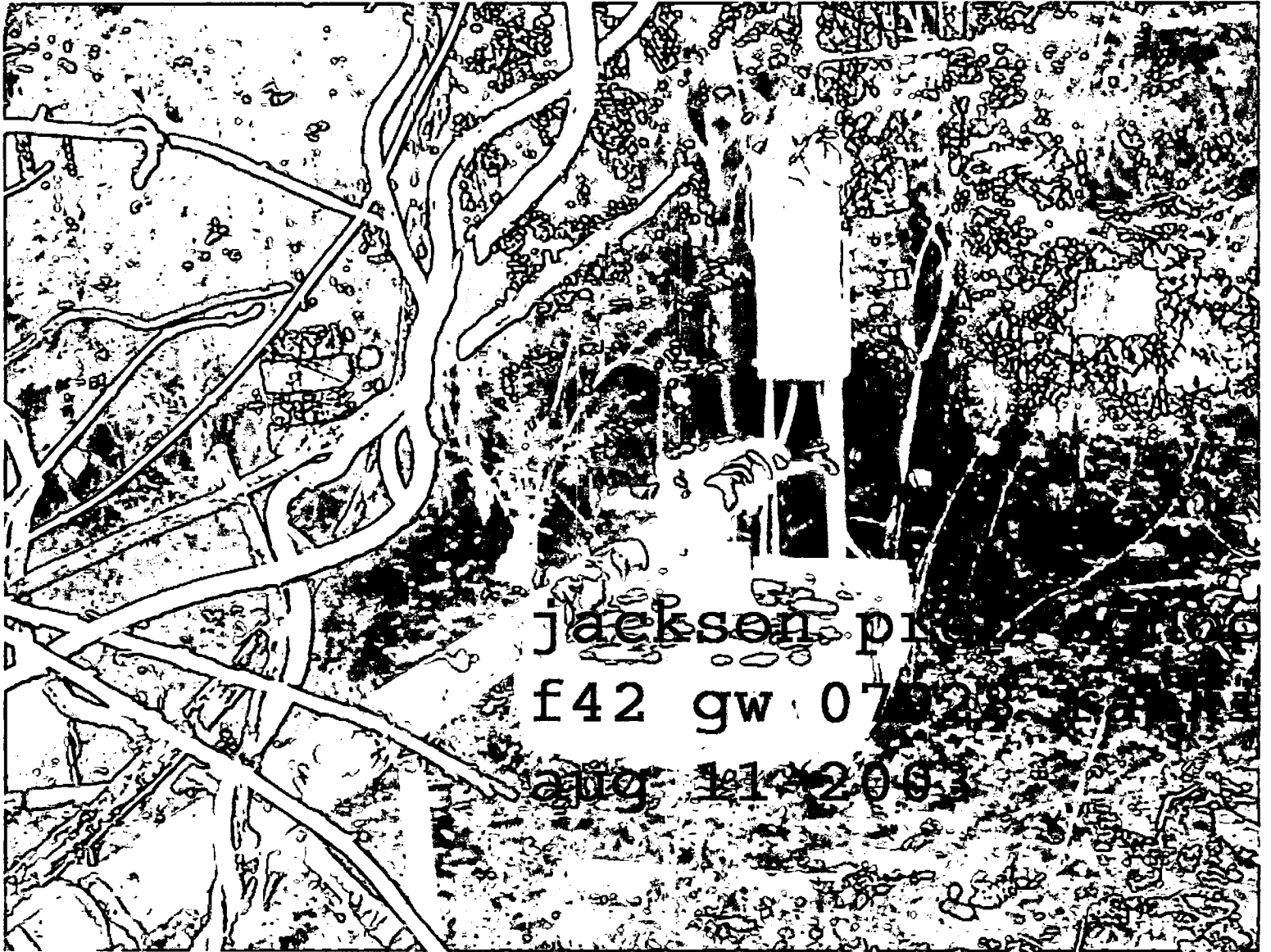
GPS FIELD LOCATION : LAT .32.33396

LONG. -90.10794

GPS CORRECTED LOCATION : LAT

LONG.

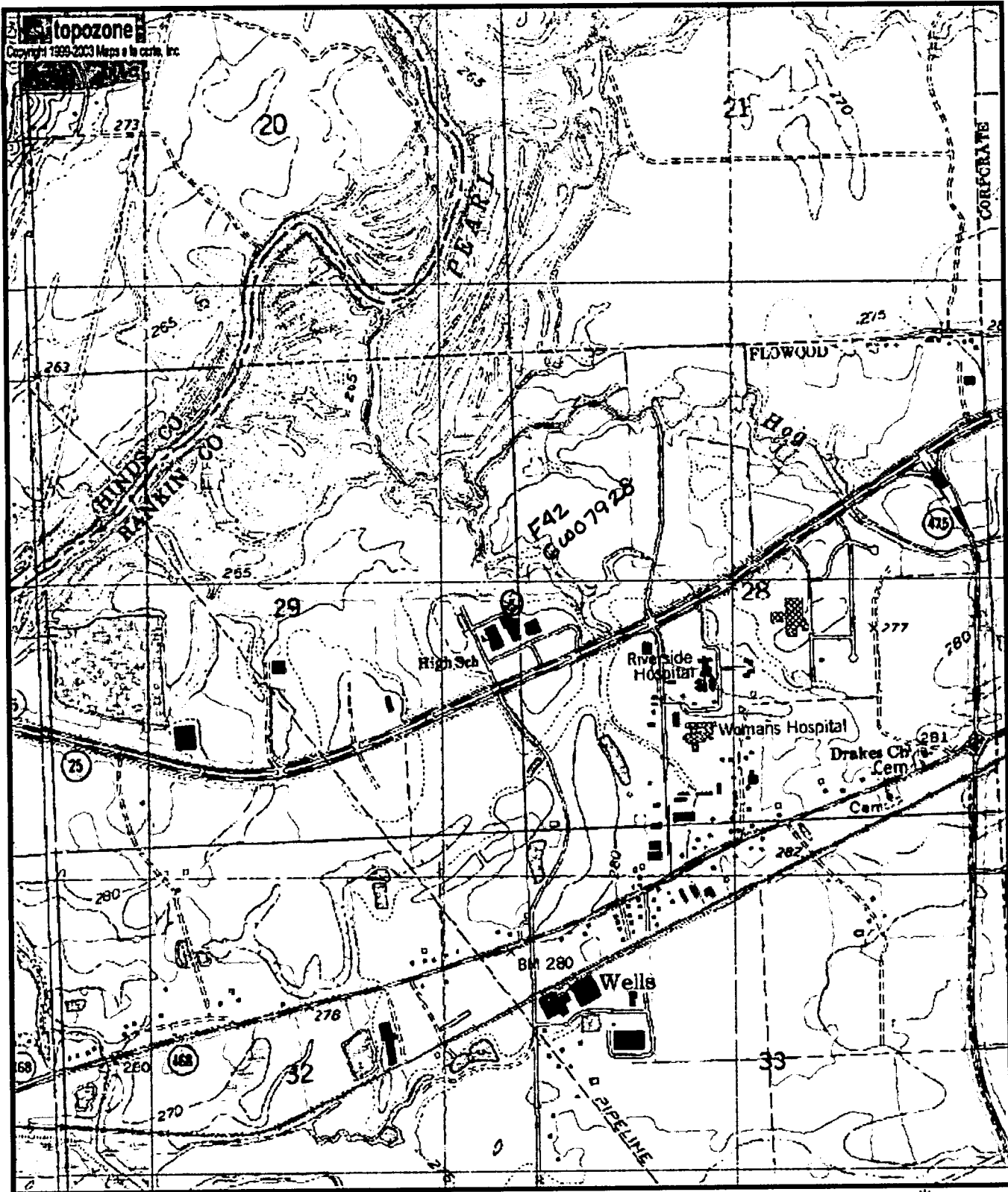
REMARKS : P000932



Jackson photo

f42 gw 07

aug 11 2003



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 32° 20' 02"N, 90° 06' 28"W (NAD27)
Jackson SE quadrangle
 Projection is UTM Zone 15 NAD83 Datum

MN↑
 GN↑
 MN=-1.029
 GN=-1.548