MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

# WELL SCHEDULE

FIPS: 121

WELL: T52

LOG NO.:

Recorded by: PP Data Source: Permit Driller's log Date: 11/2001

County: Rankin Permit No.: GW15253 DOH No.: 0610026-03

Quad: Florence Elevation: 345

¼: NW ¼: NW ¼: SE ¼: SW Sec.: 4 T: 3N R: 1E

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Plotted on quad?: ✓ In field? ✓ From drillers log? ____ From permit? ____

Latitude: ____ Longitude: ____ GPS? 11/17/99 From Quad? ____

Primary aquifer: SPRT Secondary aquifer: ____

Use: WA Well status: ____ Local well name: ____

Owner: Southwest Rankin W.A.

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Date completed: 2/18/99 Driller: Herndon Well depth: 1640 Hole Depth: 1835

Pump type: Turbine, 50 HP Power type: Electric Pump capacity: 415 gpm

Casing interval: 0 - 1580 gl (345 to -1235 msl) Casing length: 1580' Casing diameter: 12"

Casing interval: ____ Casing length: ____ Casing diameter: ____

Screen interval: 1589 - 1640 gl (-1244 to -1295 msl) Screen length: 51 Screen diameter: 8

Screen interval: ____ Screen length: ____ Screen diameter: ____

Type of logs: ____ Log interval: ____

Initial water level: ____ Date: ____ M.P. description: ____

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Water Quality Data? ____ Source: ____ Reliability: ____

Water Level Data? ____ Source: ____ Reliability: ____

Pump Test Data? ____ Source: ____ Reliability: ____

Water Use Data? ____ Source: ____ Reliability: ____

Water level data

This area for location map and notes

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**
**Office of Land and Water Resources**

P. O. Box 10631
Jackson, MS 39289-0631

**WATER WELL DRILLERS LOG**

| | |
|---|---|
| COUNTY WELL LOCATED | RANKIN |
| WELL NUMBER | T52 |
| CODED | |
| DATE WELL COMPLETED | 02-18-99 |
| PERMIT NUMBER | GW 15253 |
| NAME OF DRILLING FIRM | HERNDON WELL & SUPPLY PEARL, MS. |

**NAME & MAILING ADDRESS OF LANDOWNER**

SW RANKIN
201 SOUTH COUNTY LINE
FLORENCE, MS. 39073

| WELL LOCATION | SEC | TOWNSHIP | RANGE |
|---|---|---|---|
| | 4 | 3 (N) S | / (E) W |

| DISTANCE | DIRECTION | NEAREST TOWN |
|---|---|---|
| 6 Miles | E | FLORENCE of |

OTHER LANDMARK:

WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.): MUNICIAPL

## PUMP DATA

PUMP TYPE (Circle One): Submersible, (Turbine,) Jet, Flowing Well, Other (Describe)

POWER TYPE (Circle One): (Electric,) Tractor, Diesel, Gasoline, Butane, Other (Describe) MOTOR H/P 50

| Pump Capacity (GPM) | No of Stages | Setting Depth |
|---|---|---|
| 415 | 7 | 372 FT. |

PUMP TEST

Well yielded 415 @8PSI GPM with a drawdown of 45 ft. after 4 hours of pumping

## WELL DATA

| Well Depth | Casing Diameter (In.) | Casing Length (Ft.) |
|---|---|---|
| 1640 | 12 | 1580 |

| Type of Casing | Hole Depth | Depth to Static Water Level |
|---|---|---|
| | | |

TYPE OF COMPLETION: (Circle One or More): (Gravel Packed,) (Underreamed,) (Telescoped,) Natural Development, Open Hole, Other (Describe)

WELL GROUTED TO A DEPTH OF 1580 FEET
Type Grout (circle one): (Cement), Bentonite, or Mix

## LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run, (Electric,) (Gamma Ray,) Density, Sonic, Neutron, Other (Describe)

Name of Organization Running Log: MS. OFFICE OF GEOLOGY

## GEOLOGIC DATA (Office Use Only)

| Surface Elev | Soil Cut | Rock Cut | Depth to Top |
|---|---|---|---|
| Subs. SWL | Date | Analysis | Aquifer Test |

Driller's Remarks

RECEIVED JUN 21 2000 Dept. of Environmental Quality Office of Land & Water Resources

## SCREEN DATA

| Diameter - Inches | Length - Feet | Slot Size - Inches |
|---|---|---|
| 8 | 50.54 | .020 |

| Screen Type | Depth to Bottom - Feet |
|---|---|
| WIREWRAPPED SS | 1640 |

Top of Lap of Last Section in Casing: 1589.46 FEET

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

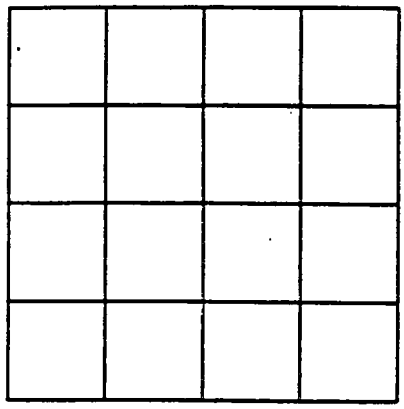
| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---|---|---|
| red clay | 0 | 30 |
| clay | 30 | 180 |
| sand | 180 | 240 |
| clay | 240 | 245 |
| sand | 245 | 310 |
| clay | 310 | 890 |
| sandy clay | 890 | 1140 |
| clay | 1140 | 1310 |
| sandy clay | 1310 | 1540 |
| sand | 1540 | 1565 |
| clay | 1565 | 1575 |

| FORMATIONS (Continued) | FROM | TO |
|---|---|---|
| sand clean | 1575 | 1645 |
| sand & lignite | 1645 | 1650 |
| sand | 1650 | 1670 |
| sand & lignite | 1670 | 1675 |
| sand | 1675 | 1685 |
| sand & lignite | 1685 | 1690 |
| sand | 1690 | 1725 |
| clay | 1725 | 1770 |
| sand | 1770 | 1835 |
| clay | 1835 | |

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please
sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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

# DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

## PUBLIC SUPPLY WELLS PROJECT

## GPS LOG

USER NAME(S): Hardin / Phillips DATE: 11/17/99

UNIT DEQ #: _____ FILE #: B111714B

HEALTH DEPT. #: 610026-03 ELEV. 345'

USGS #: T52 OLWR #: 6W15253

OWNER: Southwest Rankin WA QUAD: Florence

LOCATION: SE/SW S 4 T 3N R 1E COUNTY: Rankin

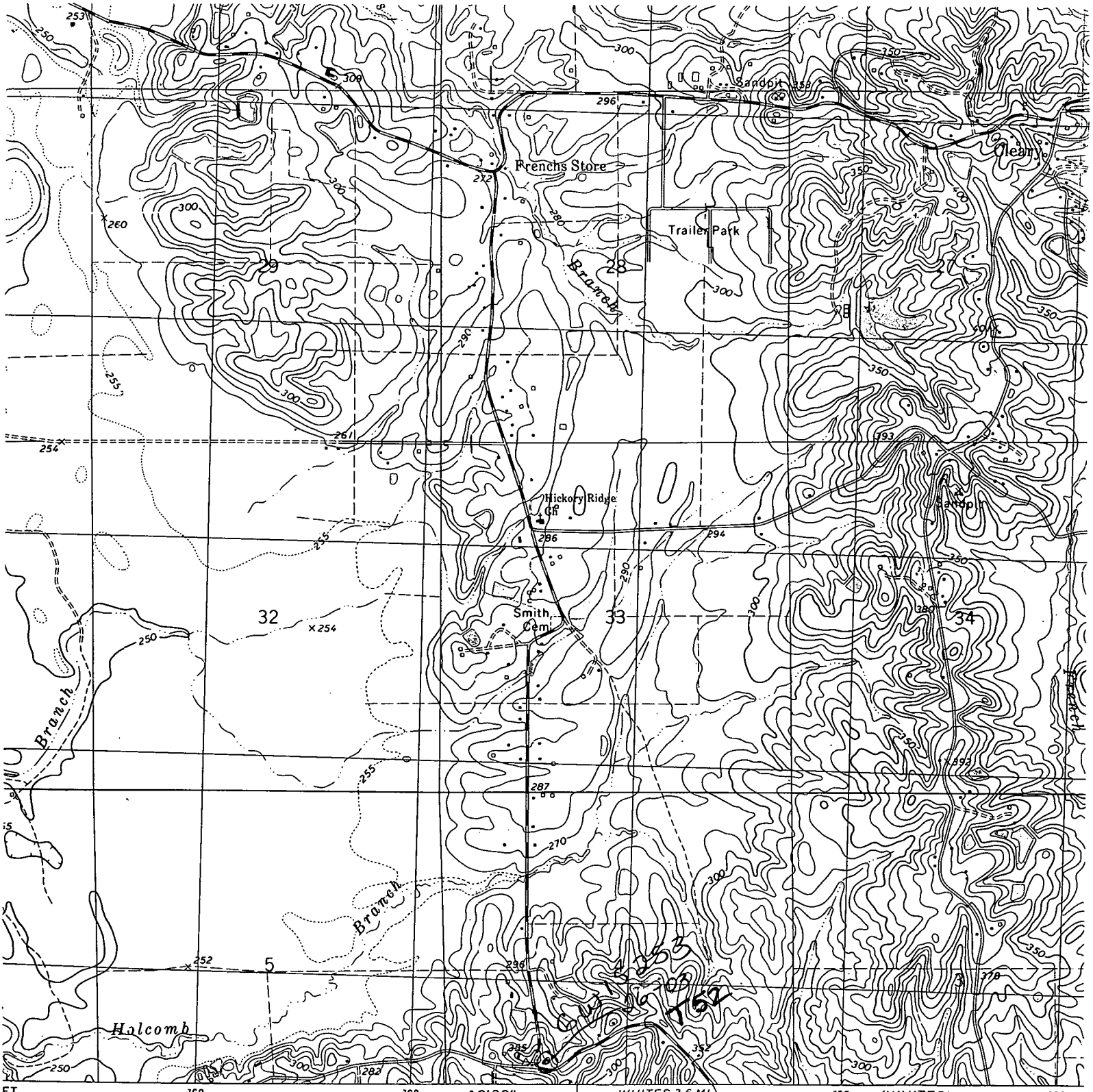
LOCATION DESCRIPTION: At elevated tank on corner of Pierce & Hickory Ridge Rd

CASING DIA: _____ PUMP TYPE & SIZE: Turbine ; 50 HP

GPS FIELD LOCATION: LAT. 32° 07' 34.5" LONG. 90° 12' 21.1"

GPS CORRECTED LOCATION: LAT. 32.126004 LONG. 90.205968

REMARKS: _____




:al Survey

ographs

hotographs

te

e shown

s where

unchecked

MN
GN
1°30′
27 MILS
4°
71 MILS

UTM GRID AND 1980 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 ½ 0

1000 0 1000 2000 3000 4000 5000

1 .5 0

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY ST
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRG
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAIL