



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

### WELL SCHEDULE

FIPS: 121

WELL: V87

LOG NO.: \_\_\_\_\_

Recorded by: PPhillips Data Source: Permit Driller's log Date: 6/24/02

County: Rankin Permit No.: 6W15418 DOH No.: 0610015-03

Quad: Braxton Elevation: 424

1/4: NE 1/4: NE 1/4: NE 1/4: NE Sec.: 33 T: 3N R: 3E

Plotted on quad?  In field? \_\_\_\_\_ From drillers log? \_\_\_\_\_ From permit? \_\_\_\_\_

Latitude: 32° 3' 48.5" Longitude: 89° 59' 14.6" GPS?  From Quad? \_\_\_\_\_

Primary aquifer: SPRT Secondary aquifer: \_\_\_\_\_

Use: IT Well status: \_\_\_\_\_ Local well name: \_\_\_\_\_

Owner: Piney Woods Country Life School

Date completed: 1/1/00 Driller: Layne Central Well depth: 1785 Hole Depth: 1937

Pump type: Turbine Power type: Electric Pump capacity: 500

Casing interval: 0-1705 Casing length: 1705 Casing diameter: 12"

Casing interval: 1635-1705 Casing length: 70 Casing diameter: 8"

Screen interval: \_\_\_\_\_ Screen length: \_\_\_\_\_ Screen diameter: \_\_\_\_\_

Screen interval: 1705-1775 Screen length: 70 Screen diameter: 8"

Type of logs: \_\_\_\_\_ Log interval: \_\_\_\_\_

Initial water level: \_\_\_\_\_ Date: \_\_\_\_\_ M.P. description: \_\_\_\_\_

Water Quality Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

Water Level Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

Pump Test Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

Water Use Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
Office of Land and Water Resources

P. O. Box 10  
Jackson, MS 39289-0010  
WATER WELL DRILLERS I

COUNTY WELL LOCATED  
**Rankin**

WELL NUMBER **3** CODED

**V87**

DATE WELL COMPLETED  
**1/2000**

PERMIT NUMBER  
**MSGW-15418**

NAME OF DRILLING FIRM  
**Layne-Central**

**Jackson, MS**

NAME & MAILING ADDRESS OF LANDOWNER  
**Piney Woods Country Life Schools**

**PO Box 52**

**Piney Woods, MS 39148**

WELL LOCATION SEC TOWNSHIP RANGE  
**NE 1/4 NE 1/4 33 3N 3E**

DISTANCE DIRECTION NEAREST TOWN  
-- Miles -- of --

OTHER LANDMARK  
**100' E of Well #2**

WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc  
**School**

PUMP DATA

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

POWER TYPE:  
Diesel  Electric  Tractor  
Gasoline  Butane

Other (Describe) H/P **100**

Pump Capacity (GPM) **500** No. Of Stages **12** Setting Depth **460** F

PUMP TEST  
Well yielded **557** GPM with  
a drawdown of **246** ft.  
after **24** hours of pump

WELL DATA

Well Depth <b>1785'</b>	Casing Diameter (In.) <b>12"</b>	Casing Length (Ft.) <b>1705'</b>
Type of Casing <b>Steel</b>	Hole Depth <b>1785'</b>	Depth of Static Water Level <b>230'</b>
TYPE OF COMPLETION Underreamed <input checked="" type="checkbox"/> Telescoped <input type="checkbox"/> Open Hole <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Natural Development <input type="checkbox"/> Other (Describe)		
WELL GROUTED TO A DEPTH OF <b>1705'</b> FEET		
TYPE GROUT Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix <input type="checkbox"/>		

LOG DATA

TYPE OF LOG RUN  
Electric  Gamma Ray  No Log Run  
Sonic  Neutron  Density

Other (Describe)

Name of Organization Running Log  
**Layne Central, Jackson, MS**

SCREEN DATA

Diameter - Inches <b>8"</b>	Length - Feet <b>70'</b>	Slot Size - Inches <b>0.020"</b>
Screen Type <b>Stainless Steel</b>	Depth to Bottom - Feet <b>5'</b>	

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks  
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Top of Lap Pipe or Reduction in Casing  
**1635** FEET

IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Sandy Clay	0	30	Clay & Sand Streaks	908	1,000
Sand/Pea Gravel	30	50	Hard Shale & Clay	1,031	1,062
Sandy Clay	50	70	Sand	1,062	1,125
Sand & Shale	70	98	Clay & Sand Streaks	1,125	1,155
Fine Sand	98	140	Hard Clay & Sand	1,155	1,311
Sandy Clay	140	317	Sandy Clay & Shale	1,311	1,353
Shale & Sand	317	379	Rock	1,353	1,355
Hard Rock	379	382	Hard Shale & Lime	1,355	1,415
Sand & Clay Streaks	382	566	Sand & Shale Streaks	1,415	1,455
Sandy Clay & Shale	566	597	Sandy Clay & Shale	1,455	1,680
Sandy Clay	597	629	Sand & Clay Streaks (Lignite)	1,680	1,788
Sand	629	659	Hard Shale	1,788	1,803
Clay & Sand Streaks	659	815	Sand & Shale (Lignite)	1,803	
Clay	815	908			

IF MORE SPACE IS NEEDED, USE BACK PAGE

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB DATE: June 17-2002

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

HEALTH DEPT. #: 610015-03 ELEVATION: \_\_\_\_\_

USGS #: V 87 OLWR #: GW 115418

OWNER: Piney Woods Co. Life School QUAD: Braxton

LOCATION: NE NE S 33 T 3N R 3E COUNTY Rankin

LOCATION DESCRIPTION: Piney Woods School

CASING DIA: 12" PUMP TYPE & SIZE: Turbine 100HP

GPS FIELD LOCATION: LAT. 32.06346 LONG. -89.98740

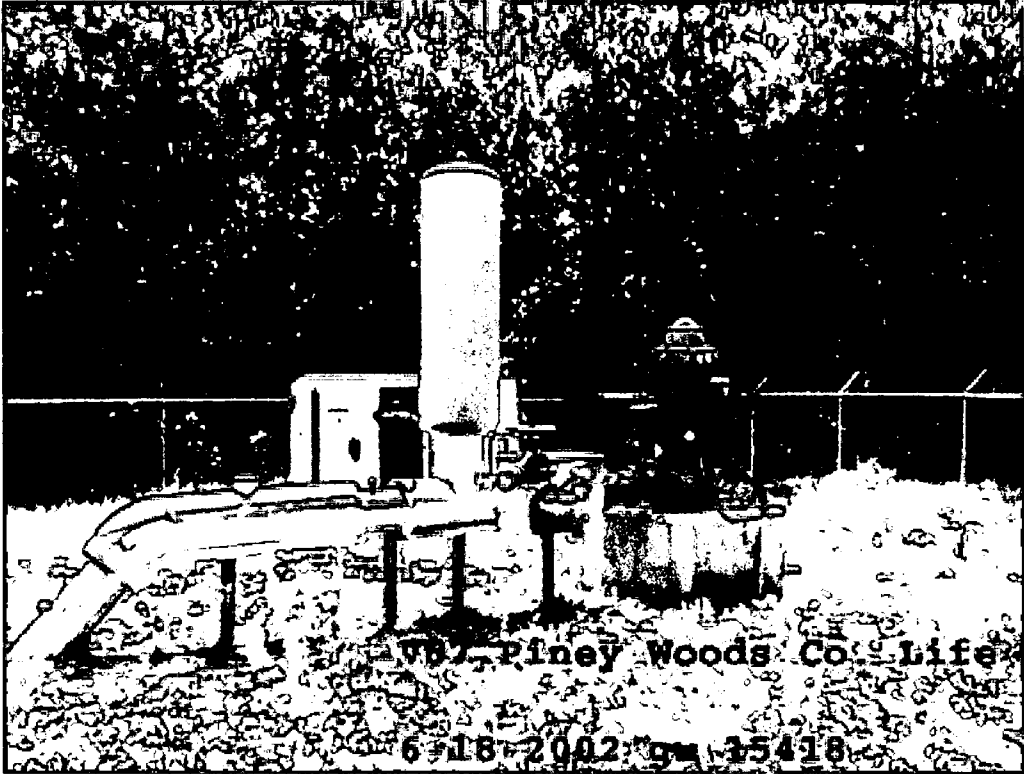
GPS CORRECTED LOCATION: LAT. \_\_\_\_\_ LONG. \_\_\_\_\_

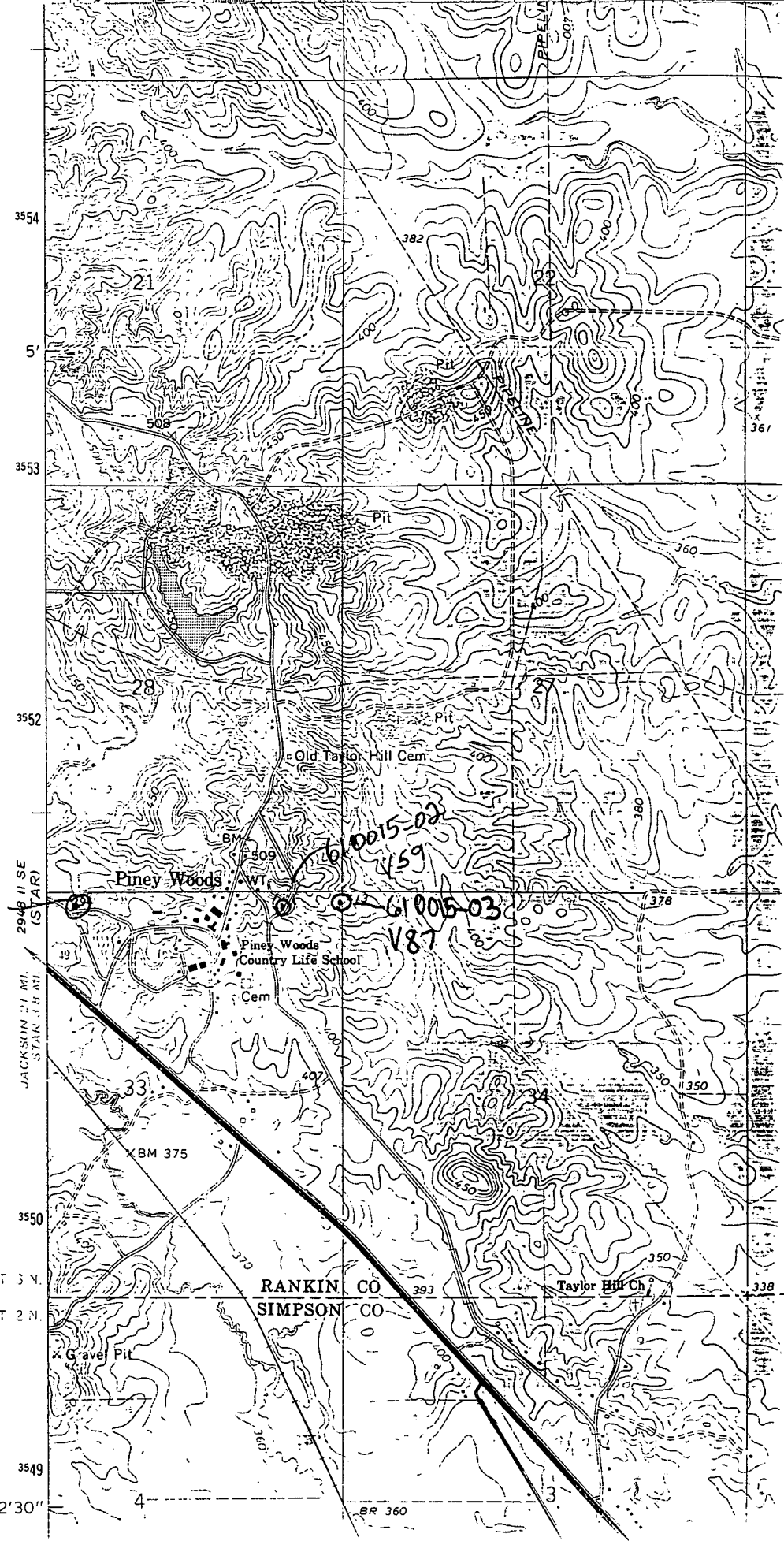
REMARKS: 601-845-2214

Picture P000698

32° 3' 48.46" 89° 59' 14.64"

MW





610015-01  
no USGS  
4

610015-02  
V59

610015-03  
V87

JACKSON 21 MI. S  
STAR 18 MI. W  
2948 HISE

3554  
5'  
3553  
3552  
3550  
3549  
2'30"

RANKIN CO  
SIMPSON CO

Taylor Hill Ch

Piney Woods

Piney Woods  
Country Life School

Cem

Old Taylor Hill Cem

BM 375

BR 360