

**WELL SCHEDULE
FOR
THE OFFICE OF LAND AND WATER RESOURCES**

Fips: 145

Well: 680

Log No: _____

Recorded by: PPhillips Data Source: Drillers log Date: 6/23/99

County: Union Permit No.: GW15269 DOH No.: 730006-08

Quad: Myrtle Elevation: 382

1/4: NW 1/4: NW 1/4: SW 1/4: NE Sec.: 1 T: 7S R: 2E

Plotted on quad?: In field? From drillers log? _____ From permit? _____

Latitude: 34° 30' 27.1" Longitude: 89° 02' 36.1" GPS? From quad? _____

Primary Aquifer: FUTW Secondary Aquifer: _____

Use: MU Well status: Active Local Well Name: _____

Owner: City of New Albany

Date completed: 10/6/98 Driller: Herndon Well & Supply Well depth: 1124' Hole depth: 1125'

Pump type: Turbine Power type: Electric Pump capacity: 524 gpm

Screen interval: (-630' to -742)
1012 - 1124 Screen length: 112' Screen diameter: 8"

Screen interval: _____ Screen length: _____ Screen diameter: _____

Casing interval: (382 to -620)
0 - 1002 Casing length: 1002' Casing diameter: 12"

Casing interval: (-566 to -630)
948 - 1012 Casing length: 64' Casing diameter: 8"

Type of logs: _____ Log interval: _____

Initial water level(l/s): _____ Date: _____ Measuring point description: _____

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
Bureau of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED UNION		PERMIT NUMBER
WELL NUMBER G-80	CODED	NAME OF DRILLING FIRM HERNDON WELL & SUPPLY
DATE WELL COMPLETED 10/06/98		LOCATION SHANNON, MS

NAME & MAILING ADDRESS OF LANDOWNER CITY OF NEW ALBANY		
WATER DEPT NEW ALBANY, MS		
WELL LOCATION: SEC	TOWNSHIP	RANGE
1	7	N 2 E
DISTANCE	DIRECTION	NEAREST TOWN
	Inside city limits	
OTHER LANDMARK Glenfield Exit		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, Turbine , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P 100		
Pump Capacity (GPM) 524	No. of Stages 12	Setting Depth 400 FT.
PUMP TEST Well yielded 524 GPM with a drawdown of 146 ft. after 8 hours of pumping		

WELL DATA		
Well Depth 1124'	Casing Diameter (In.) 12	Casing Length (Ft.) 1002
Type of Casing Steel	Hole Depth 1125'	Depth to Static Water Level 212
TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing 948 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric , Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log MS OFFICE OF GEOLOGY	

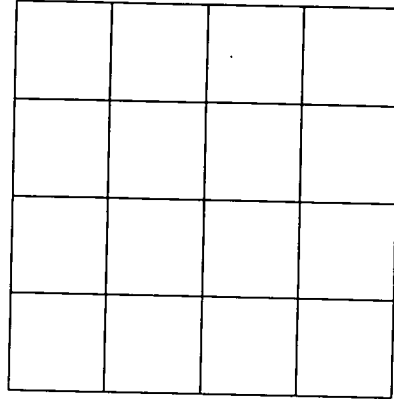
SCREEN DATA		
Diameter - Inches 8	Length - Feet 11128	Slot Size - Inches .020
Screen Type SS Ribbed	Depth to Bottom - Feet 1124	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Auger Test
Driller's Remarks NOV 30 1998			
Dept. of Environmental Quality Office of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
RED CLAY	0	25	Sand & Strkd Clay	985	1012
Hard Clay & Shale	25	125	Sand	1012	1133
Shale, Sand & Clay	125	210	White Rock	1133	1149
Shale & Clay	210	335	Rock @ 114', 115', 140', 150',		
Sand & Clay	335	390	160', 880', 918', 985'		
Sandy Clay, Limerock	390	790			
Sand	790	840			
Clay	840	850			
Sandy Clay	850	865			
Clay	865	918			
Sand	918	925			
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: 6/9/99

UNIT DEQ #: _____ FILE #: B060918A

HEALTH DEPT. #: 730006-08 No tag ELEV.: 382

USGS #: 680 OLWR #: GW15269

OWNER: New Albany QUAD: Myrtle

LOCATION: SW/NE S 1 T 7S R 2E COUNTY: Union

LOCATION DESCRIPTION: On west side of Hwy 78 interchange
in fenced area

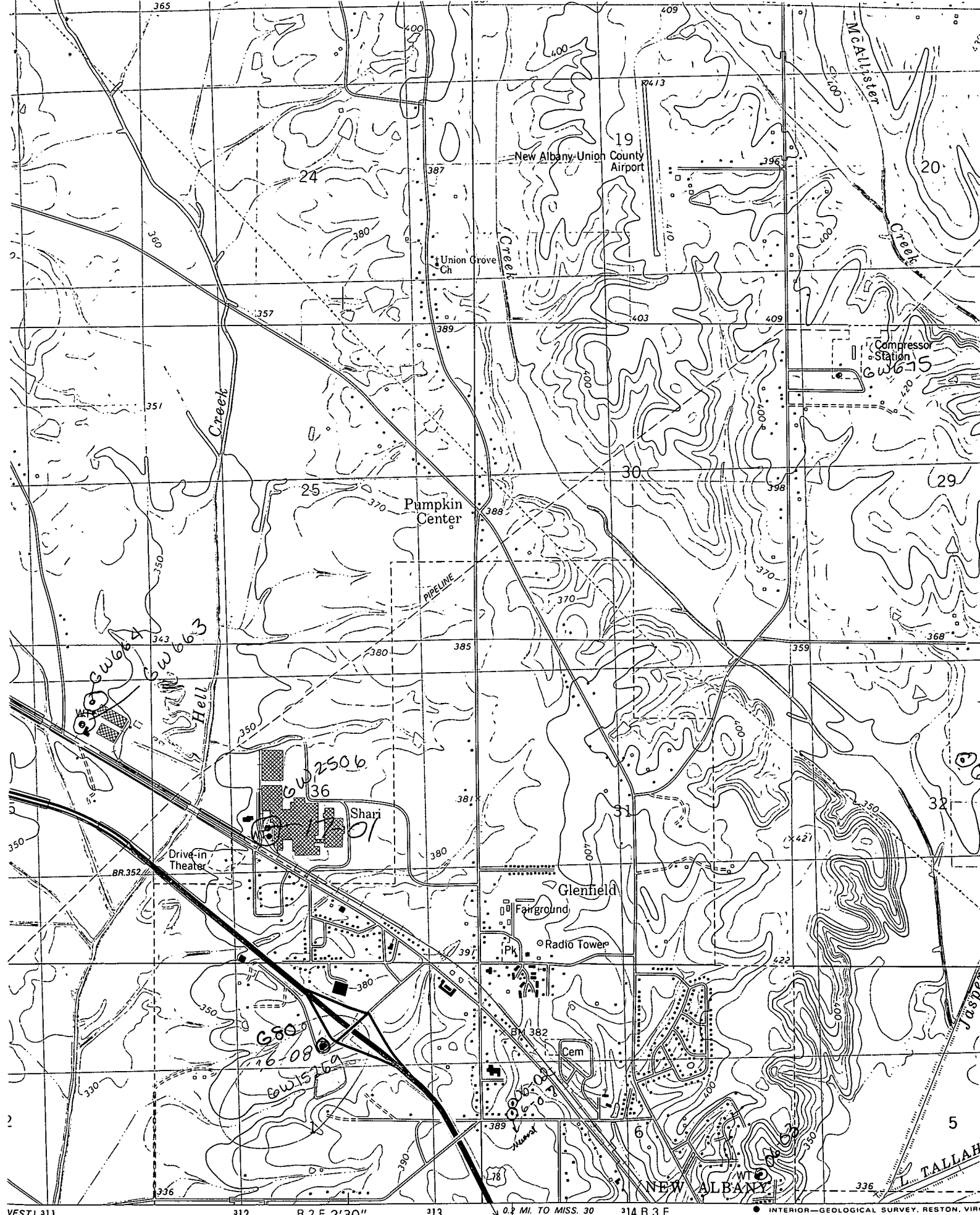
CASING DIAM: _____ PUMP TYPE AND SIZE: Turbine

GPS FIELD LOCATION: LAT: 34° 30' 26.2" LONG: 89° 02' 34.3"

GPS CORRECTED: LAT: 34.507533 LONG: 89.043362

REMARKS: GPS d 25' from well

P271



0.2 MI. TO MISS. 30 TUPELO 25 MI. INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRG



ROAD CLASSIFICATION
 Primary highway, hard surface
 Light-duty road improved surf