

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED
VALOBUSSA

WELL NUMBER **2** CODED

B-40

DATE WELL COMPLETED
8/16/03

PERMIT NUMBER
MF-G10 F1 5987

NAME OF DRILLING FIRM
PIPE WELL & SUPPLY CO

POPE, MS. 38658

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

NAME & MAILING ADDRESS OF LANDOWNER
U.S.A.C.E.

END LAKE, MS.

Latitude: **340831 N**
Longitude: **89 4549 W**

WELL LOCATION. SEC **7** TOWNSHIP **11 N** RANGE **5 E**

DISTANCE **7** MILES DIRECTION **W** NEAREST TOWN **Water Valley**

OTHER LANDMARK **WATER VALLEY BOAT LANDING #2**

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
Camp Ground Supply

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 **5**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Top soil	0	20
Sand - pea gravel	20	50
Sand	50	88
Soft clay	88	105
Sandy clay	105	140
Sand & clay bands	140	200
Sand	200	245
Sand - lignite	245	305
Soft clay	305	345
Hard clay	345	480
Soft fine sand	480	510
Hard clay	510	538

WELL DATA

Well Depth **512** Casing Diameter (In.) **8"** Casing Length (Ft.) **480**

Type of Casing **Stainless** Hole Depth **538** Depth to Static Water Level **85' 11"**

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

WELL GROUTED TO A DEPTH OF **480** FEET
Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

Diameter - Inches **4"** Length - Feet **25** Slot Size - Inches **.020"**

Screen Type **SS Wire Wrap** Depth to Bottom - Feet **508'**

RECEIVED

SEP 09 2003

BY: OLWR

Top of Lap Pipe or Reduction in Casing
420' FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

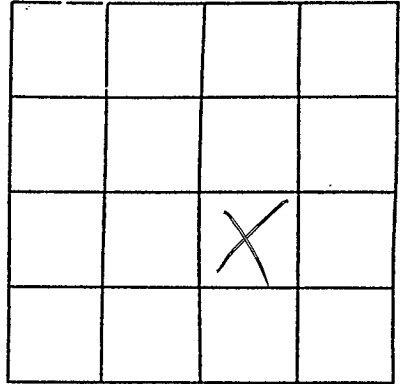
I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Larry Pope 0-01
Signature of Licensed Driller and License No.

9/3/03
Date

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 7

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth
40	12	252 FT.
PUMP TEST		
Well yielded <u>40</u> GPM with		
a drawdown of <u>119</u> ft.		
after <u>24</u> hours of pumping		

LOG DATA

TYPE OF LOG RUN (Circle One): Electric Gamma Ray Density, Sonic, Neutron, Other (Describe) _____

Name of Organization Running Log

MGS

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

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