

22-4672

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

COUNTY WELL LOCATED
EAST Lowndes
 WELL NO. **H 40**
 DATE WELL COMPLETED
10-18-90

H 40
 PERMIT NUMBER
 NAME OF DRILLING FIRM
Layne - Central Co.
Cleveland, MS

P.O. Box 10631
 Jackson, Mississippi 39209
 WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER
EAST Lowndes Water Assn
P.O. Box 9190
Columbus, MS 39705

WELL LOCATION: SEC 23 TOWNSHIP 18 RANGE 17
 DISTANCE 4 Miles EAST of Columbus
 OTHER LANDMARK
AT pumping station
 WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
RURAL WATER 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 25

Pump Capacity (GPM) 500 No. of Stages 4 Setting Depth 205 FT.

PUMP TEST
 Well yielded 417 GPM with
 a drawdown of 33' 10" ft.
 after 5 hours of pumping

WELL DATA

Well Depth 464'	Casing Diameter (In.) 10	Casing Length (Ft.) 398'
Type of Casing Steel	Hole Depth 469'	Depth to Static Water Level 122'

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

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

LOG DATA

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

Name of Organization Running Log
Miss. Bureau of Geology

SCREEN DATA

Diameter - inches 6	Length - Feet 60	Slot Size - inches .025
Screen Type ST. Steel	Depth to Bottom - Feet 4"	

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL			

Driller's Remarks

APR 05 1991

Dept. of Environmental Quality
 Bureau of Land & Water Resources

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	49	Sand	430	464
Sandy Clay	49	110	Clay	464	469
STks. of Fine Sand & Shale	110	185			
Sand & STks of Clay	185	247			
Clay	247	276			
Hard Clay	276	349			
STks. of Sand w/Clay	349	368			
Coarse Sand	368	381			
Clay	381	388			
Sand - cut good	388	427			
Clay	427	430			

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.

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED	
Lowndes	22-4672
WELL NUMBER	CODED
H40	
DATE PERMIT COMPLETED	
16-18-90	

PERMIT NUMBER	
NAME OF DRILLING FIRM	
Layne - Central	
Cleveland, MS	

NAME & MAILING ADDRESS OF LANDOWNER		
EAST Lowndes Water Assn.		
P.O. Box 9190		
Columbus, MS 39705		
WELL LOCATION: SEC	TOWNSHIP	RANGE
23	18 S	17 W
DISTANCE	DIRECTION	NEAREST TOWN
Miles _____ of _____		
OTHER LANDMARK		
AT pumping station		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.		
Rural Water Supply		

PUMP DATA		
PUMP TYPE (Circle One):		
Submersible, Other (Describe)	<u>Turbine</u>	Jet Flowing Well,
POWER TYPE (Circle One):		
<u>Electric</u>	Tractor, Diesel, Gasoline, Butane, Other (Describe)	H/P <u>25</u>
Pump Capacity (GPM)	No. of Stages	Setting Depth
250	4	10 FT.
PUMP TEST		
Well yielded <u>250</u> GPM with		
a drawdown of <u>28</u> ft.		
after <u>5</u> hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
464'	10	398
Type of Casing	Hole Depth	Depth to Static Water Level
ST. ST.	464'	122'
TYPE OF COMPLETION: (Circle One or More):		
<u>Gravel Packed</u>	<u>Underreamed</u>	Telescoped,
Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing		
_____ FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One):	
<u>Electric</u>	No Log Run, Gamma Ray, Density, Sonic, Neutron, Other (Describe)
Name of Organization Running Log	
MS Bureau of Geology	
GEOLOGIC DATA (Office Use Only)	
Surface Elev.	Geologic Unit
Subs. SW	Date
Analysis	Acquifer Test

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
6	60	.025
Screen Type	Depth to Bottom - Feet	
st. st.	6"	

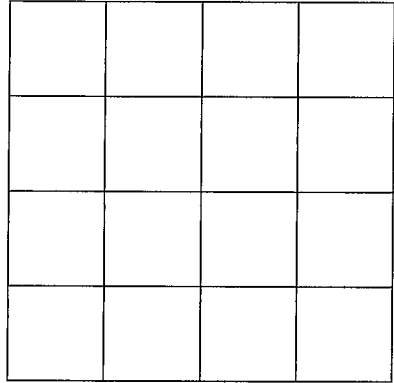
Driller's Remarks	SEP 26 1991
Dept. of Environmental Quality Bureau of Land & Water Resources	

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Sand (cut Good)	388	427			
Clay	427	430			

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GROUND LEVEL



SECTION _____

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ADDITIONAL INFORMATION

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