

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

Fips: 83

Well: H-40

Log No: _____

Recorded by: LW Data Source: PP Date: 1-5-2000

County: Lowndes Permit No.: GW 15889 DOH No.: 440005-01

Quad: _____ Elevation: 306

1/4: _____ 1/4: SW 1/4: NW 1/4: SW Sec.: 14 T: 18N R: 17E

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

Latitude: 332946 Longitude: 881736 GPS? _____ From quad? _____

Primary Aquifer: Gordo Secondary Aquifer: _____

Use: _____ Well status: _____ Local Well Name: _____

Owner: East Lowndes W.A.

Date completed: 10-18-90 Driller: Layne Central Well depth: 464' Hole depth: 469'

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

Screen interval: -92' - -152' Screen length: 60' Screen diameter: 6"

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

Casing interval: _____ Casing length: _____ Casing diameter: _____

Casing interval: _____ Casing length: _____ Casing diameter: _____

Type of logs: _____ Log interval: _____

Initial water level(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

22-4672

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

WATER WELL DRILLERS LOG

WELL NUMBER: ~~44~~ **H-40**

PERMIT NUMBER: **40**

NAME OF DRILLING FIRM: **Layne-Central Co.**

DATE WELL COMPLETED: **10-18-90**

CLEVELAND, MS

GWO1859 P.O. Box 10631
Jackson, Mississippi 39209

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

WELL LOCATION: SEC TOWNSHIP RANGE
SW NW SW 23 14 18 N 17 E

DISTANCE DIRECTION NEAREST TOWN
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)	No. of Stages	Setting Depth
500	4	205 FT.

PUMP TEST

Well yielded **417** GPM with
a drawdown of **33' 10"** ft.
after **5** 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
Steel	469'	122'

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
332 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
Miss. Bureau of Geology

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
6	60	.025

Screen Type	Depth to Bottom - Feet
ST. STEEL	4"

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

RECEIVED

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
STRs. OF FINE SAND & SHALE	110	185			
SAND & STRs OF CLAY	185	247			
CLAY	247	276			
HARD CLAY	276	349			
STRs. 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

10-22-91
Held 131.0
Cut 12.5
MP 2.5
WP 116.0

HP # 440005-01

ELEV. -306'
LAT. 33° 29' 46"
LONG. 88° 17' 36"

Gord.

22-4672

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

COUNTY WELL LOCATED
EAST Lowndes

WELL NUMBER **44** COPIED

DATE WELL COMPLETED
10-18-90

PERMIT NUMBER
A40

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 S E W

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	Date	Analysis	Sp. Gravity Test

Driller's Remarks

RECEIVED

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
STRs. of Fin. Sand & Shale	110	185			
Sand & STRs of Clay	185	247			
Clay	247	276			
HARD CLAY	276	349			
STRs. 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

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

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

WELL LOCATED AT	22-4672
WELL NUMBER	40
PERMIT NUMBER	
NAME OF DRILLING FIRM	Layne - Central
DATE WELL COMPLETED	10-18-90
	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, Turbine Jet Flowing Well,
Other (Describe) _____

POWER TYPE (Circle One):
Electric Tractor, Diesel, Gasoline, Butane,
Other (Describe) _____ H/P 25

Pump Capacity (GPM)	No. of Stages	Setting Depth
<i>250</i>	<i>4</i>	<i>10</i> FT.

PUMP TEST

Well yielded _____ *250* GPM with
a drawdown of _____ *28* ft.
after _____ *5* hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<i>464'</i>	<i>10</i>	<i>398</i>
Type of Casing	Hole Depth	Depth to Static Water Level
<i>st. st.</i>	<i>464'</i>	<i>122'</i>

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

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): No Log Run,
Electric Gamma Ray, Density, Sonic, Neutron,
Other (Describe) _____

Name of Organization Running Log

MS Bureau of Geology

GEOLOGIC DATA (Office Use Only)

Surface Elevation	Depth to Top
Subs. SW	Analysis

Driller's Remarks *SEP 26 1991*

Dept. of Environmental Quality
Bureau of Land & Water Resources

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
<i>6</i>	<i>60</i>	<i>.025</i>
Screen Type	Depth to Bottom - Feet	
<i>st. st.</i>	<i>6"</i>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FORMATIONS (Continued)		FROM	TO
	FROM	TO		
<i>Clay</i>	<i>0</i>	<i>49</i>	<i>Sand</i>	<i>430 464</i>
<i>Sandy Clay</i>	<i>49</i>	<i>116</i>	<i>Clay</i>	<i>464 469</i>
<i>STKS. of Fine Sand/Shale</i>	<i>110</i>	<i>185</i>		
<i>Sand & STKS. of Clay</i>	<i>185</i>	<i>247</i>		
<i>Clay</i>	<i>247</i>	<i>276</i>		
<i>Hard Clay</i>	<i>276</i>	<i>349</i>		
<i>STKS. of Sand/clay</i>	<i>349</i>	<i>368</i>		
<i>Coarse Sand</i>	<i>368</i>	<i>381</i>		
<i>Clay</i>	<i>381</i>	<i>388</i>		
<i>Sand (cut Good)</i>	<i>388</i>	<i>427</i>		
<i>Clay</i>	<i>427</i>	<i>430</i>		

IF MORE SPACE IS NEEDED, USE BACK

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

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

WELL LOCATED <i>INDEX</i>	22-4672
WELL NUMBER <i>40</i>	PERMIT NUMBER
CODED	NAME OF DRILLING FIRM <i>Layne - Central</i>
DATE WELL COMPLETED <i>10-18-90</i>	<i>Cleveland, MS</i>

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, Turbine Jet Flowing Well,
Other (Describe) _____

POWER TYPE (Circle One):
Electric Tractor, Diesel, Gasoline, Butane,
Other (Describe) _____ H/P 25

Pump Capacity (GPM) <i>250</i>	No. of Stages <i>4</i>	Setting Depth <i>10</i> FT.
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PUMP TEST
Well yielded _____ *250* GPM with
a drawdown of _____ *28* ft.
after _____ *5* hours of pumping

WELL DATA

Well Depth <i>464'</i>	Casing Diameter (In.) <i>10</i>	Casing Length (Ft.) <i>398</i>
Type of Casing <i>ST. ST.</i>	Hole Depth <i>464'</i>	Depth to Static Water Level <i>122'</i>

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

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):
Electric 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 Elevation _____	Depth to Top _____
Subs. SW _____	Date _____
Analysis _____	Aquifer Test _____

Driller's Remarks **SEP 26 1991**

Dept. of Environmental Quality
Bureau of Land & Water Resources

SCREEN DATA

Diameter - Inches <i>6</i>	Length - Feet <i>60</i>	Slot Size - Inches <i>.025</i>
Screen Type <i>st. st.</i>	Depth to Bottom - Feet <i>6"</i>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FORMATIONS (Continued)		FROM	TO
	FROM	TO		
<i>Clay</i>	<i>0</i>	<i>49</i>	<i>Sand</i>	<i>430 464</i>
<i>Sandy Clay</i>	<i>49</i>	<i>116</i>	<i>Clay</i>	<i>464 469</i>
<i>STKS. of Fine Sand/Shale</i>	<i>110</i>	<i>185</i>		
<i>Sand & STKS. of Clay</i>	<i>185</i>	<i>247</i>		
<i>Clay</i>	<i>247</i>	<i>276</i>		
<i>Hard Clay</i>	<i>276</i>	<i>349</i>		
<i>STKS. of Sand/clay</i>	<i>349</i>	<i>368</i>		
<i>Coarse Sand</i>	<i>368</i>	<i>381</i>		
<i>Clay</i>	<i>381</i>	<i>388</i>		
<i>Sand (cut Good)</i>	<i>388</i>	<i>427</i>		
<i>Clay</i>	<i>427</i>	<i>430</i>		

IF MORE SPACE IS NEEDED, USE BACK