

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

COUNTY WELL LOCATED
 Hancock
 WELL NUMBER **K-475** CODED
 DATE WELL COMPLETED **2-27-02**

PERMIT NUMBER
#0404 MS-GW-15571
NAME OF DRILLING FIRM
 Lyman Well Co.
6 GULFSPORT, MS 39503

Office of Land and Water Resources
 P. O. Box 10631
 Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER
 Hancock County Water
 + Sewer District
 3068 Longfellow Street
 Bay St. Louis, MO 39520
WELL LOCATION SEC 40 TOWNSHIP 8 N 14 E RANGE
DISTANCE _____ **DIRECTION** _____ **NEAREST TOWN** _____
 Miles _____ of _____
OTHER LANDMARK
 on East Street
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

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) <u>1200</u>	No. of Stages <u>3</u>	Setting Depth <u>80</u> FT.
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PUMP TEST
 Well yielded 1100 GPM with
 a drawdown of 23 ft.
 after 4 hours of pumping

WELL DATA

Well Depth <u>785</u>	Casing Diameter (In.) <u>16"</u>	Casing Length (Ft.) <u>700'</u>
Type of Casing <u>steel</u>	Hole Depth <u>787</u>	Depth to Static Water Level <u>3psi</u>

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

LOG DATA

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

Name of Organization Running Log
DEQ

WELL GROUTED TO A DEPTH OF 700 FEET
Type Grout (circle one) Cement, Bentonite, or Mix

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

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

SCREEN DATA

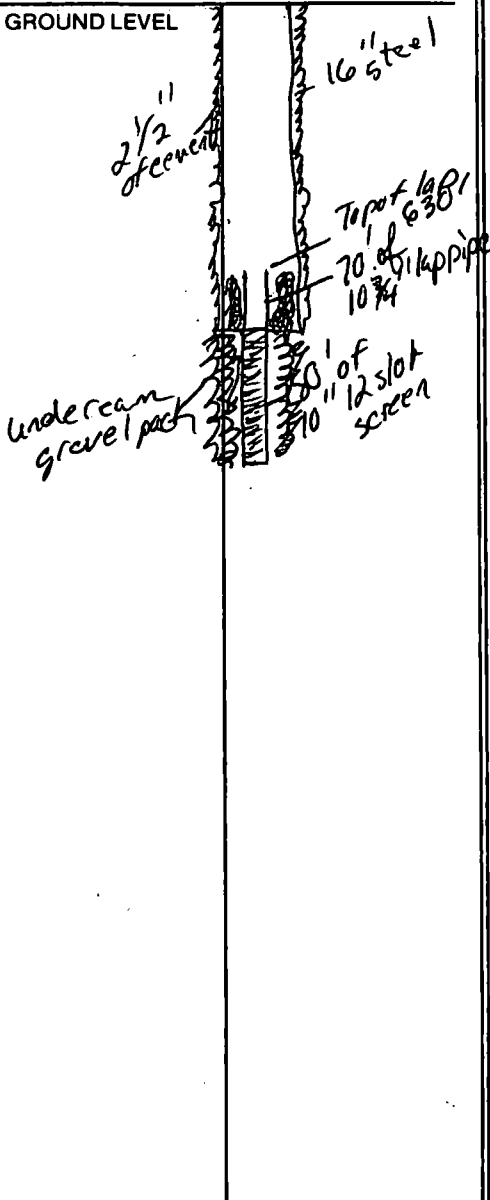
Diameter - Inches <u>10"</u>	Length - Feet <u>80'</u>	Slot Size - Inches <u>12</u>
Screen Type <u>SS wire wrap</u>		Depth to Bottom - Feet <u>785</u>

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)		
			FROM	TO	
Top sand	0	105			
clay	105	140			
grey sand	140	170			
fummy blue clay	170	305			
coarse sand	305	370			
blue clay	370	390			
coarse sand	390	415			
blue clay	415	490			
sand	490	510			
Hard blue clay	510	700			
uniform blue-grey sand	700	785			

RECEIVED
MAR 22 2002
BY: OLWR

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.