

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources



APR 05 1990
Box 10631
Jackson, Mississippi 39209

WATER WELL DRILLERS LOG
Department of Natural Resources

COUNTY WELL LOCATED
SUNFLOWER

WELL NUMBER R 173 CODED

DATE WELL COMPLETED
2-30-90

PERMIT NUMBER _____

NAME OF DRILLING FIRM
J & K IRRIGATION

NAME & MAILING ADDRESS OF LANDOWNER
BEAR CREEK FARMS

P.O. Box 646

MOOTHEAD, MS. 38761

WELL LOCATION: SEC _____ TOWNSHIP _____ RANGE _____
36 T18 N 8 R3 W

DISTANCE _____ DIRECTION _____ NEAREST TOWN _____
4 1/2 Miles NE of MOOTHEAD

OTHER LANDMARK _____

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
FISH HATCHERY

PUMP DATA

PUMP TYPE (Circle One):
 Submersible, Turbine, Jet, Flowing Well,
Other (Describe) _____

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

Pump Capacity (GPM)	No. of Stages	Setting Depth
<u>80</u>	<u>10</u>	<u>105</u> FT.

PUMP TEST

Well yielded 80 GPM with
a drawdown of 74 ft.
after 24 hours of pumping

WELL DATA

Well Depth <u>1427</u>	Casing Diameter (In.) <u>4" x 2 1/2"</u>	Casing Length (Ft.) <u>1397</u>
Type of Casing <u>Steel</u>	Hole Depth <u>1440</u>	Depth to Static Water Level <u>Above Fr.</u>

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
4"-216
2 1/2"-1187 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 _____

SCREEN DATA

Diameter - Inches <u>2 1/2</u>	Length - Feet <u>30</u>	Slot Size - Inches <u>.010</u>
Screen Type <u>S. Steel</u>	Depth to Bottom - Feet <u>1427</u>	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
PUMP APPROX. 100
EPm. WITH AIR
COMPRESSOR

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
TOP SOIL & CLAY	0	26	CLAY & ROCK	810	982
SAND	26	47	SAND & ROCK	982	1064
SAND & GRAVEL	47	142	CLAY & ROCK	1064	1261
CLAY	142	168	SAND & CLAY	1261	1338
SAND	168	202	SAND	1338	1440
CLAY	202	261			
SAND	261	336			
CLAY	336	490			
SHELL	490	680			
CLAY	680	760			
SAND	760	810			

IF MORE SPACE IS NEEDED, USE BACK

