

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

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

COUNTY WELL LOCATED JONES		PERMIT NUMBER
WELL NUMBER C180	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM A-1 DRILLING SERV, INC.
DATE WELL COMPLETED AUG 1991		LAUREL, MS 39440

NAME & MAILING ADDRESS OF LANDOWNER WAYNE FARMS, A DIV. OF CONTINENTAL GRAIN CO.		
LAUREL, MS		
WELL LOCATION: SEC	TOWNSHIP	RANGE
NE, NW, NW 14	9	11 W
DISTANCE	DIRECTION	NEAREST TOWN
6 1/4 Miles	NE	LAUREL
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, <u>Industrial</u> , Fish Pond, etc.		

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible Turbine Jet Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric Tractor Diesel Gasoline Butane, Other (Describe) 7 1/2 H/P 460 V 3Ø		
Pump Capacity (GPM)	No. of Stages	Setting Depth
66 @ 300'	18	168 FT.
PUMP TEST		
Well yielded 65 GPM with a drawdown of 29 ft. after 6 hours of pumping		

WELL DATA G.L.		
Well Depth 835'	Casing Diameter (In.) 5	Casing Length (Ft.) 785'
Type of Casing Epoxy coated steel	Hole Depth 836'	Depth to Static Water Level 96'
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, <input checked="" type="checkbox"/> Natural Development, Open Hole, Other		
Top of Lap Pipe or Reduction in Casing 746 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input checked="" type="checkbox"/> Electric <input checked="" type="checkbox"/> Gamma Ray Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log MS BUREAU OF GEOLOGY	

SCREEN DATA		
Diameter - Inches 3" ID	Length - Feet 46	Slot Size - Inches .005
Screen Type Borweld Steel		Depth to Bottom - Feet 834

GEOL		
Surface Elev. 260'	Analysis	Acq
Driller's Remarks SEP 06 1991		
Dept. of Environmental Quality Bureau of Land & Water Resources		

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay, tan-yellow-gray, hard	0	1	clay, gray, sandy	214	223 1/2
Rotten stump	1	2	Rock, v. hard	223 1/2	226
Clay, tan, hard	2	13	clay, sandy clay, green	226	233
Clay, sandy, sand	13	16	Sand	233	258
Clay, tan, brittle, hard	16	21	Clay, dark gray	258	270
Clay, v. hard, greenish gray	21	49	" " " " hard	270	277
Clay, soft, crumbly	49	51	Sand	277	280
Clay, dark gray	51	61	Rock ledges, marl, hard		
Clay, sandy, dark gray	61	83	limestone streaks	280	317
Clay, dark gray	83	135	chalky limestone, hard		
Sand, med to coarse	135	214	streaks	317	332