

# MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

COUNTY WELL LOCATED  
**OkTibbeha**

WELL NUMBER **9 G43** CODED

DATE WELL COMPLETED  
**10/12/90**

PERMIT NUMBER **GW-12215**

NAME OF DRILLING FIRM  
**Herndon Well & Supply**

**Shannon, MS 38868**

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

NAME & MAILING ADDRESS OF LANDOWNER  
**City of Starkville**

**Water Department**

**Starkville, MS**

WELL LOCATION: SEC 10 TOWNSHIP 18 N RANGE 14 E W

DISTANCE Inside city limits MILES DIRECTION of NEAREST TOWN

OTHER LANDMARK  
**Academy Road**

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

**PUMP DATA**

PUMP TYPE (Circle One): **200 HP**  
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
1181	14	302 FT.

PUMP TEST

Well yielded 1181 GPM with a drawdown of 42 ft. after 24 hours of pumping

**WELL DATA**

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1455.90	16	1337

Type of Casing	Hole Depth	Depth to Static Water Level
Steel	1504	182'5"

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  
**1248 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  
**Herndon Well & Supply, Inc.**

**SCREEN DATA**

Diameter - Inches	Length - Feet	Slot Size - Inches
.10	123.50	.020

Screen Type **SS Ribbed** Depth to Bottom - Feet **1455.90**

**GEOLOGIC DATA (Office Use Only)**

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date <b>DEC 31 1990</b>	Analysis	Acid Test

Driller's Remarks **DEC 31 1990**

**Department of Natural Resources  
Bureau of Land & Water Resources**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Black Sandy Clay	0	15	Rock 4"		890
Limerock	15	670	Blue Clay	890	921
Sand	670	675	Rock 2"		921
Rock 2"		675	Sand	921	928
Sand & Gray Clay Strks	675	714	Rock 2"		928
Rock 4"		714	Sand & Clay Streaks	928	1008
Sand & Gray Clay Strks	714	749	Hard Blue Shale	1008	1048
Rock 6"		749	Blue Clay/few Sand Strk	1048	1140
Sand & Gray Clay Strks	749	784	Rock 8"		1140
Rock 6"		784	Clay & Sand Streaks	1140	1165
Sand & Clay Streaks	784	890	Pink Gumbo		1165

IF MORE SPACE IS NEEDED, USE BACK

1456  
12/31/90  
1332.5

(over)

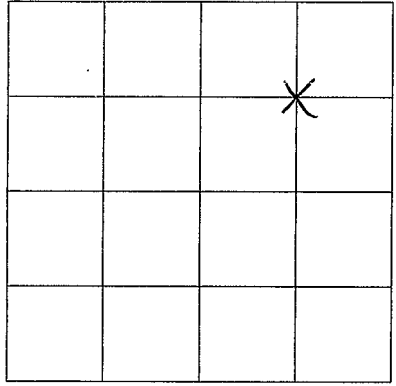
If well telescopes please sketch and show depths.

GROUND LEVEL



Top of Lap  
1248'

Top of Screen  
1332'



SECTION 10

Please indicate well location X.

ADDITIONAL INFORMATION

Blue Clay	1165 - 1170
Sand	1170 - 1204
Blue Clay	1204 - 1231
Sand	1231 - 1255
Blue Clay	1255 - 1272
Sand	1272 - 1290
Pink Gumbo	1290 - 1327
Sand	1327 - 1465
Pink Gumbo/Sand Strk	1465 - 1500
Rock 2"	1500
Pink Gumbo/Sand Strk	1500 - 1504

If more than one screen,  
show location of each on sketch.