

WARREN  
M23  
8-13-82  
Elog #176

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES  
Bureau of Land and Water Resources  
Southport Mall  
P.O. Box 10631  
Jackson, Mississippi 39209  
WATER WELL DRILLERS LOG

13 Aug 1982 date well completed  
H. Gate Explorations, Inc firm name  
Warren county well located

LANDOWNER: USAE WES

P.O. Box 631

Vicksburg Ms 39180  
(mailing address)

WELL LOCATION:

sec. 13 T. 15 N R. 3 E  
Wes Reservation, Vicksburg Ms  
(distance) miles (direction) of (nearest town)

WELL PURPOSE: Industrial  
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

- (1) diameter (inches) 8" / 6"
- (2) total depth (feet) 284
- (3) static water level (feet) 109 below top of ground.
- (4) casing PVC 207  
(material) (depth)  
4" (size) If telescope see back.
- (5) screen 20 ft, 207  
(length) (depth to top)  
2" Stainless Steel  
(size) (material)
- (6) pump 1 1/2 10  
(HP) (yield gpm)  
220 V 1 φ  
(type power)
- (7) electric log yes  
(yes or no)  
Bureau of Geology  
(organization running log)
- (8) how well bottom plugged  
PVC check valve

description of formations encountered

from

to

Clayey silt	0	19
Sandy silt	19	73
Sand, gravel, clay	73	90
Sandstone shell	90	111
Glendon limestone	111	150
Sand clay shells	150	160
Clayey silt	160	169
Clay	169	205
Silty v. fine sand	205	235
Clay	235	250
v. fine silty sand	250	260
Conn	260	284

DEPT. OF NATURAL RESOURCES  
BUREAU OF LAND & WATER RESOURCES

AUG 18 1982

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DRILLERS REMARKS:

1

If well telescopes please sketch and show depths.

GROUND LEVEL

Hole drilled mud rotary

4" Sched 40 PVC casing

207'

2" Johnson 0.006  
Stainless Steel Screen

217'

2" PVC Pipe

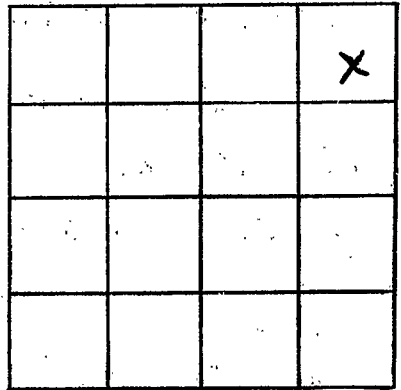
222'

2" Johnson 0.006  
Stainless Steel screen

232'

Bottom of well

Bottom of hole — 284'



SECTION 13

Please indicate well location X.

ADDITIONAL INFORMATION

Hole drilled 4" dia 284'  
deep mud rotary, no  
additives used.

Hole reamed 8" dia to  
190 ft 6" dia 190' to  
240'

Shovel pecker set at 195'  
sand backfill 195-197'  
Sand Portland Cement  
grout ground surface  
to 175 ft  
Top finished w/ 4" x 4"  
x 1/4" slab

Probable Form

0-19 Loess

19-73 Loess? / Pseudotuffaceous?

73-90 Pseudotuffaceous? / Micaceous?

90-111 Buckatuna

111-150 Glendon L.S.

150-169 Mint Spring

169-260 Forest Hill

260-284 Yazoo Clay

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