DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
CITY OF MEMPHIS,
MEMPHIS LIGHT, GAS AND WATER DIVISION

WATER-RESOURCES INVESTIGATIONS
REPORT 90-4092
PLATE 1

EXPLANATION

DAVIS — MEMPHIS LIGHT, GAS AND WATER DIVISION WELL FIELD

200 — LINE OF EQUAL THICKNESS OF THE JACKSON-UPPER CLAIBORNE CONFINING UNIT--Dashed where approximately located. Interval 50 feet

161 / 30 — WELL FOR WHICH GEOPHYSICAL LOG WAS USED AS CONTROL--Upper number is thickness of confining unit in feet. Lower number is aggregate thickness of clay beds in the confining unit thicker than 10 feet

Sh:O-115 — 268 / 205 — WELL REFERRED TO IN TEXT

0 5 MILES
0 5 KILOMETERS

89°45'
90°15'
35°15'
35°

TIPTON CO
SHELBY CO
ARKANSAS
TENNESSEE
Mississippi River
Loosahatchie River
Wolf River
Nonconnah Creek
I-40
I-55
I-240
MORTON
McCORD
MALLORY
SHEAHAN
AVEN
DAVIS
LICHTERMAN
SHAW
ARKANSAS
TENNESSEE
MISSISSIPPI
SHELBY CO
DESOTO CO
FAYETTE CO
MARSHALL CO

Sh:T-18
Sh:O-115
Sh:O-184
Sh:K-141
Sh:K-148
Sh:K-143
Sh:O-90
Sh:M-43
Sh:M-17
Ms:C-17

Approximate eastern limit of the Jackson-upper Claiborne confining unit

Base from U.S. Geological Survey
1:24,000 and Mississippi River
Commission 1:62,500 quadrangles

Thickness of the Jackson-upper Claiborne confining unit and aggregate thicknesses of clay beds in the confining unit thicker than 10 feet in the Memphis area, Tennessee.