92°00'
91°55'
91°50'
91°45'
30°25'
30°20'
30°15'
30°10'
T.9S.
T.10S.
R.5E.
R.6E.
R.7E.
Arnaudville
St. Landry P.
St. Martin P.
Cecilia
Bayou Teche
Nina
Henderson
Breaux Bridge
Lafayette
Lafayette P.
Parks
Catahoula
Broussard
Youngsville
St. Martinville
Lafayette R.
St. Martin P.
Iberia P.
-500
-600
-700
-800
-900
737
686
347
354
678
328
352
349
303
194
679
345
182
90
92
96
31
10
39
564
566
113
114
116
112
115
121
122
119
118
117
120
Area where basal Chicot aquifer is in contact with sands of the Evangeline aquifer

EXPLANATION

—600—
Structure contour
Showing altitude of top of basal unit of Chicot aquifer. Contour interval 50 feet. Datum is mean sea level

Area where basal unit of the Chicot aquifer contains soft water. Shaded where salty in lower part.

Area where basal unit of the Chicot aquifer contains hard water.

Area where basal unit of the Chicot aquifer contains salty water.

Approximate limit of area where Chicot aquifer is separated into two units

Control points

Oil or gas test hole

120 Test well
(Figure is parish well number)

Location of area in Louisiana

Figure 4. Configuration of the top of the basal unit of the Chicot aquifer