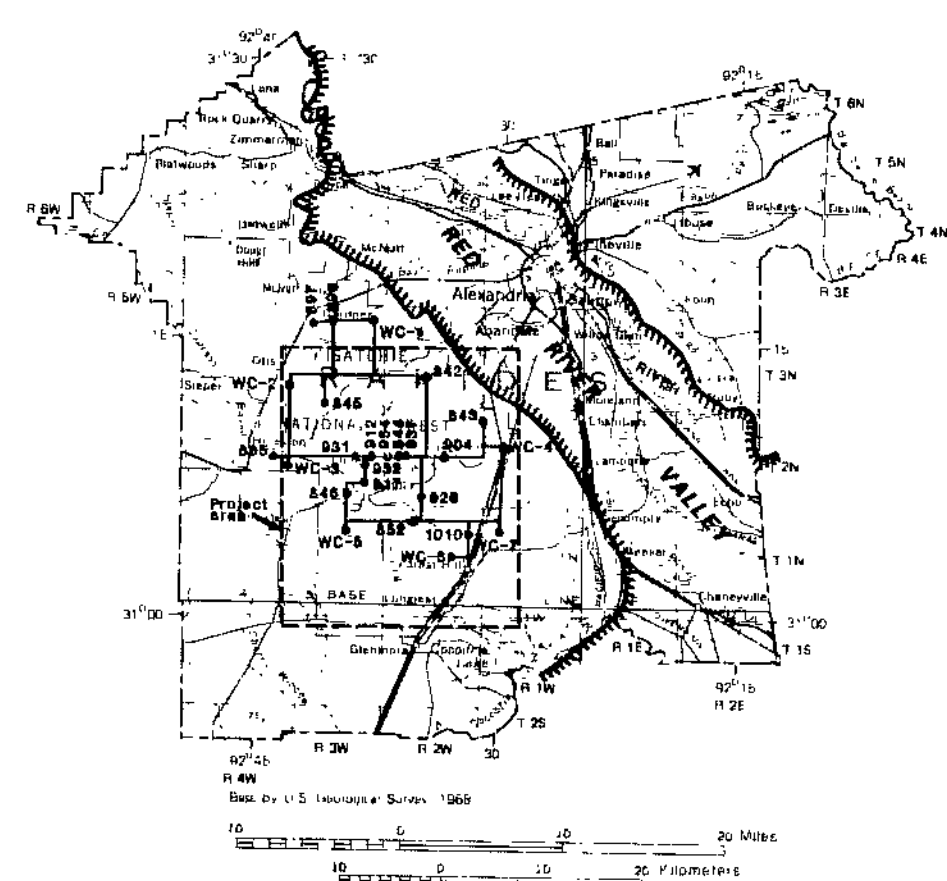


- WC-1 Beard Oil Co. DBA 8-2 No. 1
- WC-2 Harvey Schmidt John E. Ervine and other
- WC-3 Butler-Johnson Service Co. Heiland Inc. No. 1
- WC-4 Hunt Petroleum Corp. Langston No. 1
- WC-5 California Co. Long Bell Petroleum Co. No. 1
- WC-6 Hunt Oil Co. B. E. Smith Estate No. 1
- WC-7 Kirby Petroleum Co. DeBates No. 1



**EXPLANATION**

<p>Platistocene</p> <p>Miocene and Pliocene (T)</p> <p>Miocene</p> <p>Oligocene</p>	<p style="text-align: center;">TERRACE DEPOSITS</p> <p style="text-align: center;">Blounts Creek Member</p> <p style="text-align: center;">Castor Creek Member</p> <p style="text-align: center;">Williamson Creek Member</p> <p style="text-align: center;">Dough Hills Member</p> <p style="text-align: center;">Carnahan Bayou Member</p> <p style="text-align: center;">Lena Member</p> <p style="text-align: center;">Catahoula Formation</p> <p style="text-align: center;">Vicksburg Group, undivided</p>	<p>QUATERNARY</p> <p>TERTIARY</p>
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Clay, silt, or sand at the surface grading downward to sand and gravel. Yields soft water, low in iron concentration. Twenty-four municipal wells screened in these deposits.

Alternating sand and clay. Yields soft water to several wells in the well field.

Predominantly clay. However, contains some sand. Yields hard water to one of the municipal wells.

Alternating sand and clay. Yields soft water to several wells in the well field.

Predominantly clay. Not a source of fresh water in the well field.

Alternating sand and clay. Yields soft water to several wells in the well field.

Predominantly clay. Retards movement of salty water from the Catahoula Formation into overlying sands.

Alternating sand and clay. Contains salty water in the project area.

Predominantly clay. Not a source of fresh water in the project area.

Line indicating the base of fresh ground water

Zones containing saltwater-bearing sands above the base of fresh ground water

NGVD of 1928 -- National Geodetic Vertical Datum of 1928

PLATE 1. FENCE DIAGRAM SHOWING GEOLOGY OF THE PROJECT AREA, NEAR THE CITY OF ALEXANDRIA, RAPIDES PARISH, LOUISIANA.