DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

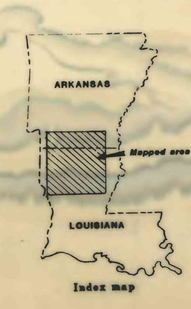
PREPARED IN COOPERATION WITH THE
UNITED STATES DEPARTMENT OF ENERGY

OPEN-FILE REPORT 80-2036
PLATE 1

Base from U.S Geological Survey 1:250,000 quadrangle series:
Alexandria, La., 1953 (revised 1973), Shreveport, La., 1955 (revised 1973),
El Dorado, Ark., 1953 (revised 1966), Greenwood, Miss., 1953 (revised 1965),
Jackson, Miss., 1955 (revised 1973), and Natchez, Miss., 1953 (revised 1973)

5 0 5 10 15 20 MILES
5 0 5 10 15 20 25 30 KILOMETERS

PLATE 1. MAP SHOWING ALTITUDE OF THE BASE OF FRESH GROUND WATER, NORTHERN LOUISIANA SALT-DOME BASIN AND VICINITY, NORTHERN LOUISIANA AND SOUTHERN ARKANSAS.



EXPLANATION

BASE OF FRESH GROUND WATER IN:

- Wilcox Group and Carrizo Sand
- Sparta Sand
- Cockfield Formation
- Miocene Formation
- No freshwater or freshwater limited to terrace and alluvial deposits

-100 — CONTOUR—Shows altitude of base of fresh ground water in indicated units. Contour interval 100 feet. National Geodetic Vertical Datum of 1929

Prices SALT DOME

APPROXIMATE BOUNDARY OF THE NORTHERN LOUISIANA SALT-DOME BASIN