UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
ARKANSAS GEOLOGICAL COMMISSION

WATER-SUPPLY PAPER 1857
PLATE 2

Miles from Grant -Hot Spring County line

12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30

Miles from Grant-Hot Spring County line

18 16 14 12 10 8 6 4 2 0 2 4 6 8 10

A

A′

B

B′

600′ 400′ 200′ SEA LEVEL 200′ 400′ 600′ 800′ 1000′ 1200′ 1400′ 1600′ 1800′ 2000′ 2200′ 2400′ 2600′ 2800′ 3000′

Sec. 19, T. 4 S., R. 16 W.

HOT SPRING COUNTY | GRANT COUNTY

GRANT COUNTY | JEFFERSON COUNTY

Stephens Production Co.
J. T. Kavanaugh 1
Sec. 18, T. 5 S., R. 14 W.

C. A. Lee
International Paper Co. 1
Sec. 2, T. 5 S., R. 14 W.

Sheridan public-supply
well 5S–13W–3dca4

Connelly and Froderman
Ashcroft 1
Sec. 21, T. 6 S., R. 12 W.

Well 5S–17W–22ddd2
Sec. 23, T. 5 S., R. 17 W.

Sec. 3, T. 6 S., R. 18 W.

Wallace and Staples
Davis 2
Sec. 23, T. 6 S., R. 15 W.

6S–15W–26ada
City of Leola
supply well

E. V. Martin
1 Parnell
Sec. 25, T. 6 S., R. 15 W.

Cockfield Formation
Cook Mountain Formation
Sparta Sand
Cane River Formation
Carrizo Sand
Wilcox Group
Midway Group
Arkadelphia Marl
Rocks of Late Cretaceous age undifferentiated
Rocks of Paleozoic age undifferentiated
Jackson Group

Base of fresh water
Fresh-water sand

EXPLANATION

Spontaneous potential millivolts
Resistivity ohm m²/m

20
200
20

Geologic contact
Dashed where approximate

HOT SPRING COUNTY
GRANT COUNTY
N
A
A′

VERTICAL SCALE GREATLY EXAGGERATED

GEOLOGIC SECTIONS *A*-*A′* AND *B*-*B′*, GRANT AND HOT SPRING COUNTIES, ARKANSAS

293-339 O - 68 (In pocket)