E

E′

1
Crose 9 Oxley
E 2 T20N–R14E
Rogers County
GR 716′

1.5

2
Fields 1 Downey
SE 25 T21N–R14E
Rogers County
GR 752′

7.2

3
WP II 6 Word
NW 24 T22N–R14E
Rogers County
GR 585′

7.6

4
Amvest 1-M Kittrel
SW 17 T23N–R14E
Washington County
GR 625′

5.5

5
PanOak 1 Bennett
SE 18 T24N–R14E
Washington County
GR 620′

7.0

6
Carter W-31-7
7 T25N–R14E
Washington County
GR ?

5.5

7
Sovereignty 7 Blackall
5 T26N–R14E
Washington County
GR 852′

6.6

8
Miracle 2 F. Lutz College
NW 2 T27N–R14E
Nowata County
GR 850′

5.9

9
Smith 1 Security Inv.
NE 5 T28N–R14E
Washington County
GR ?

4.6

10
Argali 1 Beck
15 T29N–R14E
Nowata County
GR 740′

GAMMA RAY BULK DENSITY NEUTRON

Fort Scott
DATUM:
Breezy Hill Ls.
Verdigris Ls.
Croweburg coal
Mineral coal
Weir–Pittsburg shale marker
Weir–Pittsburg coal
Inola Ls.
Keefton coal
Warner (Booch) Sandstone
Top of Mississippian
Base of Tiawah Limestone–shale marker
Tebo coal
Bluejacket coal
Base of Bluejacket (Bartlesville) SS
Rowe coal
Riverton coal lime
Formation
BASE OF
FORT SCOTT
Excello Shale
FORMATION
Anna Shale
Big lime
Nuyaka Creek Shale
Oakley Shale
Checkerboard
(TOP OF
Tebo coal
Weir–Pittsburg shale marker
(Bartlesville) Sandstone
Base of Bluejacket
Rowe coal
Top of Mississippian lime
Formation
EXCELLO
Iron Post coal
Bevier coal
Drywood coal
Rowe coal
Riverton coal
Nuyaka Creek Shale
Big lime
Anna Shale
Fort Scott
SHALE)
Mulky marker
Base of Tiawah Limestone–shale marker
Inola
Formation
Breezy Hill Ls.
Iron Post coal
Bevier coal
Verdigris Ls.
Oakley Shale
Tebo coal
Weir–Pittsburg shale marker
Limestone

PLATE 5

CROSS SECTION E–E′ (SOUTH TO NORTH) ACROSS CENTRAL PART OF NORTHEAST OKLAHOMA SHELF, SHOWING PENNSYLVANIAN STRATIGRAPHIC CORRELATIONS

By
LeRoy A. Hemish

2002

Explanation

E–E′	Stratigraphic section traverse; corresponds to location on inset index map
1	Log number shown on cross section; corresponds to number on inset index map
GR 853′	Elevation in feet above sea level at ground level
GR ?	Elevation above sea level not given on logs
●	Well symbol (status of well undetermined)
←7.3→	Distance in miles between wells (no horizontal scale). Depth in feet below ground level shown in vertical column between log curves
— — —	Lithologic boundary; dashed where inferred; line marks top of stratigraphic unit unless indicated otherwise
∿∿∿	Unconformity
	Logs are modified parts of originals kept on file at the Oklahoma Geological Survey Log Library