B

B′

1
Spess 1B Turkey Track
NW 30 T25N-R10E
Osage County
GR 872′

2
Perry 3 Price
NE 30 T25N-R11E
Osage County
GR 915′

3
VN 2A Burris
NE 34 T25N-R11E
Osage County
GR 863′

4
National Zinc 1-A Smith
SW 35 T25N-R11E
Osage County
GR 912′

5
Bruner 1-B Candy Creek
SE 30 T25N-R12E
Osage County
GR 780′

6
Chautauqua 1 Potts
SE 35 T25N-R12E
Washington County
GR 773′

7
Colpitt 2 Harris
SW 33 T25N-R13E
Washington County
GR 752′

8
CRC 1-84 Loriaux
NW 28 T25N-R14E
Washington County
GR 674′

9
Homestead 5 Landes
NE 25 T25N-R15E
Nowata County
GR ?

10
Callahan 3 Terrell
NE 10 T25N-R16E
Nowata County
GR 670′

11
Century 4 Rhinehart
NW 5 T25N-R17E
Nowata County
GR 650′

6.5 — 3.2 — 1.0 — 2.6 — 2.9 — 3.8 — 6.0 — 9.3 — 4.8 — 4.0

GAMMA RAY · BULK DENSITY · NEUTRON · DEPTH

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

Explanation

B–B′	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 872′	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

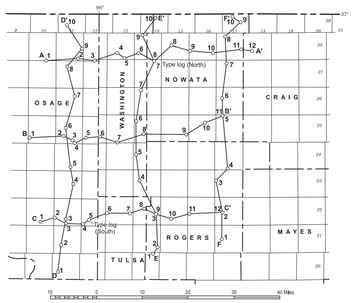

PLATE 2

CROSS SECTION B–B′ (WEST TO EAST) ACROSS CENTRAL PART OF NORTHEAST OKLAHOMA SHELF, SHOWING PENNSYLVANIAN STRATIGRAPHIC CORRELATIONS

By
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2002