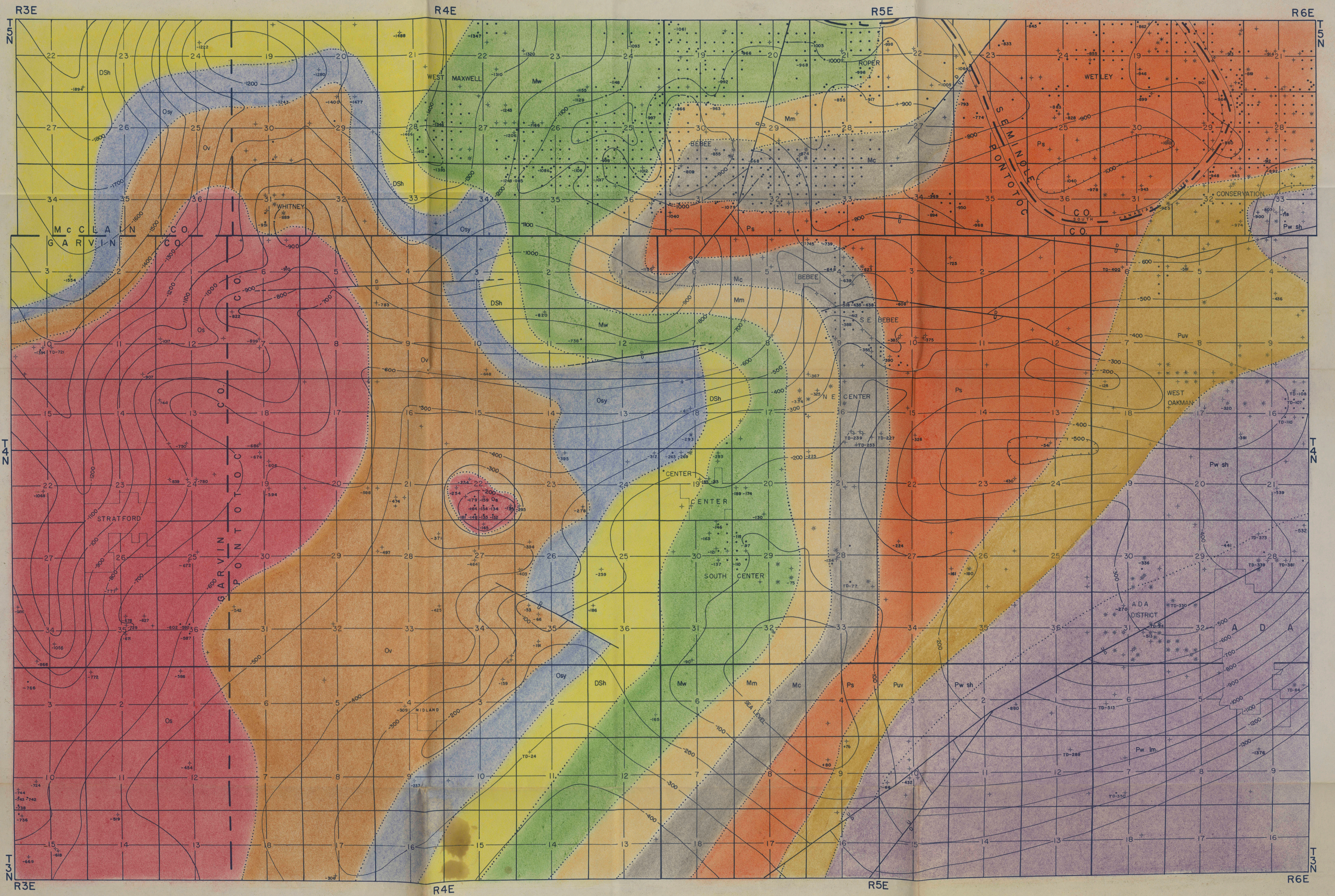
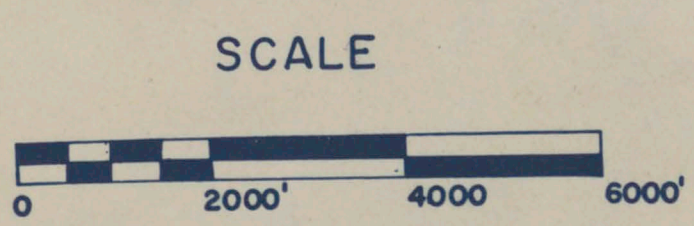


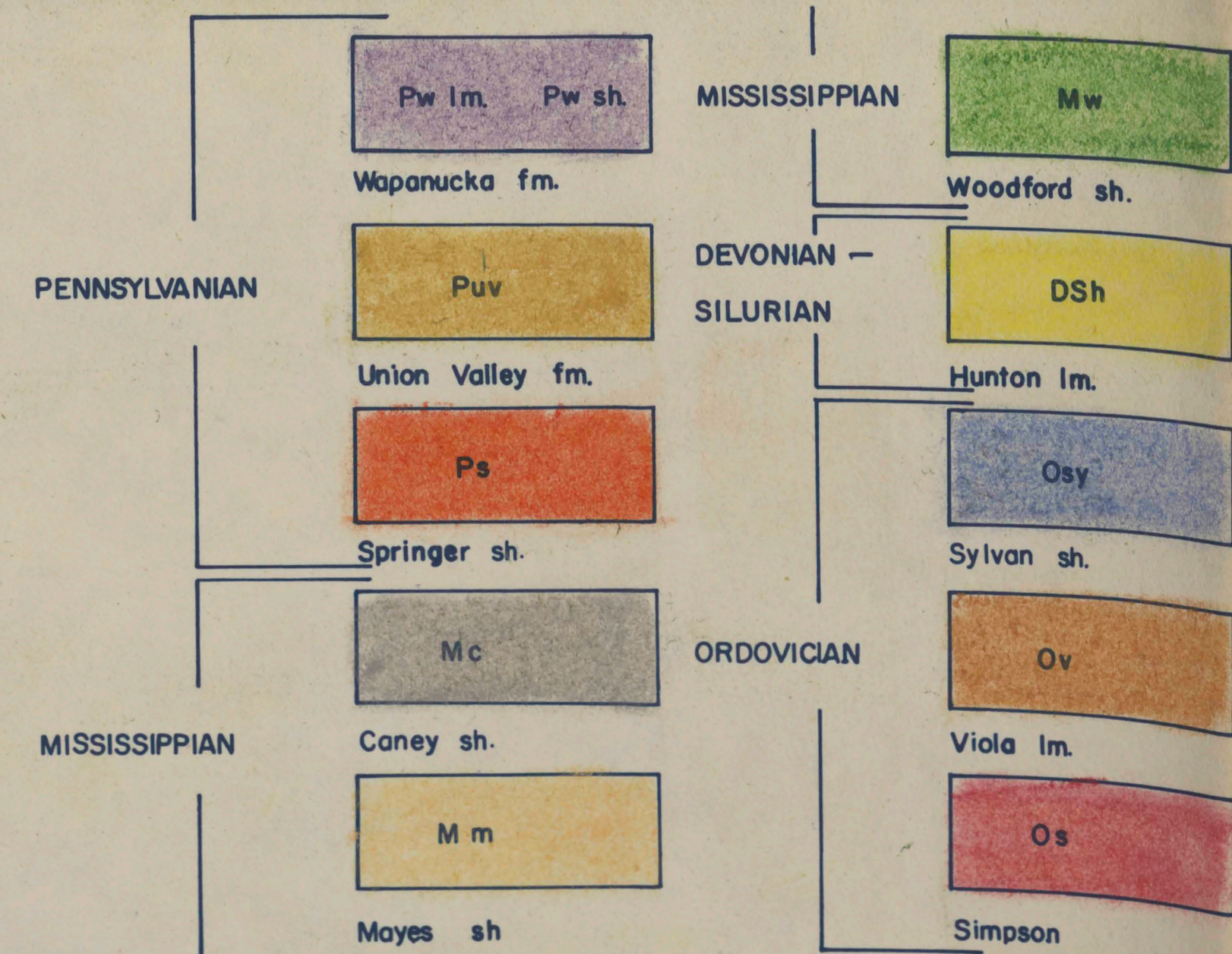


PALEOGEOLGIC AND STRUCTURE MAP
 TOP OF
PRE-ATOKA UNCONFORMITY SURFACE
 T4N, R5.485E, PONTOTOC COUNTY, OKLAHOMA
 DATUM: SEA LEVEL CONTOUR INTERVAL=100'



M. S. THESIS
 PLATE III

JACK W. PAINE



APRIL 1958

HERNDON DRILLING CO.

1 Horsley
NW NW SE
Sec. 19-4N-4E
1142'

MID-CONTINENT PETR. CORP.

1 Jenkins
SW NE SW
Sec. 21-4N-4E
1068'

W. H. PINE

3 Nadine
NW SW SE
Sec. 22-4N-4E
1014'

BERT PAINE

1 Glover
NE NE NE
Sec. 24-4N-4E
1070'

H. R. HORWITZ

1 Rucker
SW SW NE
Sec. 19-4N-5E
1036'

W. B. OSBORN

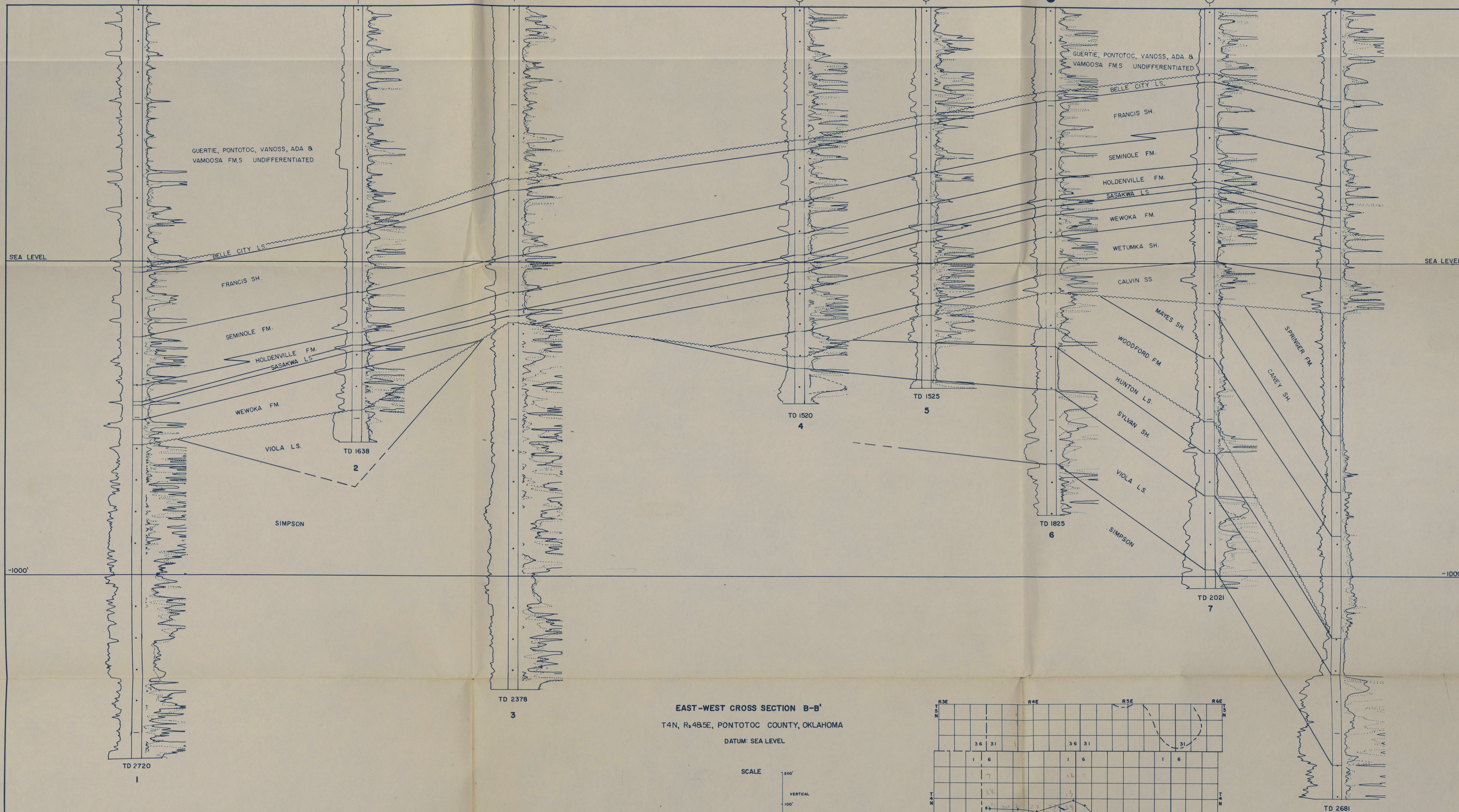
1 Morris
NE SW NW
Sec. 29-4N-5E
1021'

PORTABLE DRILLING CO.

1 Bumpers
NE NE SW
Sec. 28-4N-5E
973'

JONES & SHELburne OIL CO.

1 Wilson
SW NW SW
Sec. 26-4N-5E
914'

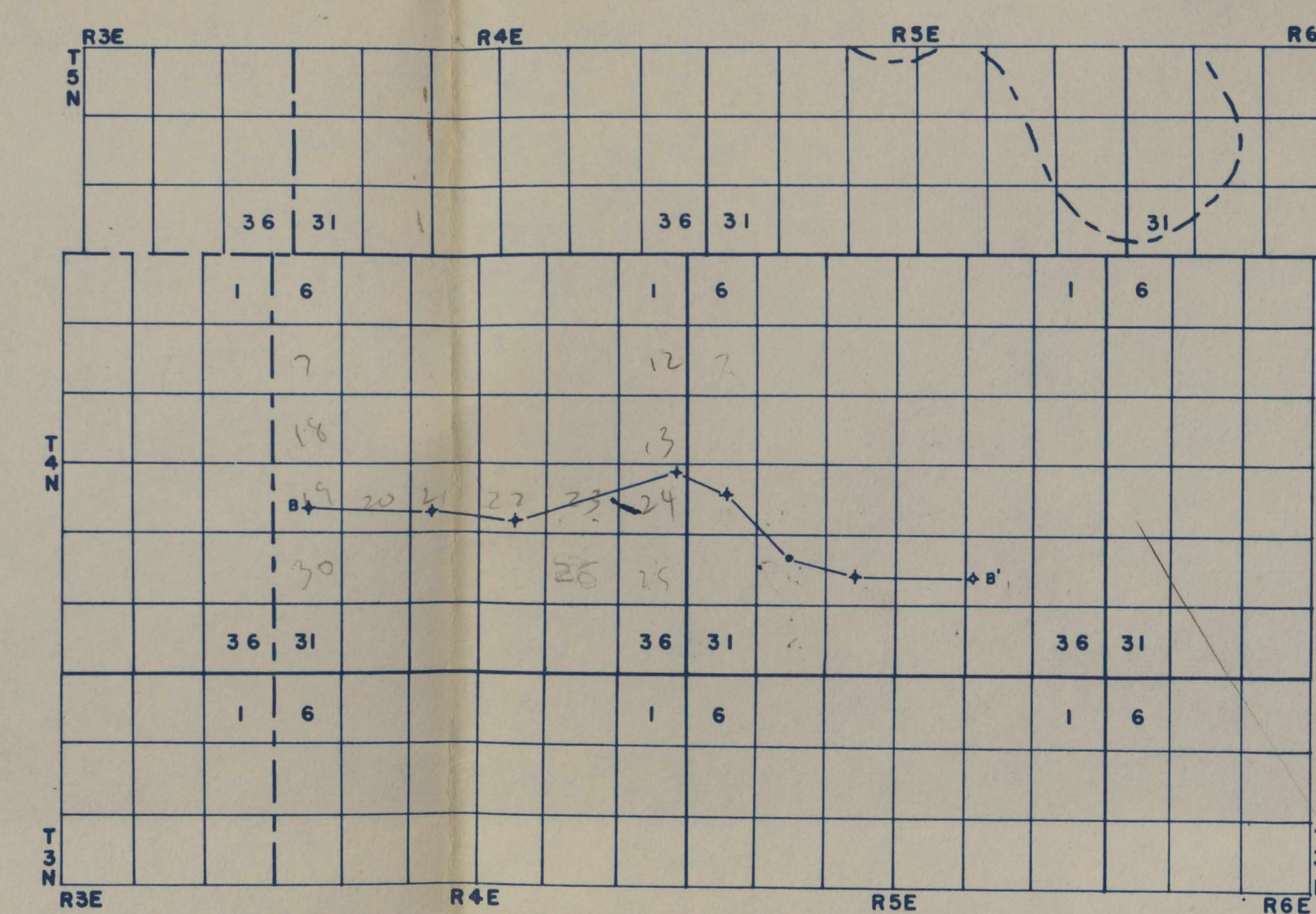


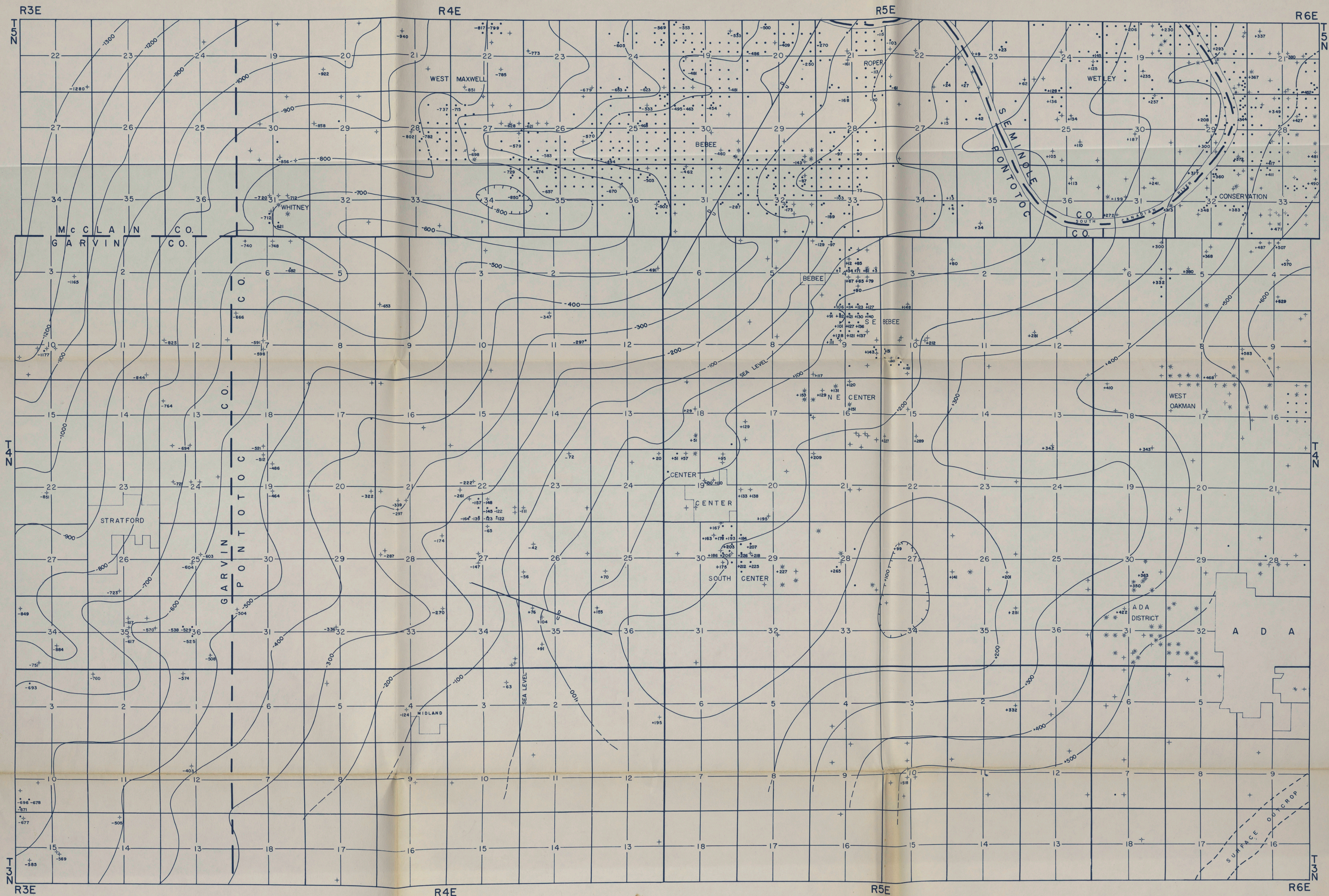
EAST-WEST CROSS SECTION B-B'
T4N, R48.5E, PONTOTOC COUNTY, OKLAHOMA
DATUM: SEA LEVEL

SCALE
VERTICAL
100'
HORIZONTAL
2000'
M. S. THESIS
PLATE VII

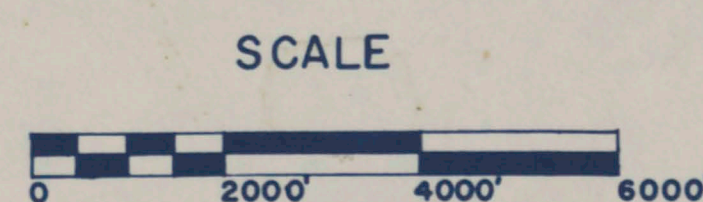
APRIL 1938

JACK W. PAINE





STRUCTURE MAP
TOP OF
SASAKWA LIMESTONE
T4N, R485E, PONTOTOC COUNTY, OKLAHOMA
DATUM: SEA LEVEL CONTOUR INTERVAL = 100'



APRIL 1958

M. S. THESIS

JACK W. PAINE

PLATE V

200,000, 100'

SANDERS & DENNIS

1 Bowie
NW NE SE
Sec. 3-4N-3E
1133'

OTT & BURRIS

1 Smith
NW NW NW
Sec. 7-4N-4E
1126'

ROBERT WHELOCK

1 Dillon
SW SW SW
Sec. 4-4N-4E
1045'

J. H. STAPLETON

1 Hoffman
NE NE NW
Sec. 11-4N-4E
1030'

J. J. FLEET

1 Roberts
SE SE NE
Sec. 1-4N-4E
992'

CLARK & COWDEN

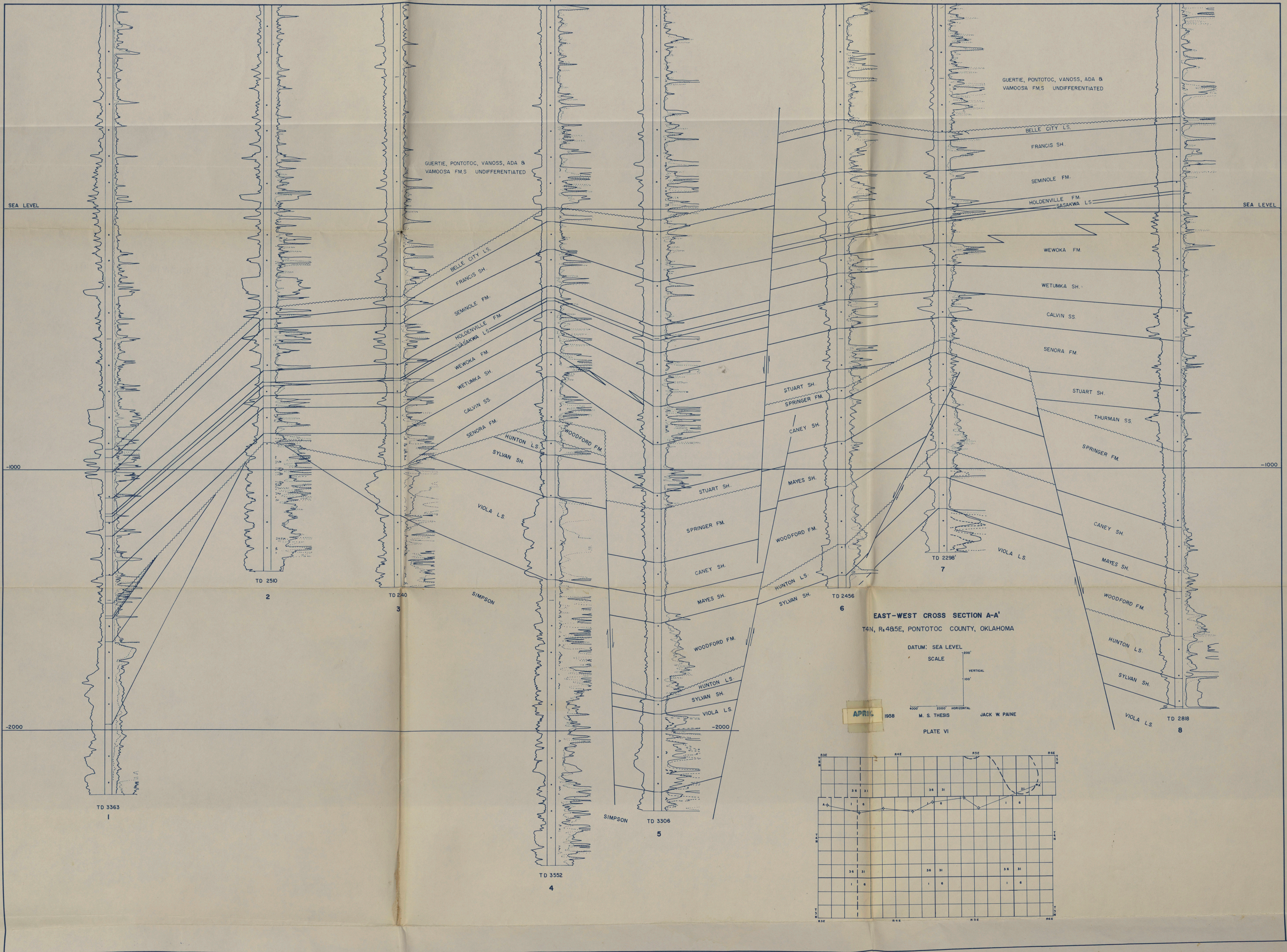
2 Haggard
NW NE NW
Sec. 4-4N-5E
1003'

WALT DUNCAN

1 Reed
SE SE SW
Sec. 3-4N-5E
981'

J. L. SHAW

1 Wesson
W/2 NW NE
Sec. 32-5N-6E



EAST-WEST CROSS SECTION A-A'
T4N, R48E, PONTOTOC COUNTY, OKLAHOMA

DATUM: SEA LEVEL

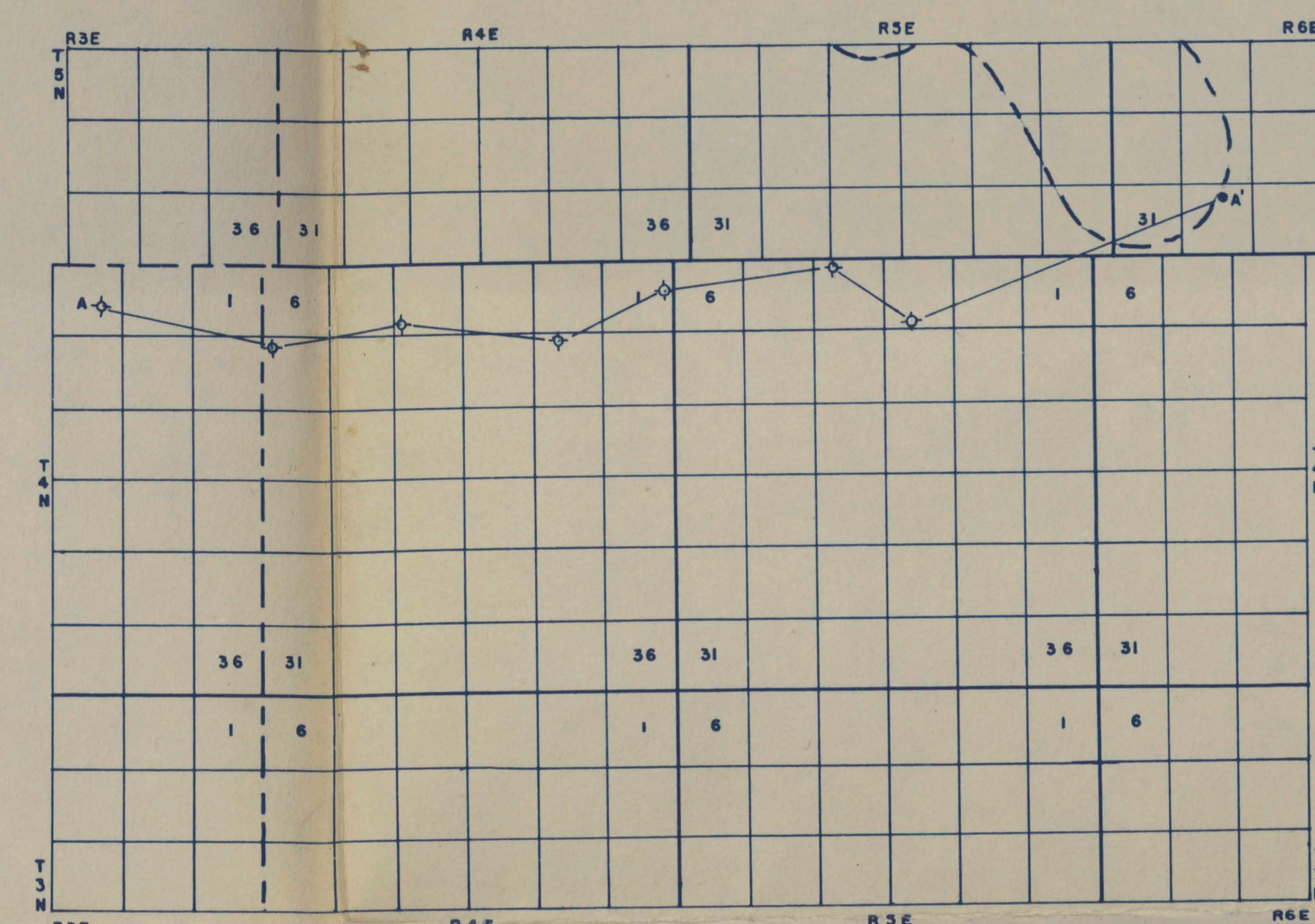
SCALE

VERTICAL

HORIZONTAL

1958 M. S. THESIS JACK W. PAINE

PLATE VI



H. E. BOOTH
3-B Sutton
NE NW NW
Sec. 19-5N-5E
941'

NORRIS OIL CO.
2 Lane
SW NW NW
Sec. 30-5N-5E
1033'

J. J. FLEET
1 Roberts
SE SE NE
Sec. 1-4N-4E
992'

JOHN H. STAPLETON
1 Low
SE SE NE
Sec. 11-4N-4E
1012'

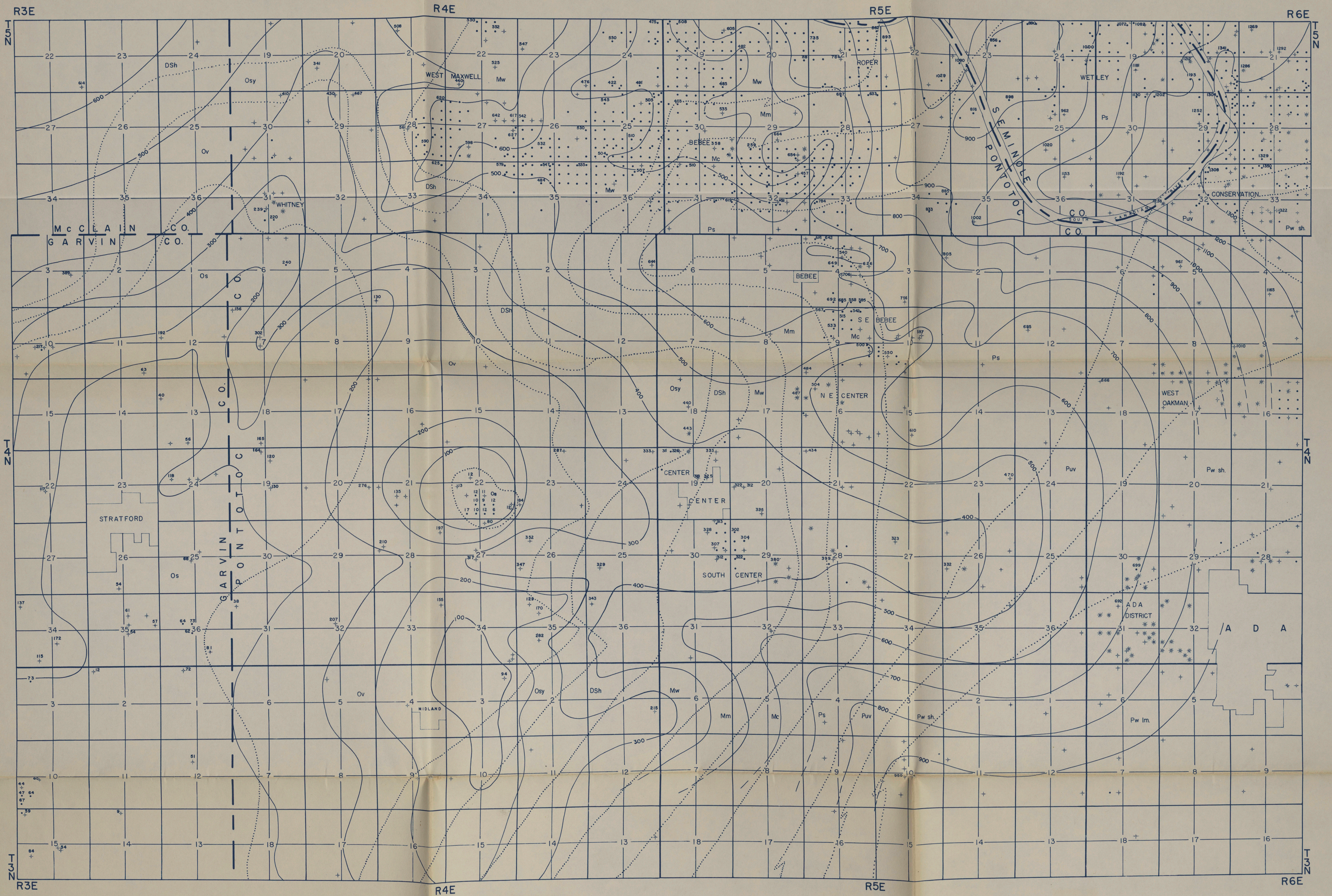
TEXAS CO.
1 Gray
SE SE NW
Sec. 18-4N-5E
1013'

H. R. HORWITZ
1 Rucker
SW SW NE
Sec. 19-4N-5E
1036'

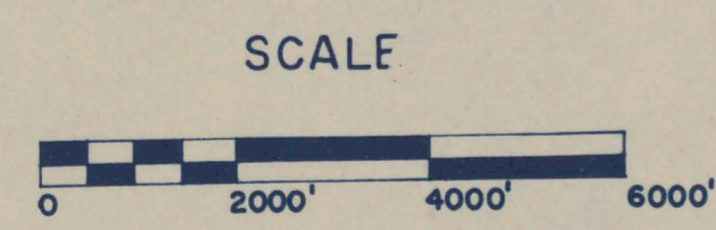
W. B. OSBORN
1 Morris
NE SW NW
Sec. 29-4N-5E
1021'

SANDERS OIL CO.
1 Grace
NE NE SW
Sec. 10-3N-5E
928'





ISOCORE MAP
OF INTERVAL FROM TOP
SASAKUA LIMESTONE
TO
PRE-ATOKA UNCONFORMITY SURFACE
T4N, R4S, 48SE, PONTOTOC COUNTY, OKLAHOMA
DATUM: SEA LEVEL INTERVAL=100'

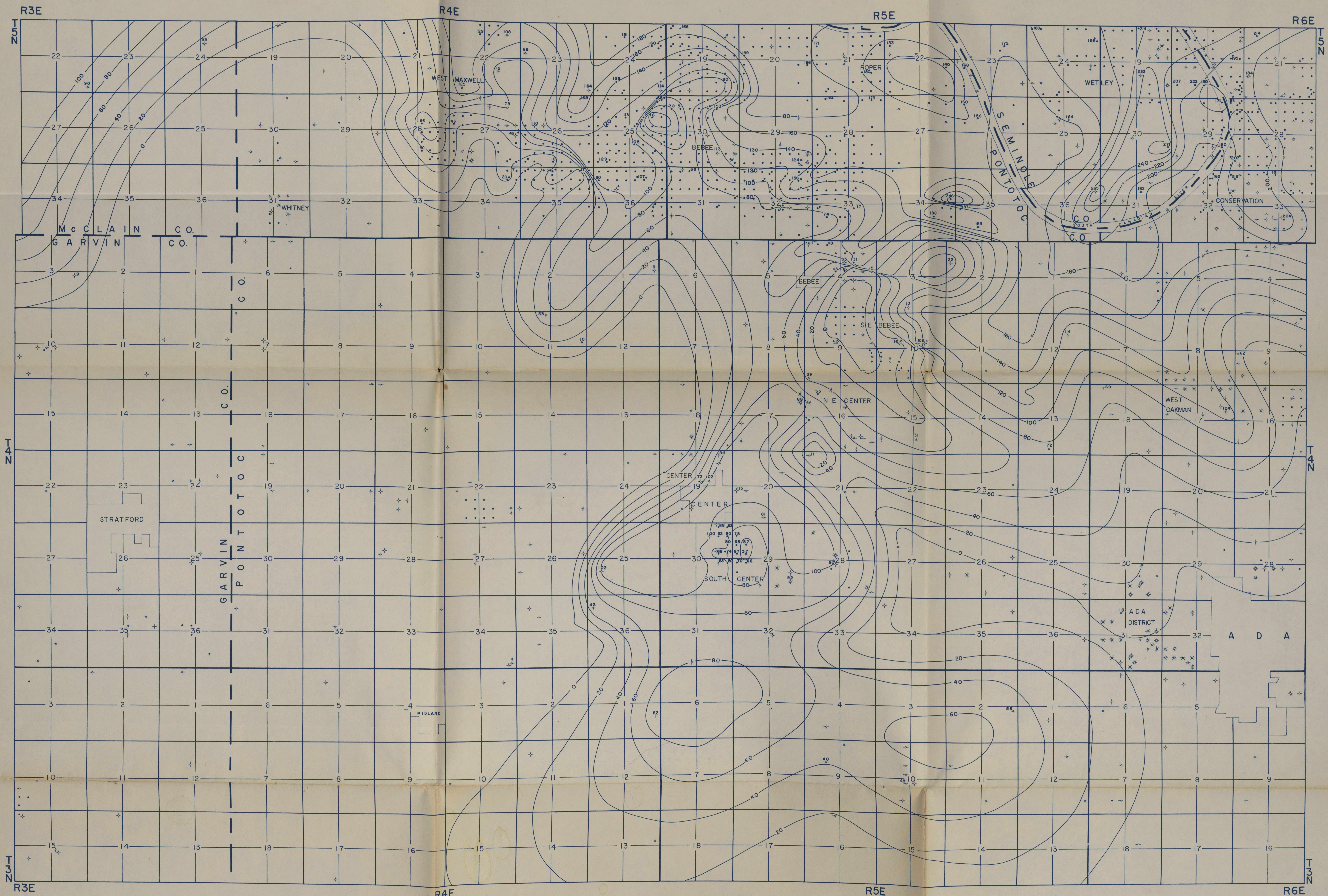


M. S. THESIS
PLATE IV

JACK W. PAINE

PENNSYLVANIAN	Pw lm. Pw sh.	MISSISSIPPIAN	Mw
	Wapanucka fm.	DEVONIAN - SILURIAN	Woodford sh.
	Puv		DSh
	Union Valley fm.		Hunton lm.
MISSISSIPPIAN	Ps		Os
	Springer sh.		Sylvan sh.
	Mc	ORDOVICIAN	Ov
	Coney sh.		Viola lm.
	M m		Os
	Moyes sh.		Simpson





ISOPACHOUS MAP

OF THE

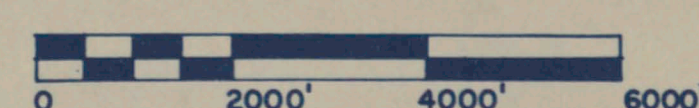
HUNTON GROUP

T4N, R.4&5E, PONTOTOC COUNTY, OKLAHOMA

DATUM: SEA LEVEL

INTERVAL = 20'

SCALE

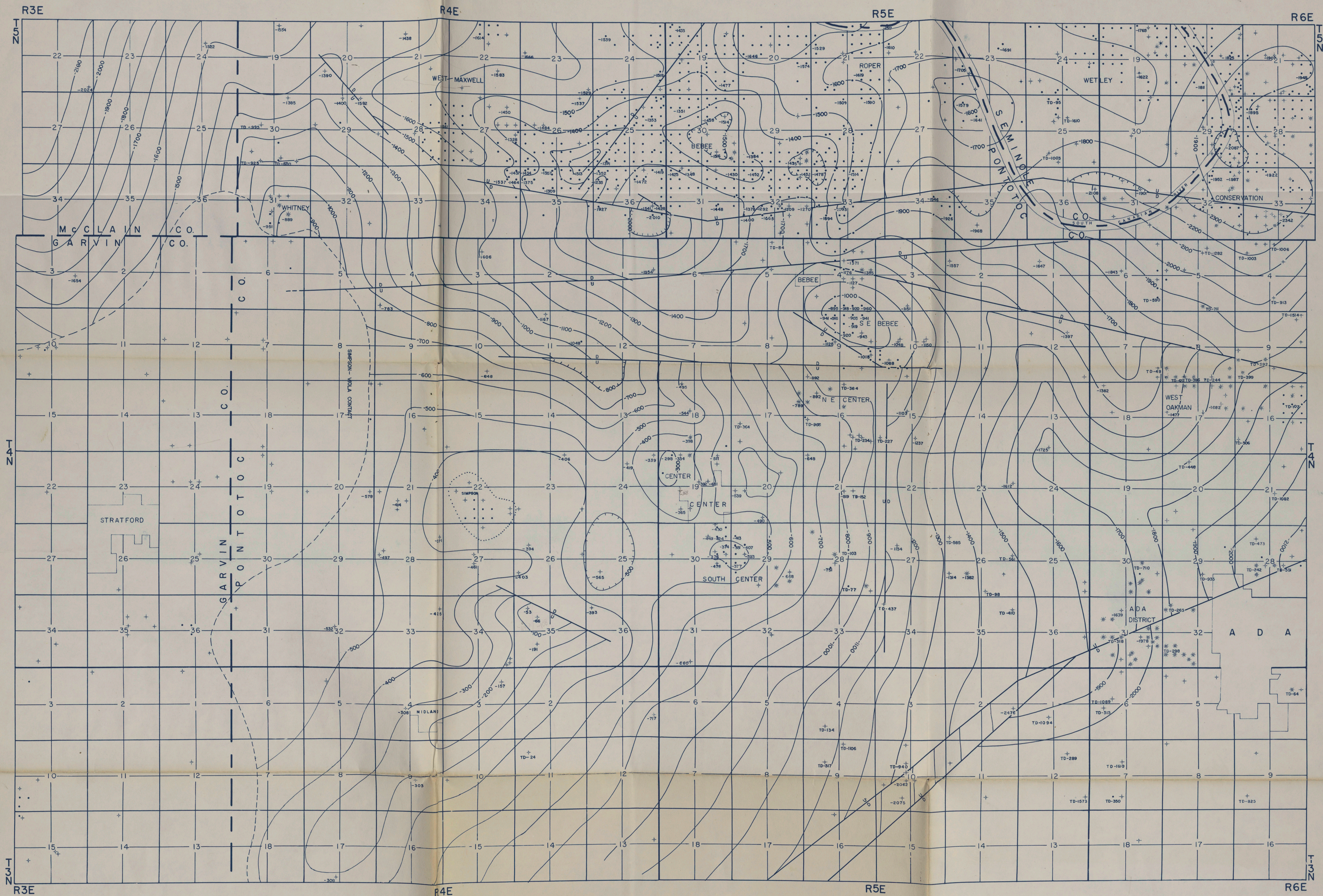


APRIL 1958

M. S. THESIS

JACK W. PAINES

PLATE II



STRUCTURE MAP

TOP OF

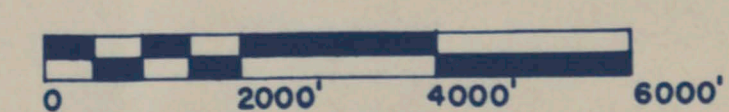
VIOLA LIMESTONE

T4N, R4&5E, PONTOTOC COUNTY, OKLAHOMA

DATUM: SEA LEVEL

CONTOUR INTERVAL=100'

SCALE



APRIL

1958

M. S. THESIS

JACK W. PAINE

PLATE I