McClure Oil Co.
Sparks, Eckelbarger & Whightsil No 1-8
Sec. 8, T 10 N R 2 W
Ground Level Elevation 745'

A

GAMMA RAY API UNITS 0 150 300

McClure Oil Co.
Fox No. 1
Sec. 6, T 7 N R 1 W
Ground Level Elevation 759.5'

GAMMA RAY API UNITS 0 200 400

Hibbard Oil Corp.
R. A. Seibly No. 1
Sec. 33, T 2 N R 2 W
Ground Level Elevation 925'

GAMMA RAY API UNITS 0 150 300

Mobil Oil Corp.
Gladys Kelly Unit No. 1
Sec 24, T 2 N R 3 W
Ground Level Elevation 855.73'

GAMMA RAY API UNITS 0 150 300

M.I.O. Exploration Co.
Schneeberger-Murphy No.1
Sec 27, T 1 N R 5 W
Ground Level Elevation 908'

GAMMA RAY API UNITS 0 150 300

Earl Midlam
Midlam No. 1
Sec. 13, T 1 S R 5 W
Ground Level Elevation 968'

GAMMA RAY API UNITS 0 150 300

Trenton Petroleum & McClure Oil Co.
Bernloehr-Bole-Eitniear No. 1
Sec. 13, T 3 S R 8 W
Ground Level Elevation 940.1'

GAMMA RAY MICROGRAMS RA-EQ/TON 0 10 20

Consumers Power Co. & Quintana Production Co.
Harvey Clark No 1
Sec 8, T 5 S R 8 W
Ground Level Elevation 876.0'

GAMMA RAY API UNITS 0 150 300

C. J. Simpson
Harold Walters No 1
Sec 29, T 6 S R 9 W
Ground Level Elevation 855.7'

GAMMA RAY MICROROENTGENS/HOUR 0 6 12 18 24

C. A. Perry & Son
Wooden No 1
Sec 8, T 7 S R 14 W
Ground Level Elevation 853.8'

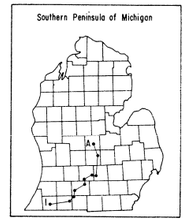
GAMMA RAY MICROGRAMS RA-EQ/TON 0 10

JURASSIC
Kimeridgian
PENNSYLVANIAN
Glacial Drift
Saginaw
MISSISSIPPIAN
Bayport
Michigan
"Triple Gyp"
"Brown Lime"
Michigan "Stray"
Marshall
Coldwater
Sunbury
Coldwater "Red Rock"

DELETED AREA SHOWN ON PLATE 2

DELETED AREA SHOWN ON PLATE 61

DATUM



STRATIGRAPHIC CROSS SECTION A-I

GRATIOT COUNTY
TO
CASS COUNTY
PENNSYLVANIAN & MISSISSIPPIAN
OF THE
MICHIGAN BASIN

R T LILIENTHAL, 1978
DRAWN BY G A WILSON

LEGEND

- CORRELATION LINE
- POSSIBLE CORRELATION
- EROSIONAL UNCONFORMITY
- DEPOSITIONAL PINCHOUT
- POROSITY ZONE

SCALE
Horizontal Scale None
Vertical Scale 0 100 200

PLATE 5I

McClure Oil Co.
Sparks, Eckelbarger & Whightsil No. 1-8
Sec. 8, T 10 N R 2 W
Ground Level Elevation 745'
A

McClure Oil Co.
Fox No. 1
Sec. 6, T 7 N R 1 W
Ground Level Elevation 759.5'

Hibbard Oil Corp.
R. A. Seibly No. 1
Sec. 33, T 2 N R 2 W
Ground Level Elevation 925'

Mobil Oil Corp.
Gladys Kelly Unit No. 1
Sec. 24, T 2 N R 3 W
Ground Level Elevation 855.73'

M. I. O. Exploration Co.
Schneeberger-Murphy No. 1
Sec. 27, T 1 N R 5 W
Ground Level Elevation 908'

Earl Midlam
Midlam No. 1
Sec. 13, T 1 S R 5 W
Ground Level Elevation 968'

Trenton Petroleum & McClure Oil Co.
Bernloehr-Bole-Eltnear No. 1
Sec. 13, T 3 S R 8 W
Ground Level Elevation 940.1'

Consumers Power Co. & Quintana Production Co.
Harvey Clark No. 1
Sec. 8, T 5 S R 8 W
Ground Level Elevation 876.0'

C. J. Simpson
Harold Walters No. 1
Sec. 29, T 6 S R 9 W
Ground Level Elevation 855.7'

C. A. Perry & Son
Wooden No. 1
Sec. 8, T 7 S R 14 W
Ground Level Elevation 853.8'
I

GAMMA RAY API UNITS

GAMMA RAY MICROGRAMS RA-EQ/TON

GAMMA RAY MICROROENTGENS/HOUR

DEVONIAN

SILURIAN

DATUM

Traverse Formation

TL-1

TL-2

TL-3

TL-4

TL-5

TL-6

Traverse Limestone

Traverse Group

Bell

Porosity Zone

Dundee

Detroit River Group

Amherstburg

Bois Blanc

DR-1

DR-2

Antrim

TRANSITION FROM ANTRIM TO ELLSWORTH

Ellsworth

Lucas

TF-1

2500

2000

1500

1000

3000

3500

500

STRATIGRAPHIC CROSS SECTION A-I

GRATIOT COUNTY
TO
CASS COUNTY
UPPER & MIDDLE DEVONIAN
OF THE
MICHIGAN BASIN

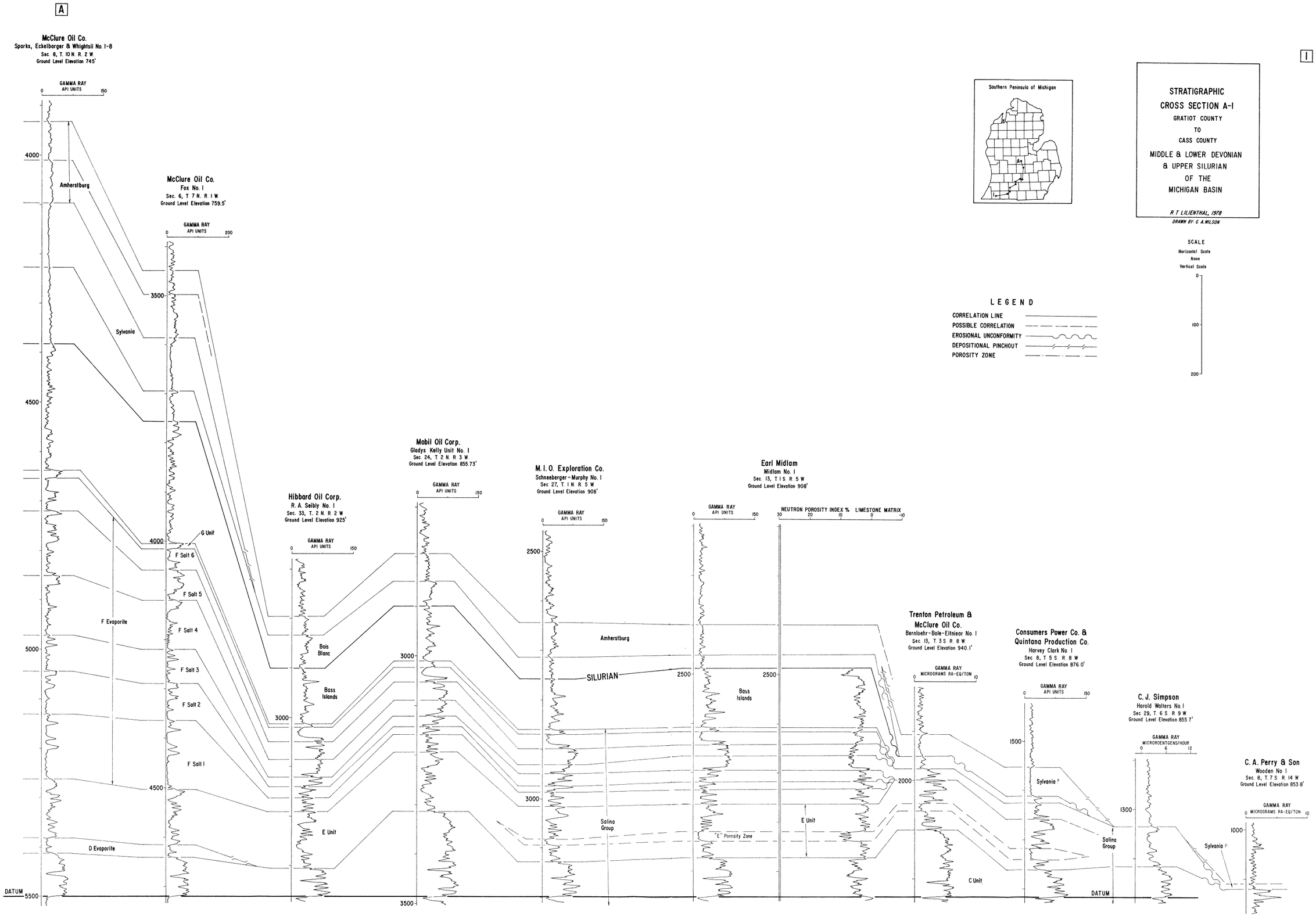
R. T. LILIENTHAL, 1978
DRAWN BY G. A. WILSON

SCALE
Horizontal Scale
None
Vertical Scale
0
100
200

Southern Peninsula of Michigan

LEGEND

CORRELATION LINE
POSSIBLE CORRELATION
EROSIONAL UNCONFORMITY
DEPOSITIONAL PINCHOUT
POROSITY ZONE


A
I
McClure Oil Co.
Sparks, Eckelberger & Whightsil No. 1-8
Sec. 8, T. 10 N. R. 2 W.
Ground Level Elevation 745'
GAMMA RAY
API UNITS
0
150
McClure Oil Co.
Fox No. 1
Sec. 6, T. 7 N. R. 1 W.
Ground Level Elevation 759.5'
GAMMA RAY
API UNITS
0
200
Hibbard Oil Corp.
R. A. Seibly No. 1
Sec. 33, T. 2 N. R. 2 W.
Ground Level Elevation 925'
Mobil Oil Corp.
Gladys Kelly Unit No. 1
Sec. 24, T. 2 N. R. 3 W.
Ground Level Elevation 855.73'
M. I. O. Exploration Co.
Schneeberger-Murphy No. 1
Sec. 27, T. 1 N. R. 5 W.
Ground Level Elevation 908'
Earl Midlam
Midlam No. 1
Sec. 13, T. 1 S. R. 5 W.
Ground Level Elevation 908'
NEUTRON POROSITY INDEX %
LIMESTONE MATRIX
30
20
10
0
-10
Trenton Petroleum & McClure Oil Co.
Bernloehr-Bole-Eitniear No. 1
Sec. 13, T. 3 S. R. 8 W.
Ground Level Elevation 940.1'
GAMMA RAY
MICROGRAMS RA-EQ/TON
0
10
Consumers Power Co. & Quintana Production Co.
Harvey Clark No. 1
Sec. 8, T. 5 S. R. 8 W.
Ground Level Elevation 876.0'
C. J. Simpson
Harold Walters No. 1
Sec. 29, T. 6 S. R. 9 W.
Ground Level Elevation 855.7'
GAMMA RAY
MICROROENTGENS/HOUR
0
6
12
C. A. Perry & Son
Wooden No. 1
Sec. 8, T. 7 S. R. 14 W.
Ground Level Elevation 853.8'
GAMMA RAY
MICROGRAMS RA-EQ/TON
0
10
Amherstburg
Sylvania
G Unit
F Salt 6
F Salt 5
F Salt 4
F Salt 3
F Salt 2
F Salt 1
F Evaporite
D Evaporite
Bois Blanc
Bass Islands
E Unit
Amherstburg
SILURIAN
Bass Islands
Salina Group
"E" Porosity Zone
E Unit
C Unit
Sylvania ?
Salina Group
Sylvania ?
DATUM
DATUM
4000
4500
5000
5500
3500
3000
2500
2000
1500
1300
1000
Southern Peninsula of Michigan
A
I
STRATIGRAPHIC
CROSS SECTION A-I
GRATIOT COUNTY
TO
CASS COUNTY
MIDDLE & LOWER DEVONIAN
& UPPER SILURIAN
OF THE
MICHIGAN BASIN
R. T. LILIENTHAL, 1978
DRAWN BY: G. A. WILSON
SCALE
Horizontal Scale
None
Vertical Scale
0
100
200
LEGEND
CORRELATION LINE
POSSIBLE CORRELATION
EROSIONAL UNCONFORMITY
DEPOSITIONAL PINCHOUT
POROSITY ZONE

A

McClure Oil Co.
Sparks, Eckelbarger & Whightsil No. 1-8
Sec. 8, T 10 N. R. 2 W.
Ground Level Elevation 745'

McClure Oil Co.
Fox No. 1
Sec. 6, T 7 N. R. 1 W.
Ground Level Elevation 759.5'

Hibbard Oil Corp.
R. A. Seibly No. 1
Sec. 33, T. 2 N. R. 2 W.
Ground Level Elevation 925'

Mobil Oil Corp.
Gladys Kelly Unit No. 1
Sec. 24, T. 2 N. R. 3 W.
Ground Level Elevation 855.73'

M.I.O. Exploration Co.
Schneeberger-Murphy No. 1
Sec. 27, T. 1 N. R. 5 W.
Ground Level Elevation 908'

Earl Midlam
Midlam No. 1
Sec. 13, T. 1 S. R. 5 W.
Ground Level Elevation 968'

Trenton Petroleum & McClure Oil Co.
Bernloehr-Bole-Eitniear No. 1
Sec. 13, T. 3 S. R. 8 W.
Ground Level Elevation 940.1'

Consumers Power Co. & Quintana Production Co.
Harvey Clark No. 1
Sec. 8, T. 5 S. R. 8 W.
Ground Level Elevation 876.0'

C. J. Simpson
Harold Walters No. 1
Sec. 29, T. 6 S. R. 9 W.
Ground Level Elevation 855.7'

C. A. Perry & Son
Wooden No. 1
Sec. 8, T. 7 S. R. 14 W.
Ground Level Elevation 853.8'

I

GAMMA RAY API UNITS 0 150 | GAMMA RAY API UNITS 0 200 | GAMMA RAY API UNITS 0 150 300 | GAMMA RAY API UNITS 0 150 | GAMMA RAY API UNITS 0 150 | GAMMA RAY API UNITS 0 150 | NEUTRON POROSITY INDEX % LIMESTONE MATRIX 30 20 10 0 -10 | GAMMA RAY MICROGRAMS RA-EQ/TON 0 10 | GAMMA RAY API UNITS 0 150 | GAMMA RAY MICRORONTGENS/HOUR 0 6 12 | GAMMA RAY MICROGRAMS RA-EQ/TON 0 10

DATUM 5500

C Unit

B Evaporite

A-2 Carbonate

A-2 Evaporite

A-1 Carbonate

A-1 Evaporite

Salina Group

Niagara Group

Cabot Head

Manitoulin

ORDOVICIAN

Clinton

DATUM 1500

3500 4000 4500 5000 5500 6000 6500 7000

3000 3500

2500 2000 1500

STRATIGRAPHIC CROSS SECTION A-I

GRATIOT COUNTY
TO
CASS COUNTY
MIDDLE & LOWER SILURIAN
OF THE
MICHIGAN BASIN

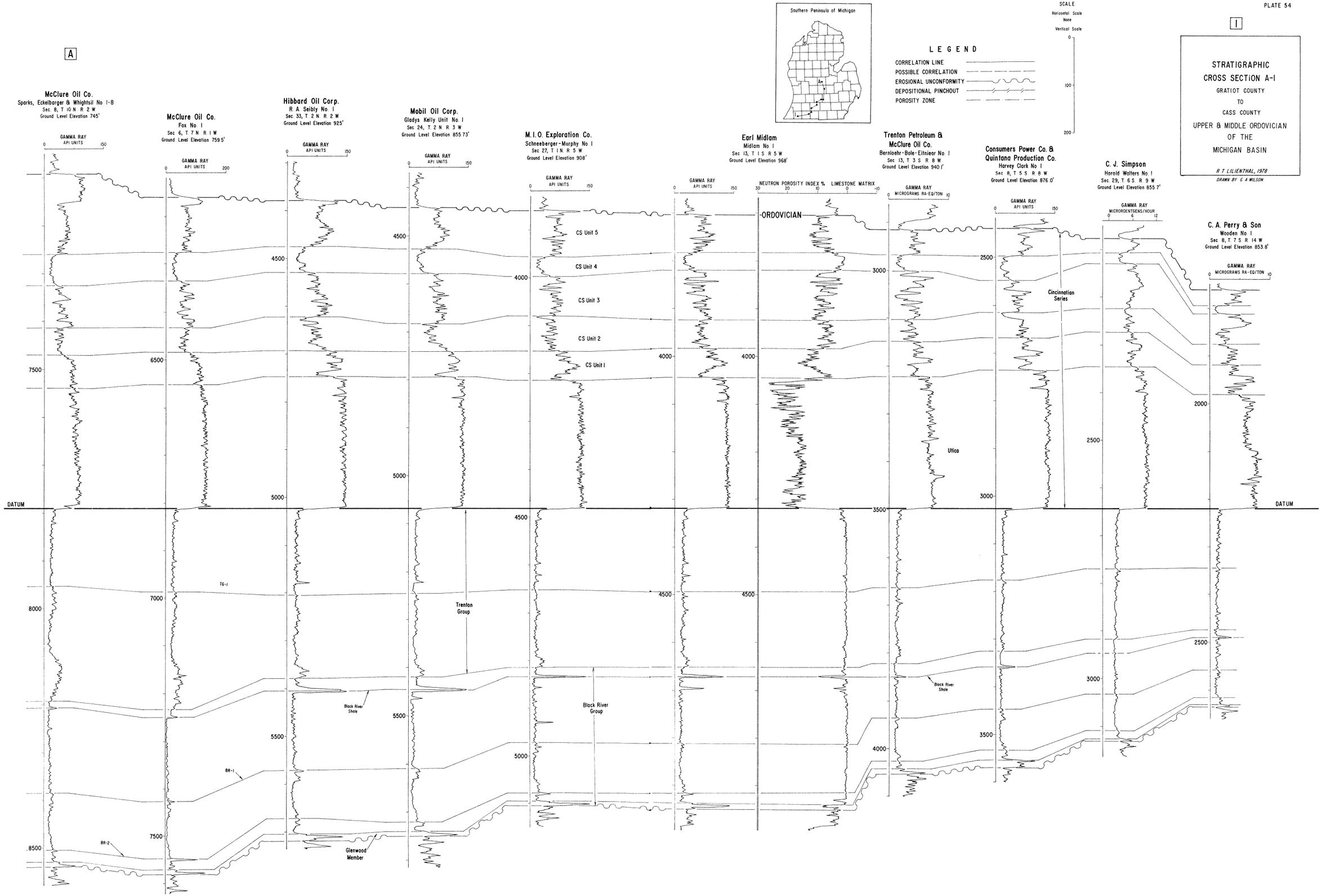
R. T. LILIENTHAL, 1978
DRAWN BY G. A. WILSON

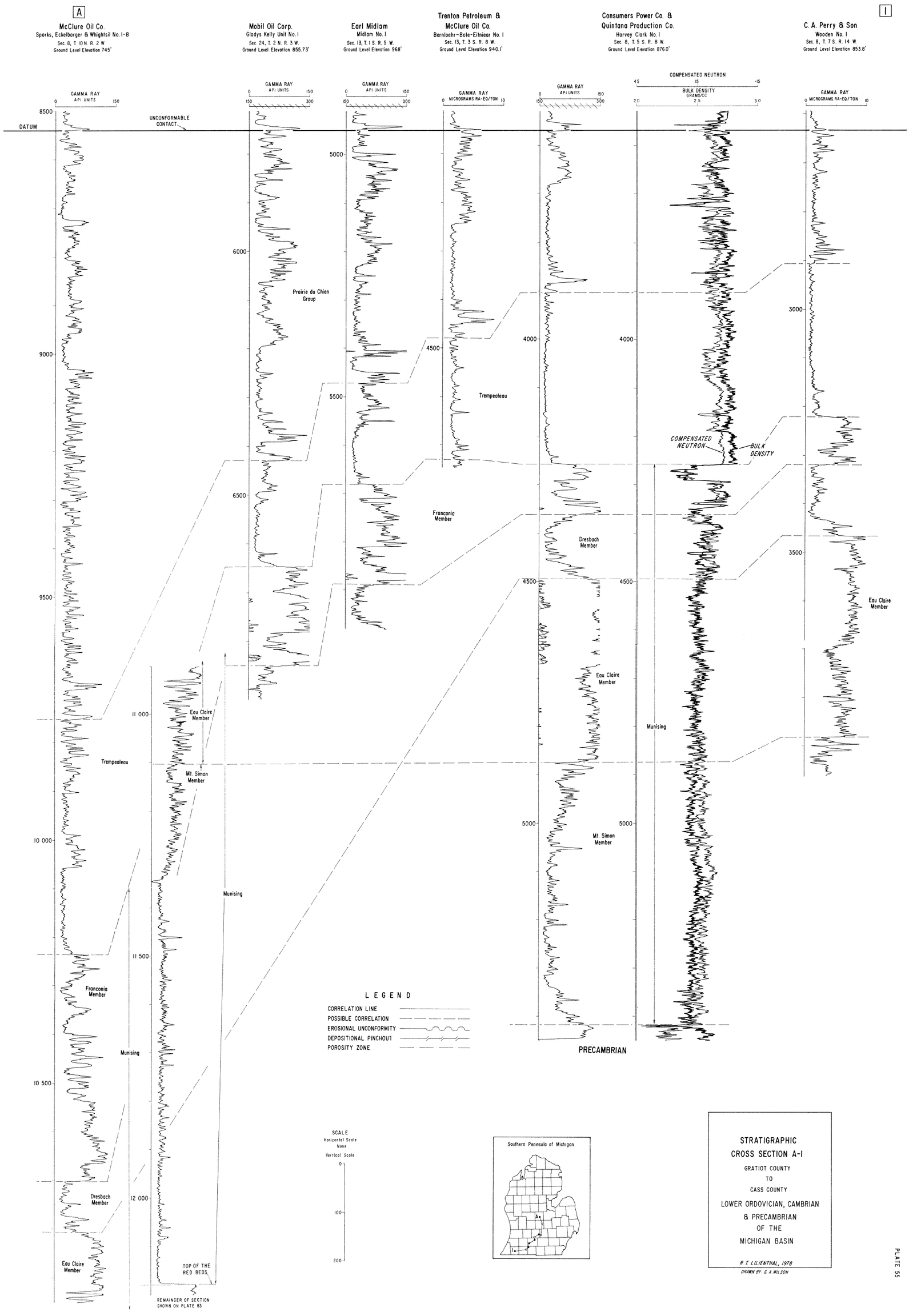
SCALE
Horizontal Scale
None
Vertical Scale
0 100 200

Southern Peninsula of Michigan

LEGEND

- CORRELATION LINE
- POSSIBLE CORRELATION
- EROSIONAL UNCONFORMITY
- DEPOSITIONAL PINCHOUT
- POROSITY ZONE


A
McClure Oil Co.
Sparks, Eckelbarger & Whightsil No. 1-8
Sec. 8, T. 10 N. R. 2 W.
Ground Level Elevation 745'
McClure Oil Co.
Fox No. 1
Sec. 6, T. 7 N. R. 1 W.
Ground Level Elevation 759.5'
Hibbard Oil Corp.
R. A. Seibly No. 1
Sec. 33, T. 2 N. R. 2 W.
Ground Level Elevation 925'
Mobil Oil Corp.
Gladys Kelly Unit No. 1
Sec. 24, T. 2 N. R. 3 W.
Ground Level Elevation 855.73'
M. I. O. Exploration Co.
Schneeberger-Murphy No. 1
Sec. 27, T. 1 N. R. 5 W.
Ground Level Elevation 908'
Earl Midlam
Midlam No. 1
Sec. 13, T. 1 S. R. 5 W.
Ground Level Elevation 968'
Trenton Petroleum & McClure Oil Co.
Bernloehr-Bole-Eitniear No. 1
Sec. 13, T. 3 S. R. 8 W.
Ground Level Elevation 940.1'
Consumers Power Co. & Quintana Production Co.
Harvey Clark No. 1
Sec. 8, T. 5 S. R. 8 W.
Ground Level Elevation 876.0'
C. J. Simpson
Harold Walters No. 1
Sec. 29, T. 6 S. R. 9 W.
Ground Level Elevation 855.7'
C. A. Perry & Son
Wooden No. 1
Sec. 8, T. 7 S. R. 14 W.
Ground Level Elevation 853.8'
GAMMA RAY
API UNITS
MICROGRAMS RA-EQ/TON
MICROROENTGENS/HOUR
NEUTRON POROSITY INDEX %
LIMESTONE MATRIX
ORDOVICIAN
CS Unit 5
CS Unit 4
CS Unit 3
CS Unit 2
CS Unit 1
Utica
Cincinnation Series
Trenton Group
Black River Group
Black River Shale
Glenwood Member
TG-1
BR-1
BR-2
DATUM
Southern Peninsula of Michigan
LEGEND
CORRELATION LINE
POSSIBLE CORRELATION
EROSIONAL UNCONFORMITY
DEPOSITIONAL PINCHOUT
POROSITY ZONE
SCALE
Horizontal Scale None
Vertical Scale
I
STRATIGRAPHIC CROSS SECTION A-I
GRATIOT COUNTY TO CASS COUNTY
UPPER & MIDDLE ORDOVICIAN OF THE MICHIGAN BASIN
R. T. LILIENTHAL, 1978
DRAWN BY G. A. WILSON


A
McClure Oil Co.
Sporks, Eckelberger & Whightsil No. 1-8
Sec. 8, T. 10 N. R. 2 W.
Ground Level Elevation 745'
Mobil Oil Corp.
Gladys Kelly Unit No. 1
Sec. 24, T. 2 N. R. 3 W.
Ground Level Elevation 855.73'
Earl Midlam
Midlam No. 1
Sec. 13, T. 1 S. R. 5 W.
Ground Level Elevation 968'
Trenton Petroleum & McClure Oil Co.
Bernloehr-Bole-Eittelear No. 1
Sec. 13, T. 3 S. R. 8 W.
Ground Level Elevation 940.1'
Consumers Power Co. & Quintana Production Co.
Harvey Clark No. 1
Sec. 8, T. 5 S. R. 8 W.
Ground Level Elevation 876.0'
C. A. Perry & Son
Wooden No. 1
Sec. 8, T. 7 S. R. 14 W.
Ground Level Elevation 853.8'
I
GAMMA RAY API UNITS
COMPENSATED NEUTRON
BULK DENSITY GRAMS/CC
GAMMA RAY MICROGRAMS RA-EQ/TON
DATUM
UNCONFORMABLE CONTACT
Prairie du Chien Group
Trempealeau
Franconia Member
Dresbach Member
Eau Claire Member
Mt. Simon Member
Munising
COMPENSATED NEUTRON
BULK DENSITY
PRECAMBRIAN
TOP OF THE RED BEDS
REMAINDER OF SECTION SHOWN ON PLATE 83
LEGEND
CORRELATION LINE
POSSIBLE CORRELATION
EROSIONAL UNCONFORMITY
DEPOSITIONAL PINCHOUT
POROSITY ZONE
SCALE
Horizontal Scale
None
Vertical Scale
Southern Peninsula of Michigan
STRATIGRAPHIC CROSS SECTION A-I
GRATIOT COUNTY
TO
CASS COUNTY
LOWER ORDOVICIAN, CAMBRIAN & PRECAMBRIAN OF THE MICHIGAN BASIN
R. T. LILIENTHAL, 1978
DRAWN BY G. A. WILSON
PLATE 55

J

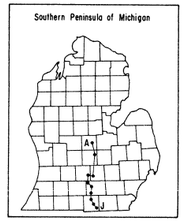
STRATIGRAPHIC CROSS SECTION A-J

GRATIOT COUNTY TO HILLSDALE COUNTY

PENNSYLVANIAN & MISSISSIPPIAN OF THE MICHIGAN BASIN

R. T. LILIENTHAL, 1978

DRAWN BY G. A. WILSON



McClure Oil Co.
Sparks, Eckelbarger & Whightsil No. 1-8
Sec. 8, T 10 N. R 2 W.
Ground Level Elevation 745'

McClure Oil Co.
Fox No. 1
Sec. 6, T. 7 N. R 1 W.
Ground Level Elevation 759.5'

Hibbard Oil Corp.
R. A. Saibly No. 1
Sec. 33, T. 2 N. R. 2 W.
Ground Level Elevation 925'

Mobil Oil Corp.
Gladys Kelly Unit No. 1
Sec. 24, T. 2 N. R 3 W.
Ground Level Elevation 855.73'

McClure Oil Co.
Crawford No. 1
Sec. 4, T 1 S. R 3 W
Ground Level Elevation 932.6'

Texaco, Inc.
Stella Konkol No. 1
Sec. 15, T. 2 S. R. 2 W
Ground Level Elevation 972'

McClure Oil Co.
Harlan J. Bellis et al No. 1
Sec. 17, T. 4 S. R. 2 W.
Ground Level Elevation 1057.9'

Jenkins and Woodruff Oil, Inc.
Edwin Houseknecht No. 1
Sec. 31, T. 5 S. R. 2 W
Ground Level Elevation 1175.6'

Texaco, Inc.
Percy Edmonds No. 1
Sec. 10, T. 7 S. R. 2 W.
Ground Level Elevation 1082'

Glynn Trolz & Assoc., Inc.
L. Loser No. 1
Sec. 15, T. 8 S. R. 1 W.
Ground Level Elevation 923'

GAMMA RAY API UNITS

NEUTRON POROSITY % LIMESTONE MATRIX

JURASSIC
Kimeridgian
MISSISSIPPIAN
Bayport
"Triple Gyp"
"Brown Lime"
Michigan "Stray"
PENNSYLVANIAN
Glacial Drift
Saginaw
Michigan
Marshall
Coldwater
Coldwater "Red Rock"
Sunbury

DELETED AREA SHOWN ON PLATE 2

DELETED AREA SHOWN ON PLATE 61

DATUM

LEGEND

- CORRELATION LINE
- POSSIBLE CORRELATION
- EROSIONAL UNCONFORMITY
- DEPOSITIONAL PINCHOUT
- POROSITY ZONE

SCALE

Horizontal Scale None

Vertical Scale

J

McClure Oil Co.
Sparks, Eckelbarger & Whightsil No. 1-8
Sec. 8, T 10 N R 2 W
Ground Level Elevation 745'

A

McClure Oil Co.
Fox No. 1
Sec. 6, T 7 N R 1 W
Ground Level Elevation 759.5'

Hibbard Oil Corp.
R. A. Seibly No. 1
Sec. 33, T 2 N R 2 W
Ground Level Elevation 925'

Mobil Oil Corp.
Gladys Kelly Unit No. 1
Sec. 24, T 2 N R 3 W
Ground Level Elevation 855.73'

McClure Oil Co.
Crawford No. 1
Sec. 4, T 1 S R 3 W
Ground Level Elevation 932.6'

Texaco, Inc.
Stella Konkol No 1
Sec 15, T 2 S R 2 W
Ground Level Elevation 972'

McClure Oil Co.
Harlan J. Bellis et al No. 1
Sec 17, T 4 S R 2 W
Ground Level Elevation 1057.9'

Jenkins and Woodruff Oil, Inc.
Edwin Houseknecht No. 1
Sec 31, T 5 S R 2 W
Ground Level Elevation 1175.6'

Texaco, Inc.
Percy Edmonds No.1
Sec 10, T 7 S R 2 W
Ground Level Elevation 1082'

Glynn Trolz & Assoc., Inc.
L. Laser No. 1
Sec 15, T 8 S R 1 W
Ground Level Elevation 923'

GAMMA RAY API UNITS

NEUTRON POROSITY % LIMESTONE MATRIX

DATUM

DEVONIAN

TF-1
TL-1
TL-2
TL-3
TL-4
TL-5
TL-6
DR-1
DR-2

Traverse Group
Bell
Porosity Zone
Dundee
Detroit River Group
Amherstburg
Bois Blanc
Lucas
Traverse Formation
Antrim
Traverse Limestone

STRATIGRAPHIC CROSS SECTION A-J.

GRATIOT COUNTY
TO
HILLSDALE COUNTY
UPPER & MIDDLE DEVONIAN
OF THE
MICHIGAN BASIN

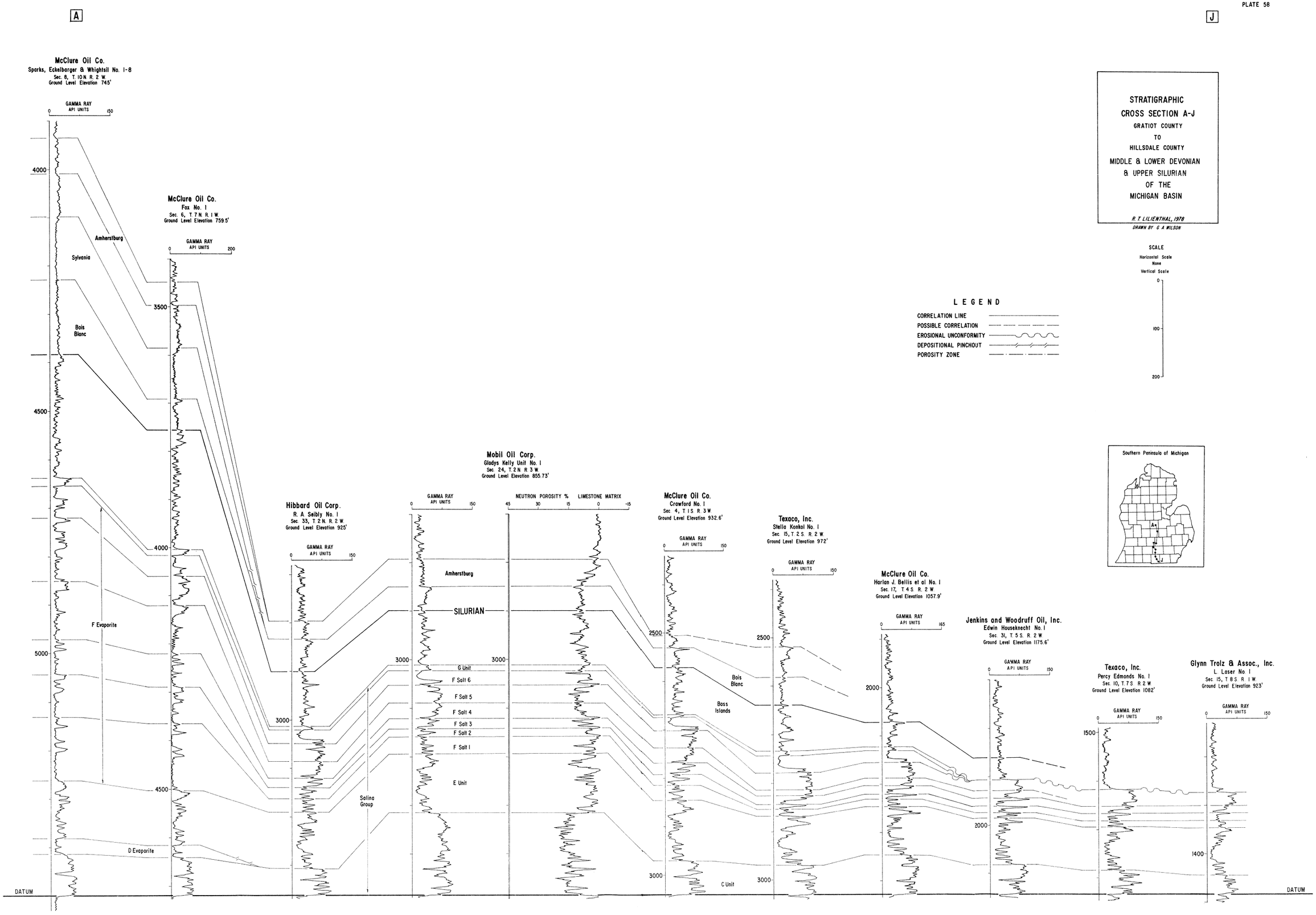
R. T. LILIENTHAL, 1978
DRAWN BY: G. A. WILSON

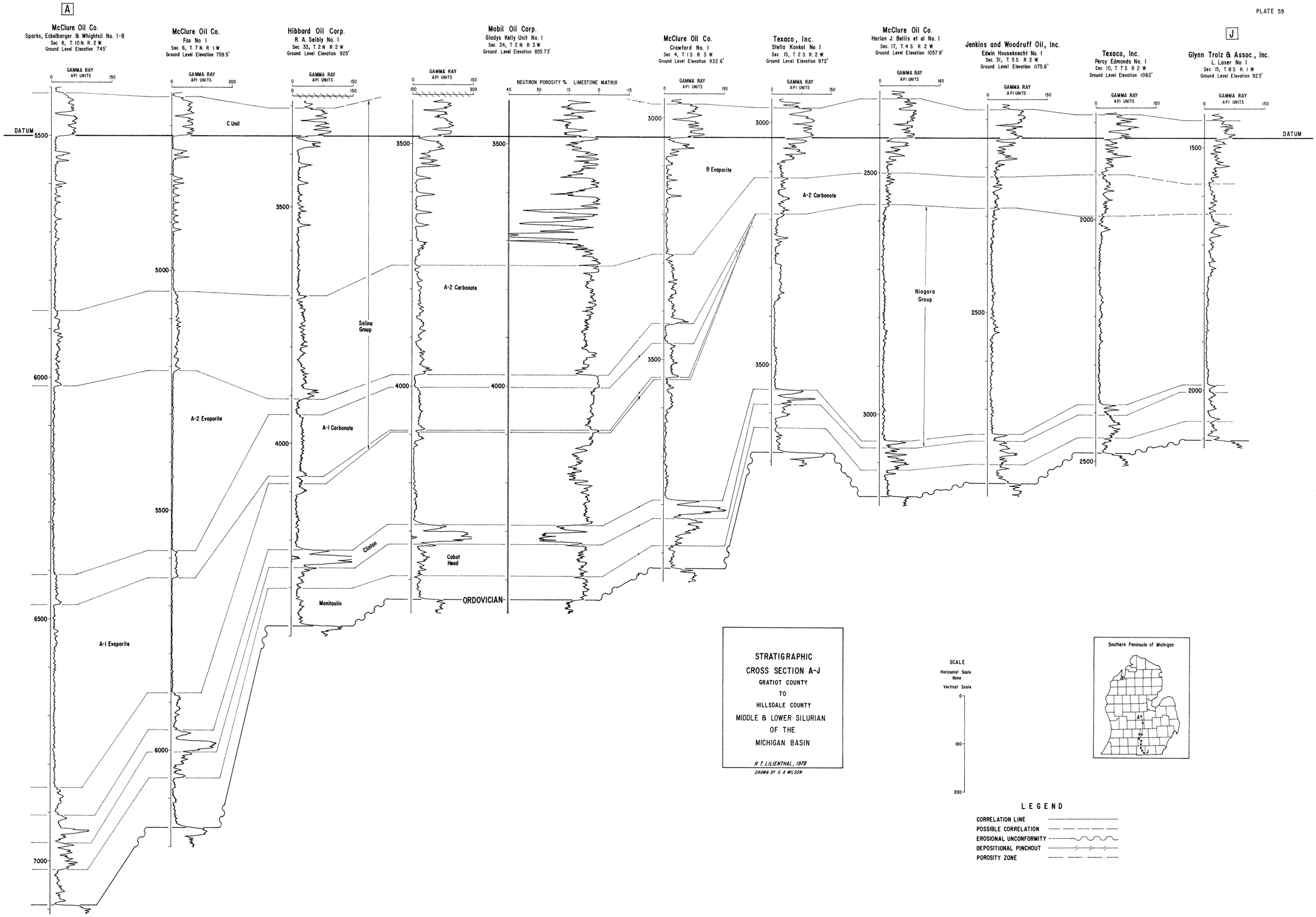
SCALE
Horizontal Scale
None
Vertical Scale
0
100
200

Southern Peninsula of Michigan

LEGEND

- CORRELATION LINE
- POSSIBLE CORRELATION
- EROSIONAL UNCONFORMITY
- DEPOSITIONAL PINCHOUT
- POROSITY ZONE


A
J
McClure Oil Co.
Sparks, Eckelbarger & Whightsil No. 1-8
Sec. 8, T. 10 N. R. 2 W.
Ground Level Elevation 745'
GAMMA RAY
API UNITS
0
150
4000
4500
5000
Amherstburg
Sylvania
Bois Blanc
F Evaporite
D Evaporite
DATUM
McClure Oil Co.
Fox No. 1
Sec. 6, T. 7 N. R. 1 W.
Ground Level Elevation 759.5'
GAMMA RAY
API UNITS
0
200
3500
4000
4500
Hibbard Oil Corp.
R. A. Seibly No. 1
Sec. 33, T. 2 N. R. 2 W.
Ground Level Elevation 925'
GAMMA RAY
API UNITS
0
150
3000
Salina Group
Mobil Oil Corp.
Gladys Kelly Unit No. 1
Sec. 24, T. 2 N. R. 3 W.
Ground Level Elevation 855.73'
GAMMA RAY
API UNITS
0
150
Amherstburg
SILURIAN
G Unit
F Salt 6
F Salt 5
F Salt 4
F Salt 3
F Salt 2
F Salt 1
E Unit
NEUTRON POROSITY %
45
30
15
LIMESTONE MATRIX
0
-15
3000
McClure Oil Co.
Crawford No. 1
Sec. 4, T. 1 S. R. 3 W.
Ground Level Elevation 932.6'
GAMMA RAY
API UNITS
0
150
2500
3000
Bois Blanc
Bass Islands
C Unit
Texaco, Inc.
Stella Konkol No. 1
Sec. 15, T. 2 S. R. 2 W.
Ground Level Elevation 972'
GAMMA RAY
API UNITS
0
150
2500
3000
McClure Oil Co.
Harlan J. Bellis et al No. 1
Sec. 17, T. 4 S. R. 2 W.
Ground Level Elevation 1057.9'
GAMMA RAY
API UNITS
0
165
2000
Jenkins and Woodruff Oil, Inc.
Edwin Houseknecht No. 1
Sec. 31, T. 5 S. R. 2 W.
Ground Level Elevation 1175.6'
GAMMA RAY
API UNITS
0
150
2000
Texaco, Inc.
Percy Edmonds No. 1
Sec. 10, T. 7 S. R. 2 W.
Ground Level Elevation 1082'
GAMMA RAY
API UNITS
0
150
1500
Glynn Trolz & Assoc., Inc.
L. Laser No. 1
Sec. 15, T. 8 S. R. 1 W.
Ground Level Elevation 923'
GAMMA RAY
API UNITS
0
150
1400
DATUM
STRATIGRAPHIC
CROSS SECTION A-J
GRATIOT COUNTY
TO
HILLSDALE COUNTY
MIDDLE & LOWER DEVONIAN
& UPPER SILURIAN
OF THE
MICHIGAN BASIN
R. T. LILIENTHAL, 1978
DRAWN BY G. A. WILSON
SCALE
Horizontal Scale
None
Vertical Scale
0
100
200
LEGEND
CORRELATION LINE
POSSIBLE CORRELATION
EROSIONAL UNCONFORMITY
DEPOSITIONAL PINCHOUT
POROSITY ZONE
Southern Peninsula of Michigan
A
J


A
J
McClure Oil Co.
Sparks, Eckelbarger & Whightsil No. 1-8
Sec. 8, T. 10 N. R. 2 W.
Ground Level Elevation 745'
McClure Oil Co.
Fox No. 1
Sec. 6, T. 7 N. R. 1 W.
Ground Level Elevation 759.5'
Hibbard Oil Corp.
R. A. Seibly No. 1
Sec. 33, T. 2 N. R. 2 W.
Ground Level Elevation 925'
Mobil Oil Corp.
Gladys Kelly Unit No. 1
Sec. 24, T. 2 N. R. 3 W.
Ground Level Elevation 855.73'
McClure Oil Co.
Crawford No. 1
Sec. 4, T. 1 S. R. 3 W.
Ground Level Elevation 932.6'
Texaco, Inc.
Stella Konkol No. 1
Sec. 15, T. 2 S. R. 2 W.
Ground Level Elevation 972'
McClure Oil Co.
Harlan J. Bellis et al No. 1
Sec. 17, T. 4 S. R. 2 W.
Ground Level Elevation 1057.9'
Jenkins and Woodruff Oil, Inc.
Edwin Houseknecht No. 1
Sec. 31, T. 5 S. R. 2 W.
Ground Level Elevation 1175.6'
Texaco, Inc.
Percy Edmonds No. 1
Sec. 10, T. 7 S. R. 2 W.
Ground Level Elevation 1082'
Glynn Trolz & Assoc., Inc.
L. Laser No. 1
Sec. 15, T. 8 S. R. 1 W.
Ground Level Elevation 923'
GAMMA RAY API UNITS
NEUTRON POROSITY % LIMESTONE MATRIX
DATUM
C Unit
A-2 Evaporite
A-1 Evaporite
Salina Group
A-1 Carbonate
A-2 Carbonate
Clinton
Manitoulin
Cabot Head
ORDOVICIAN
B Evaporite
A-2 Carbonate
Niagara Group
STRATIGRAPHIC
CROSS SECTION A-J
GRATIOT COUNTY
TO
HILLSDALE COUNTY
MIDDLE & LOWER SILURIAN
OF THE
MICHIGAN BASIN
R. T. LILIENTHAL, 1978
DRAWN BY G. A. WILSON
SCALE
Horizontal Scale
None
Vertical Scale
Southern Peninsula of Michigan
LEGEND
CORRELATION LINE
POSSIBLE CORRELATION
EROSIONAL UNCONFORMITY
DEPOSITIONAL PINCHOUT
POROSITY ZONE