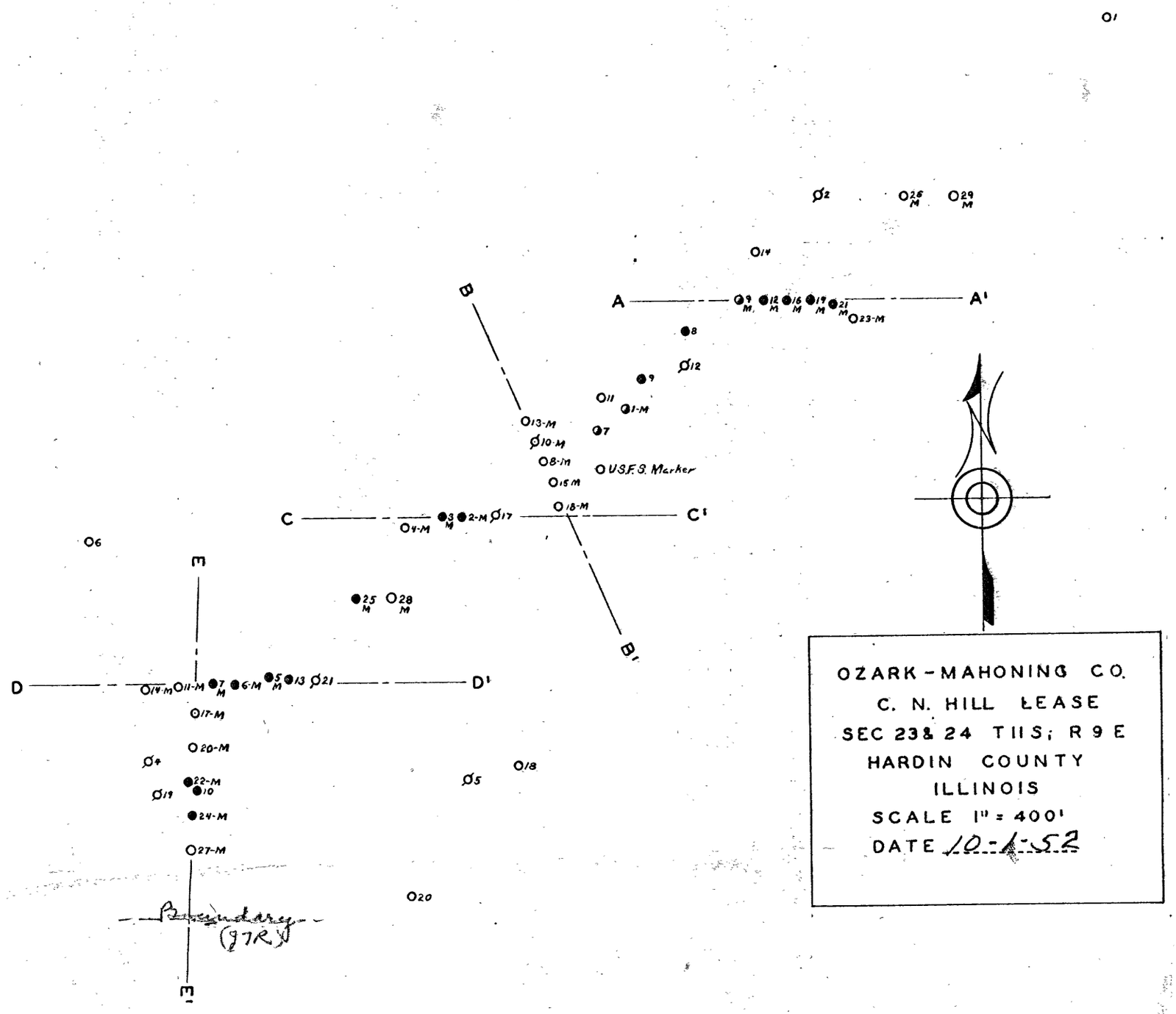
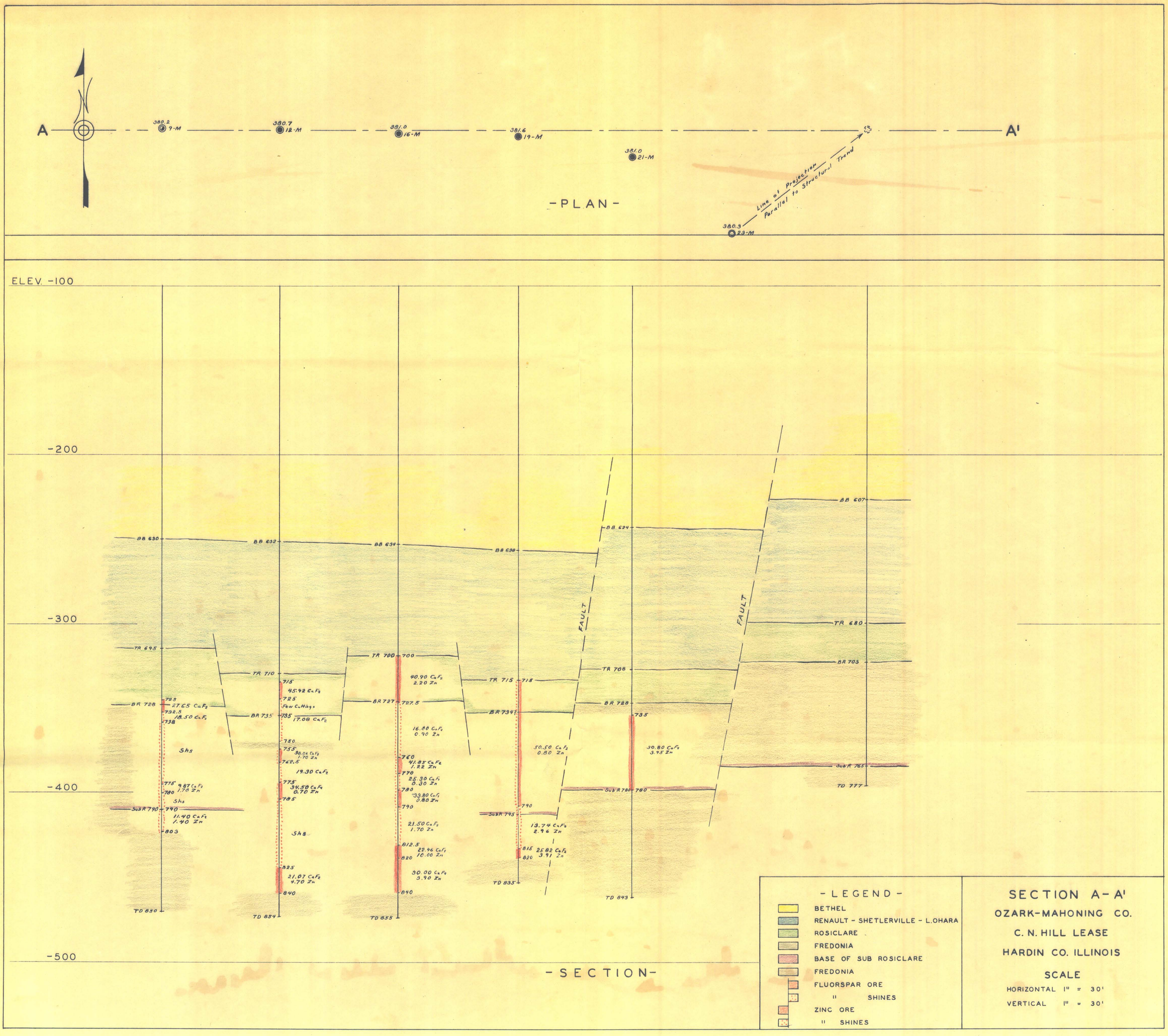
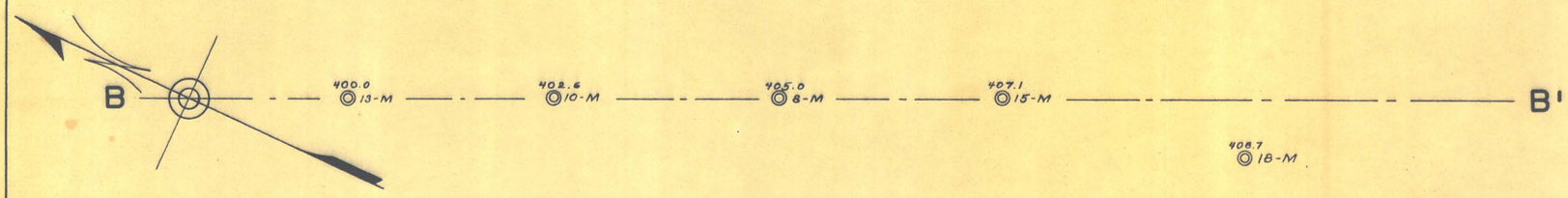
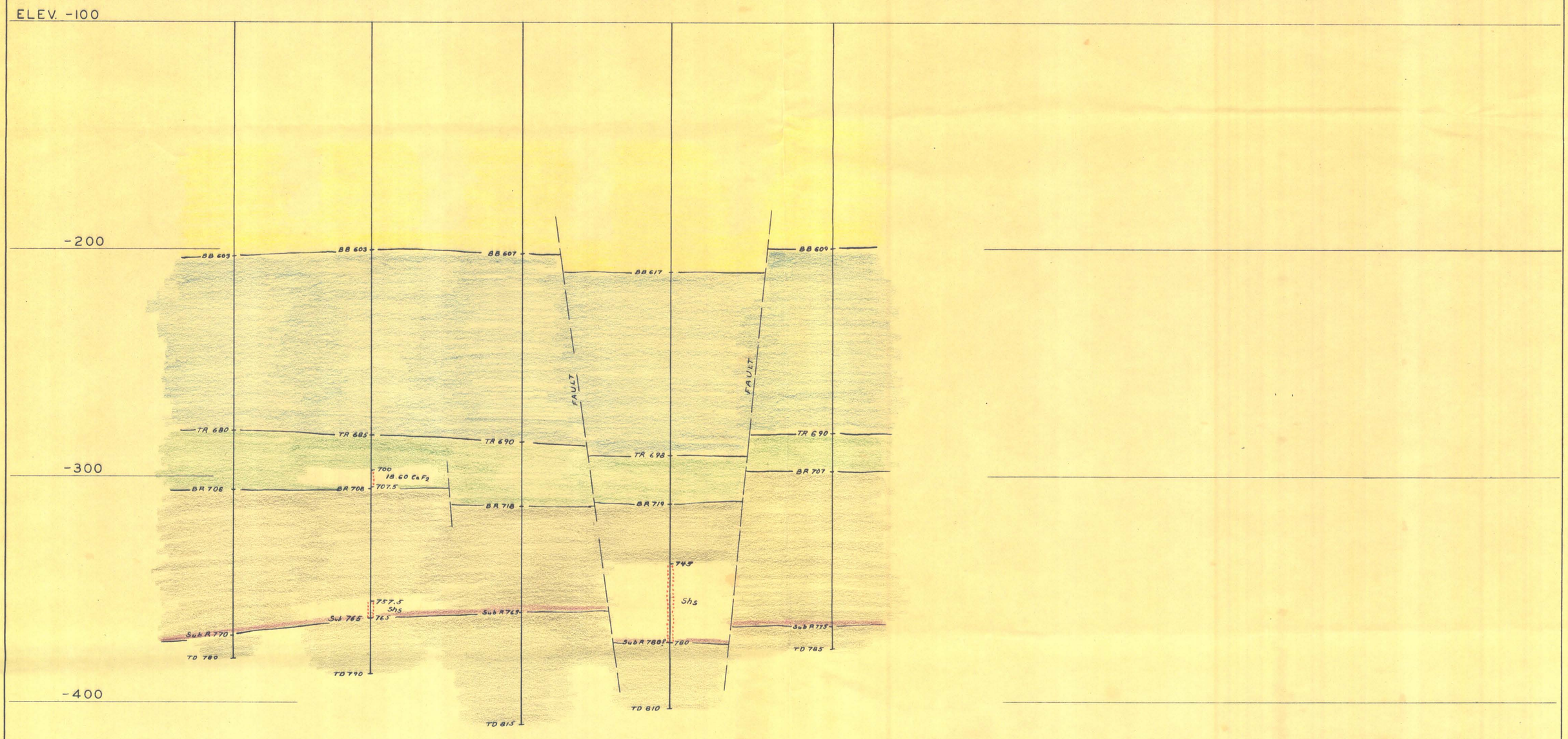

A
A'
B
B'
C
C'
D
D'
E
E'
U.S.F.S. Marker
Boundary
(J7R)
OZARK-MAHONING CO.
C. N. HILL LEASE
SEC 23 & 24 T11S; R9E
HARDIN COUNTY
ILLINOIS
SCALE 1" = 400'
DATE 10-1-52


A
A'
380.2
9-M
380.7
12-M
381.0
16-M
381.6
19-M
381.0
21-M
380.3
23-M
Line of Projection
Parallel to Structural Trend
-PLAN-
ELEV. -100
-200
-300
-400
-500
BB 630
BB 632
BB 634
BB 638
BB 624
BB 607
TR 695
TR 710
TR 700
TR 715
TR 708
TR 680
BR 728
BR 735
BR 727
BR 734
BR 728
BR 703
SubR 790
SubR 795
SubR 780
SubR 765
TD 830
TD 854
TD 835
TD 835
TD 843
TD 777
FAULT
FAULT
27.65 CaF2
18.50 CaF2
Shs
9.87 CaF2
1.78 Zn
Shs
11.40 CaF2
1.40 Zn
45.92 CaF2
Few Cu Hdgs
17.08 CaF2
38.06 CaF2
1.70 Zn
19.30 CaF2
34.50 CaF2
0.70 Zn
Shs
21.07 CaF2
4.70 Zn
40.90 CaF2
2.20 Zn
16.80 CaF2
0.90 Zn
41.85 CaF2
1.22 Zn
25.30 CaF2
0.30 Zn
33.80 CaF2
0.80 Zn
21.50 CaF2
1.70 Zn
22.96 CaF2
10.00 Zn
30.00 CaF2
3.90 Zn
50.50 CaF2
0.80 Zn
13.74 CaF2
2.96 Zn
25.82 CaF2
3.91 Zn
30.80 CaF2
3.95 Zn
-SECTION-
-LEGEND-
BETHEL
RENAULT - SHETLERVILLE - L.OHARA
ROSICLARE
FREDONIA
BASE OF SUB ROSICLARE
FREDONIA
FLUORSPAR ORE
" SHINES
ZINC ORE
" SHINES
SECTION A-A'
OZARK-MAHONING CO.
C. N. HILL LEASE
HARDIN CO. ILLINOIS
SCALE
HORIZONTAL 1" = 30'
VERTICAL 1" = 30'



-PLAN-



-SECTION-

- LEGEND -

- BETHEL
- RENAULT - SHETLERVILLE - L.OHARA
- ROSICLARE
- FREDONIA
- BASE OF SUB ROSICLARE
- FREDONIA
- FLUORSPAR ORE
- " SHINES
- ZINC ORE
- " SHINES

SECTION B-B'

OZARK-MAHONING CO.

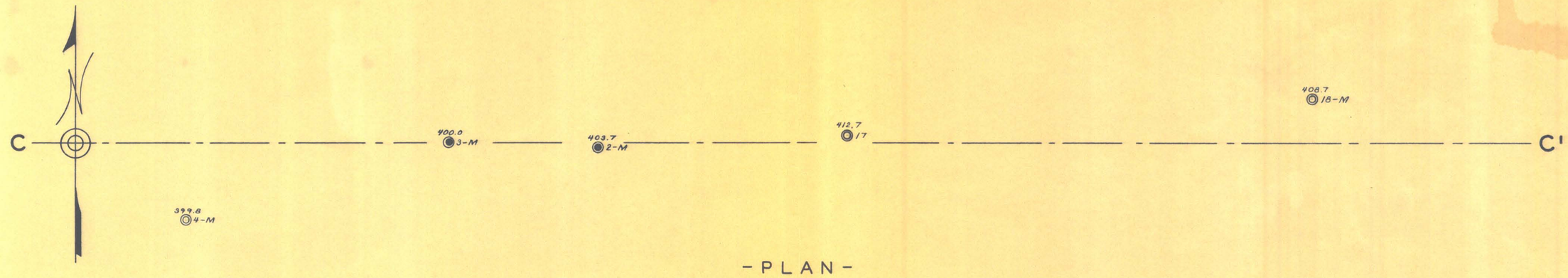
C. N. HILL LEASE

HARDIN CO. ILLINOIS

SCALE

HORIZONTAL 1" = 30'

VERTICAL 1" = 30'



-PLAN-

-SECTION-

- LEGEND -

- BETHEL
- RENAULT - SHETLERVILLE - L. OHARA
- ROSICLARE
- FREDONIA
- BASE OF SUB ROSICLARE
- FREDONIA
- FLUORSPAR ORE
- " SHINES
- ZINC ORE
- " SHINES

SECTION C-C'

OZARK-MAHONING CO.

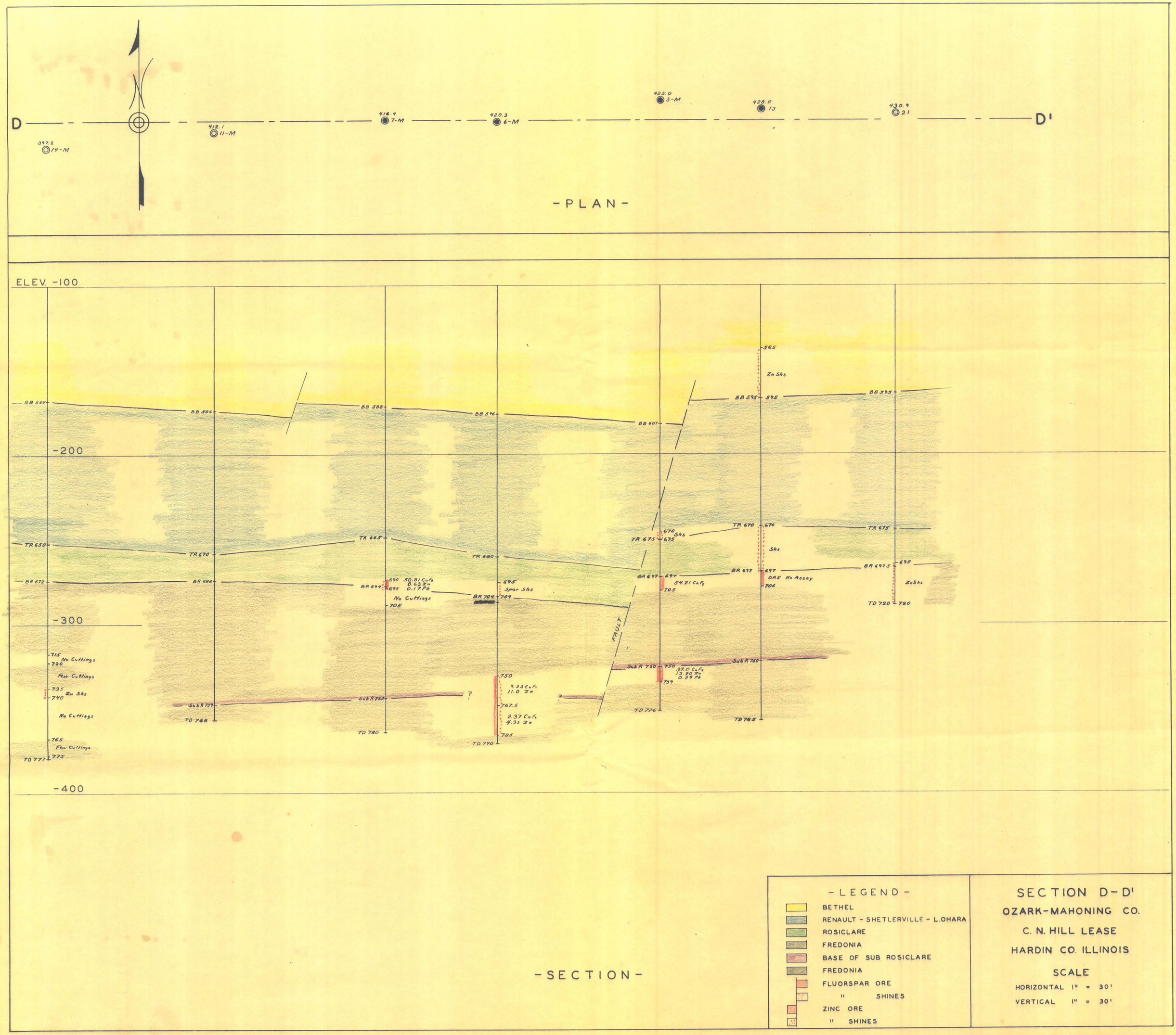
C. N. HILL LEASE

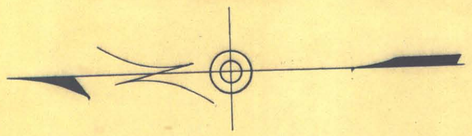
HARDIN CO. ILLINOIS

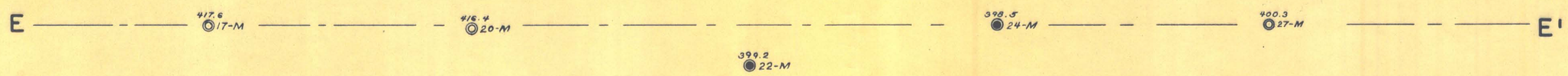
SCALE

HORIZONTAL 1" = 30'

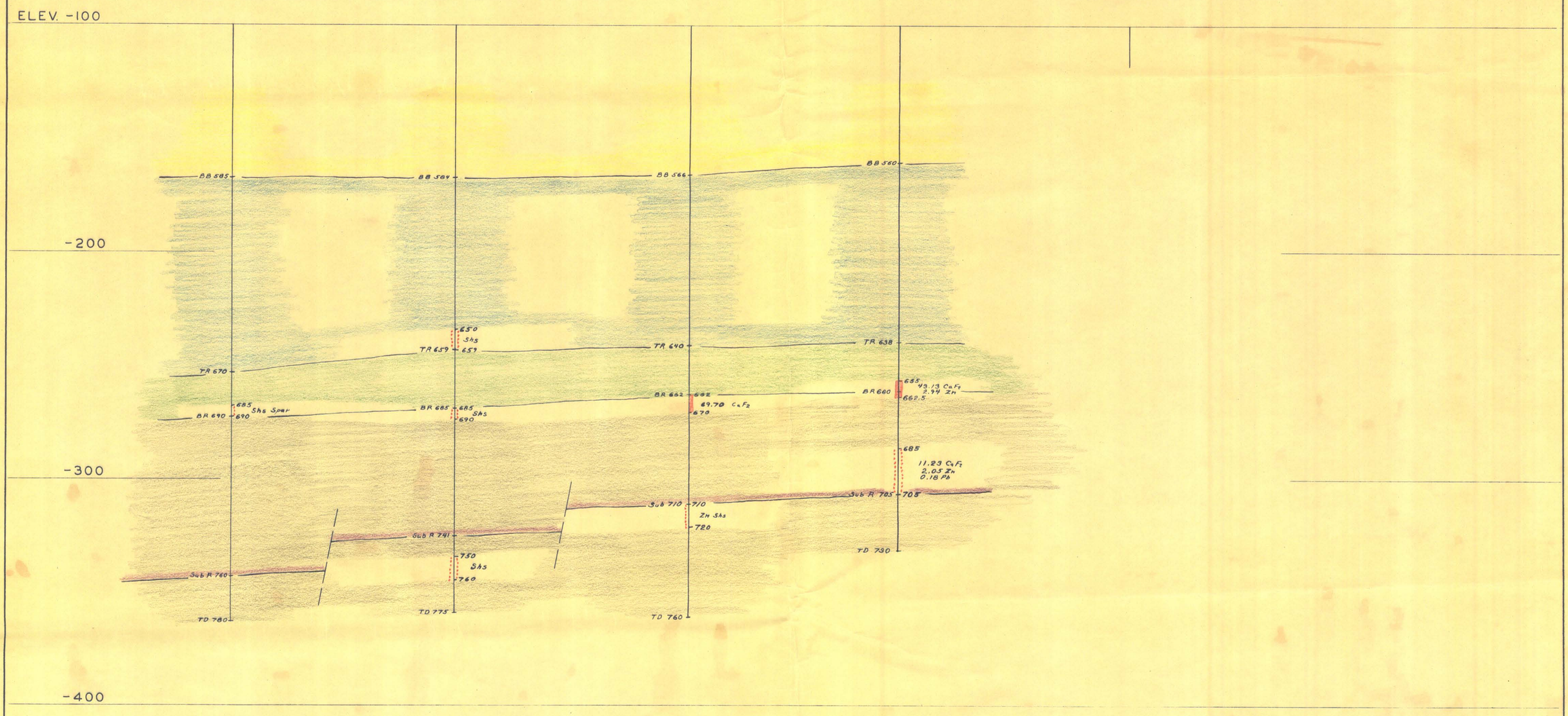
VERTICAL 1" = 30'


D
D'
397.2
14-M
412.1
11-M
416.4
7-M
420.3
6-M
425.0
5-M
428.0
13
430.9
21
-PLAN-
ELEV. -100
-200
-300
-400
BB 566
BB 586
BB 588
BB 596
BB 607
BB 595
565
Zn Shs
595
TR 650
TR 670
TR 665
TR 680
TR 675
670
Shs
BR 672
BR 686
BR 694
690
695
50.81 CaF2
0.63 Zn
0.17 Pb
No Cuttings
BR 704
704
705
Spar Shs
BR 697
697
54.21 CaF2
706
ORE No Assay
BR 697.5
TD 720
720
ZnShs
FAULT
Sub R 737
TD 768
Sub R 760
TD 780
750
9.23 CaF2
11.0 Zn
767.5
2.37 CaF2
4.35 Zn
785
TD 790
Sub R 750
730
37.0 CaF2
13.20 Zn
0.24 Pb
739
TD 776
TD 785
715
720
Few Cuttings
735
740
Zn Shs
No Cuttings
765
Few Cuttings
775
TD 777
-SECTION-
-LEGEND-
BETHEL
RENAULT - SHETLERVILLE - L.OHARA
ROSICLARE
FREDONIA
BASE OF SUB ROSICLARE
FREDONIA
FLUORSPAR ORE
" SHINES
ZINC ORE
" SHINES
SECTION D-D'
OZARK-MAHONING CO.
C. N. HILL LEASE
HARDIN CO. ILLINOIS
SCALE
HORIZONTAL 1" = 30'
VERTICAL 1" = 30'





-PLAN-



-SECTION-

- LEGEND -

- BETHEL
- RENAULT - SHETLERVILLE - L.OHARA
- ROSICLARE
- FREDONIA
- BASE OF SUB ROSICLARE
- FREDONIA
- FLUORSPAR ORE
- " SHINES
- ZINC ORE
- " SHINES

SECTION E-E'

OZARK-MAHONING CO.

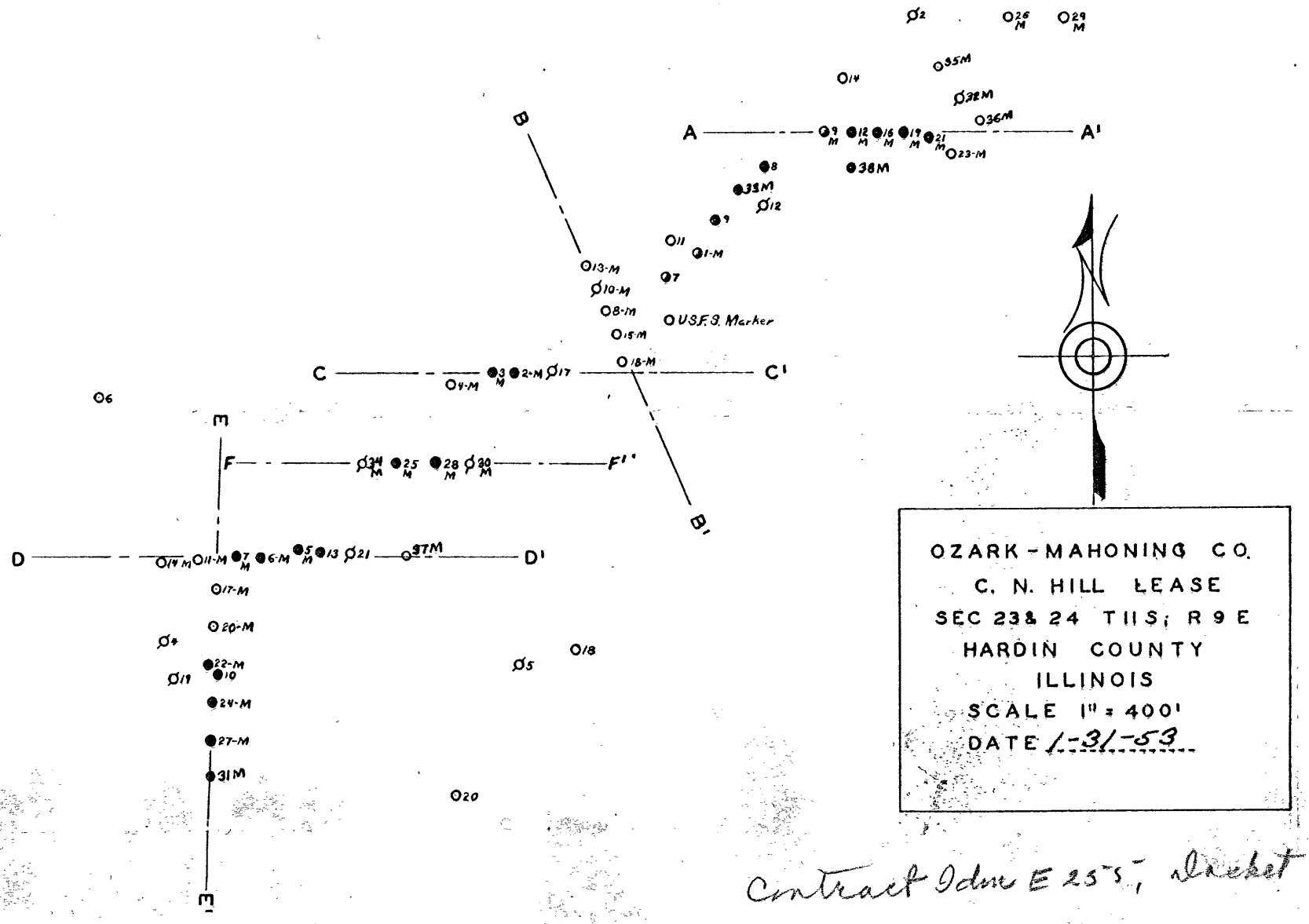
C. N. HILL LEASE

HARDIN CO. ILLINOIS

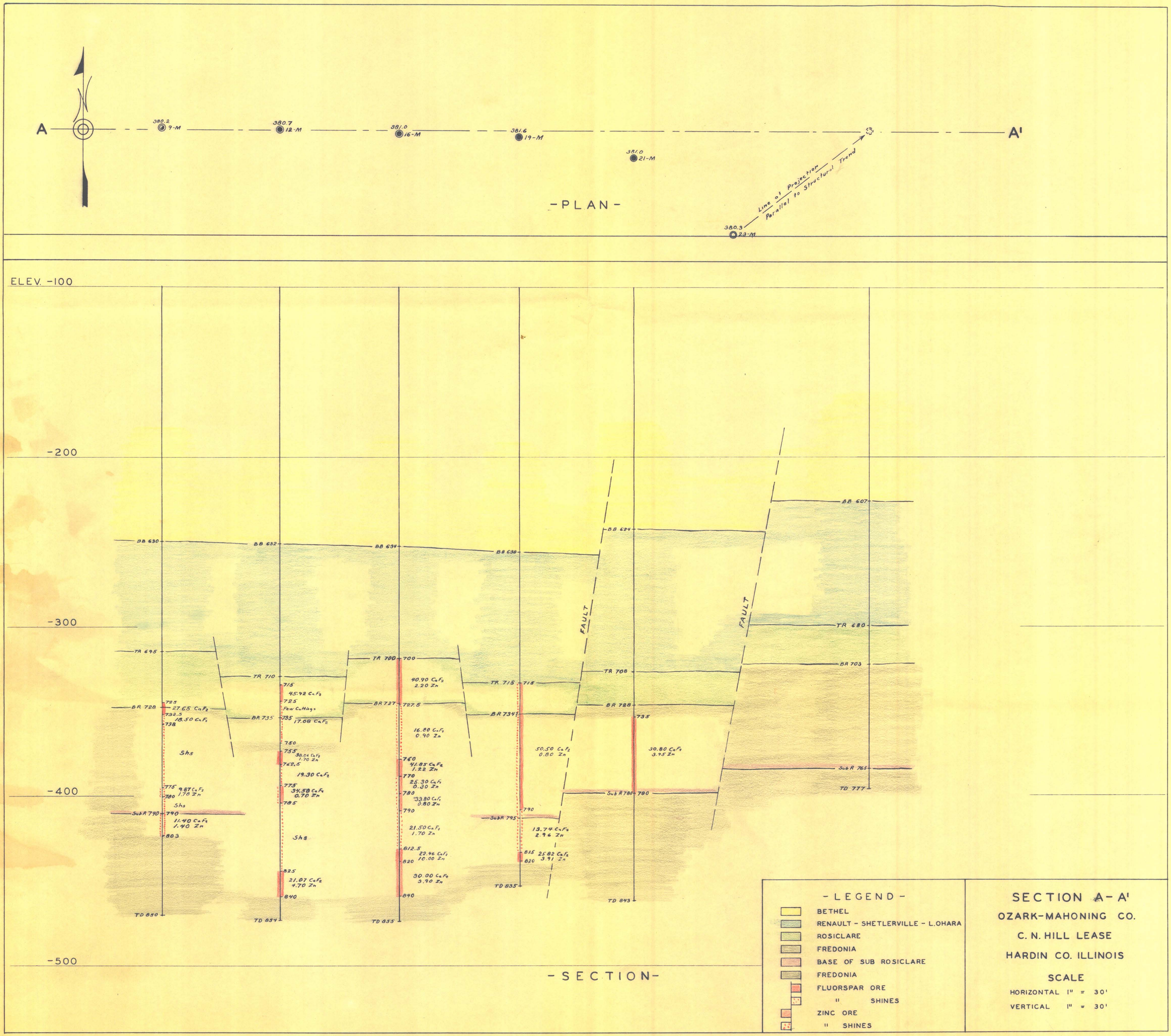
SCALE

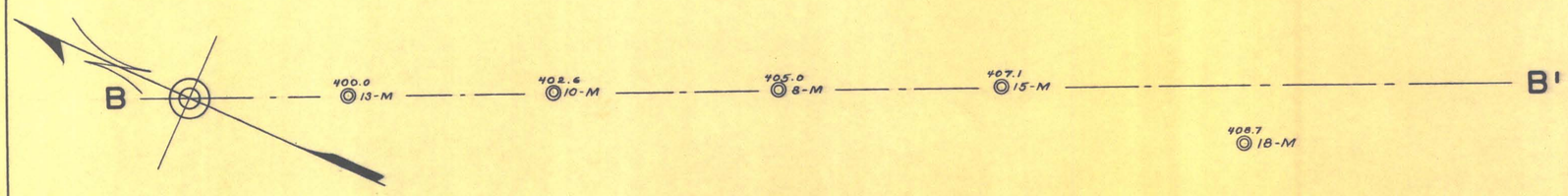
HORIZONTAL 1" = 30'

VERTICAL 1" = 30'



Contract Idnc E 25-5, docket DMEA-2248


A
A'
380.2
9-M
380.7
12-M
381.0
16-M
381.6
19-M
381.0
21-M
380.3
23-M
Line of Projection
Parallel to Structural Trend
-PLAN-
ELEV. -100
-200
-300
-400
-500
BB 630
BB 632
BB 634
BB 638
BB 624
BB 607
TR 695
TR 710
TR 700
TR 715
TR 708
TR 680
BR 728
BR 735
BR 727
BR 734
BR 728
BR 703
SubR 790
SubR 795
SubR 780
SubR 765
TD 850
TD 854
TD 855
TD 835
TD 843
TD 777
FAULT
FAULT
27.65 CaF2
18.50 CaF2
Shs
9.87 CaF2
1.78 Zn
11.40 CaF2
1.40 Zn
45.92 CaF2
Few CuHlngs
17.08 CaF2
38.04 CaF2
1.90 Zn
19.30 CaF2
34.58 CaF2
0.70 Zn
21.07 CaF2
4.70 Zn
40.90 CaF2
2.20 Zn
16.80 CaF2
0.90 Zn
41.85 CaF2
1.22 Zn
25.30 CaF2
0.30 Zn
33.80 CaF2
0.80 Zn
21.50 CaF2
1.70 Zn
22.96 CaF2
10.00 Zn
30.00 CaF2
3.90 Zn
50.50 CaF2
0.80 Zn
13.74 CaF2
2.96 Zn
25.82 CaF2
3.91 Zn
30.80 CaF2
3.95 Zn
-SECTION-
-LEGEND-
BETHEL
RENAULT - SHETLERVILLE - L.OHARA
ROSICLARE
FREDONIA
BASE OF SUB ROSICLARE
FREDONIA
FLUORSPAR ORE
" SHINES
ZINC ORE
" SHINES
SECTION A-A'
OZARK-MAHONING CO.
C. N. HILL LEASE
HARDIN CO. ILLINOIS
SCALE
HORIZONTAL 1" = 30'
VERTICAL 1" = 30'



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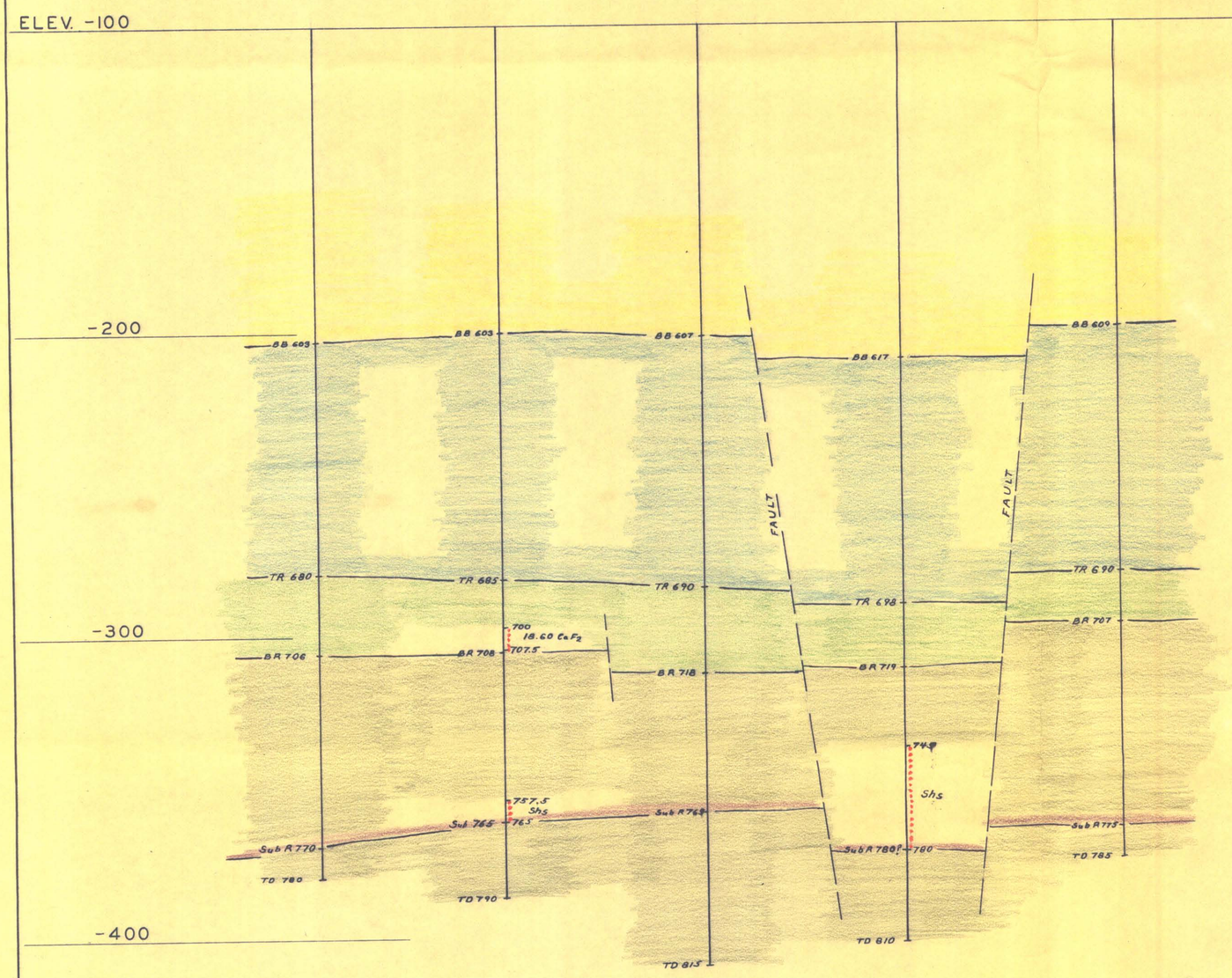


-SECTION-

- LEGEND -

- BETHEL
- RENAULT - SHETLERVILLE - L.OHARA
- ROSICLARE
- FREDONIA
- BASE OF SUB ROSICLARE
- FREDONIA
- FLUORSPAR ORE
- " SHINES
- ZINC ORE
- " SHINES

SECTION B-B'

OZARK-MAHONING CO.

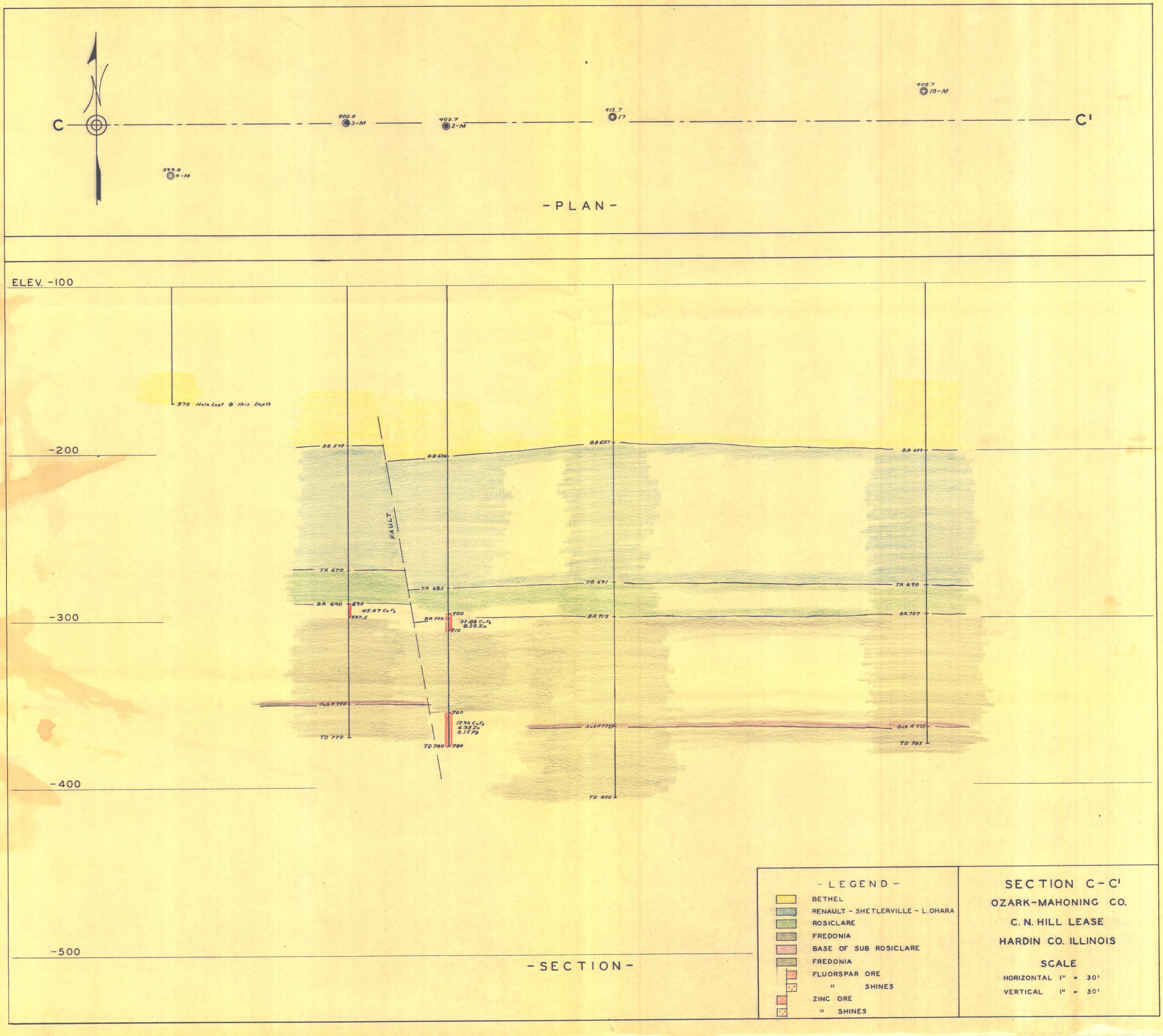
C. N. HILL LEASE

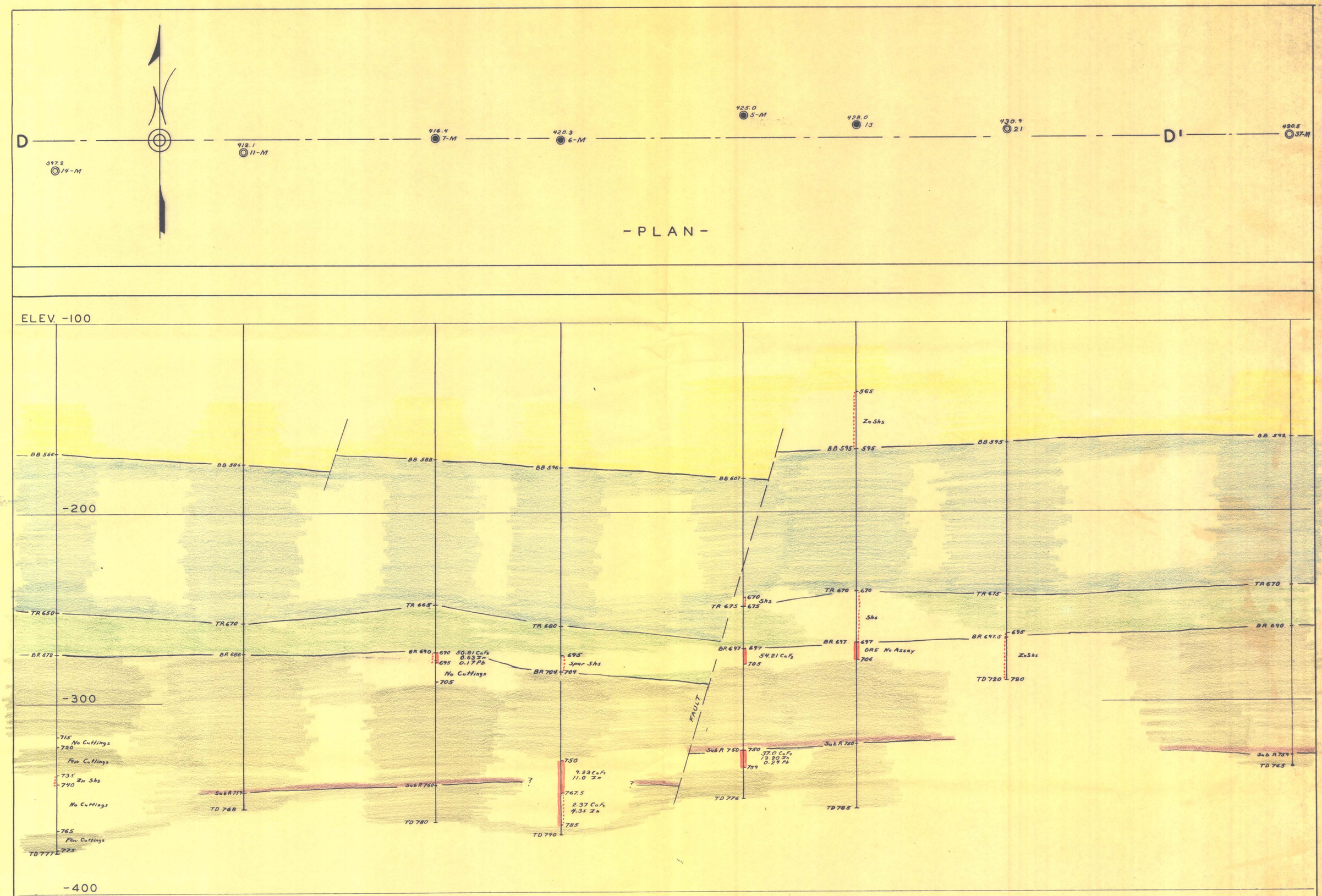
HARDIN CO. ILLINOIS

SCALE

HORIZONTAL 1" = 30'

VERTICAL 1" = 30'


C
C'
399.8
4-M
400.0
3-M
403.7
2-M
412.7
17
408.7
18-M
-PLAN-
ELEV. -100
-200
-300
-400
-500
570 Hole Lost @ this Depth
BB 595
BB 606
BB 607
BB 609
FAULT
TR 670
TR 685
TR 691
TR 690
BR 690
690
45.67 CaF2
697.5
BR 703
700
31.03 CaF2
0.20 Zn
710
BR 712
BR 707
Sub R 750
760
17.90 CaF2
6.55 Zn
0.15 Pb
780
TD 770
TD 780
Sub R 775
TD 785
TD 820
-SECTION-
-LEGEND-
BETHEL
RENAULT - SHETLERVILLE - L. OHARA
ROSICLARE
FREDONIA
BASE OF SUB ROSICLARE
FREDONIA
FLUORSPAR ORE
" SHINES
ZINC ORE
" SHINES
SECTION C-C'
OZARK-MAHONING CO.
C. N. HILL LEASE
HARDIN CO. ILLINOIS
SCALE
HORIZONTAL 1" = 30'
VERTICAL 1" = 30'



-SECTION-

-LEGEND-

- BETHEL
- RENAULT - SHETLERVILLE - L.OHARA
- ROSICLARE
- FREDONIA
- BASE OF SUB ROSICLARE
- FREDONIA
- FLUORSPAR ORE
- " SHINES
- ZINC ORE
- " SHINES

SECTION D-D'

OZARK-MAHONING CO.

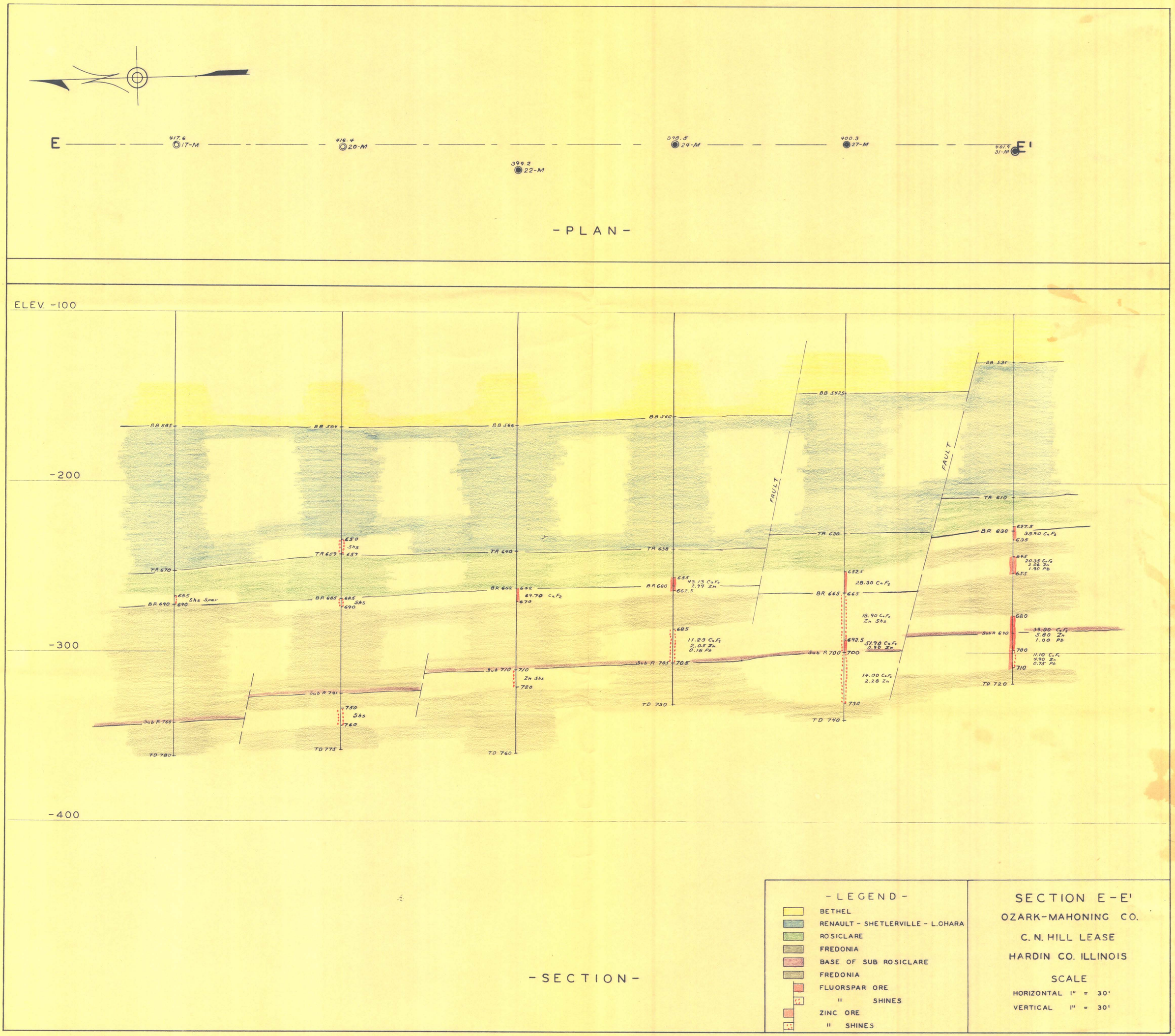
C. N. HILL LEASE

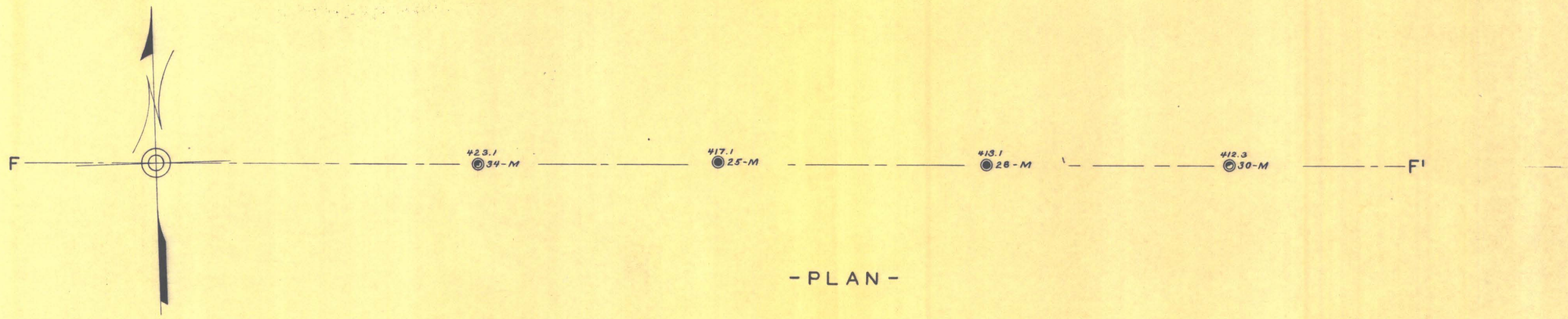
HARDIN CO. ILLINOIS

SCALE

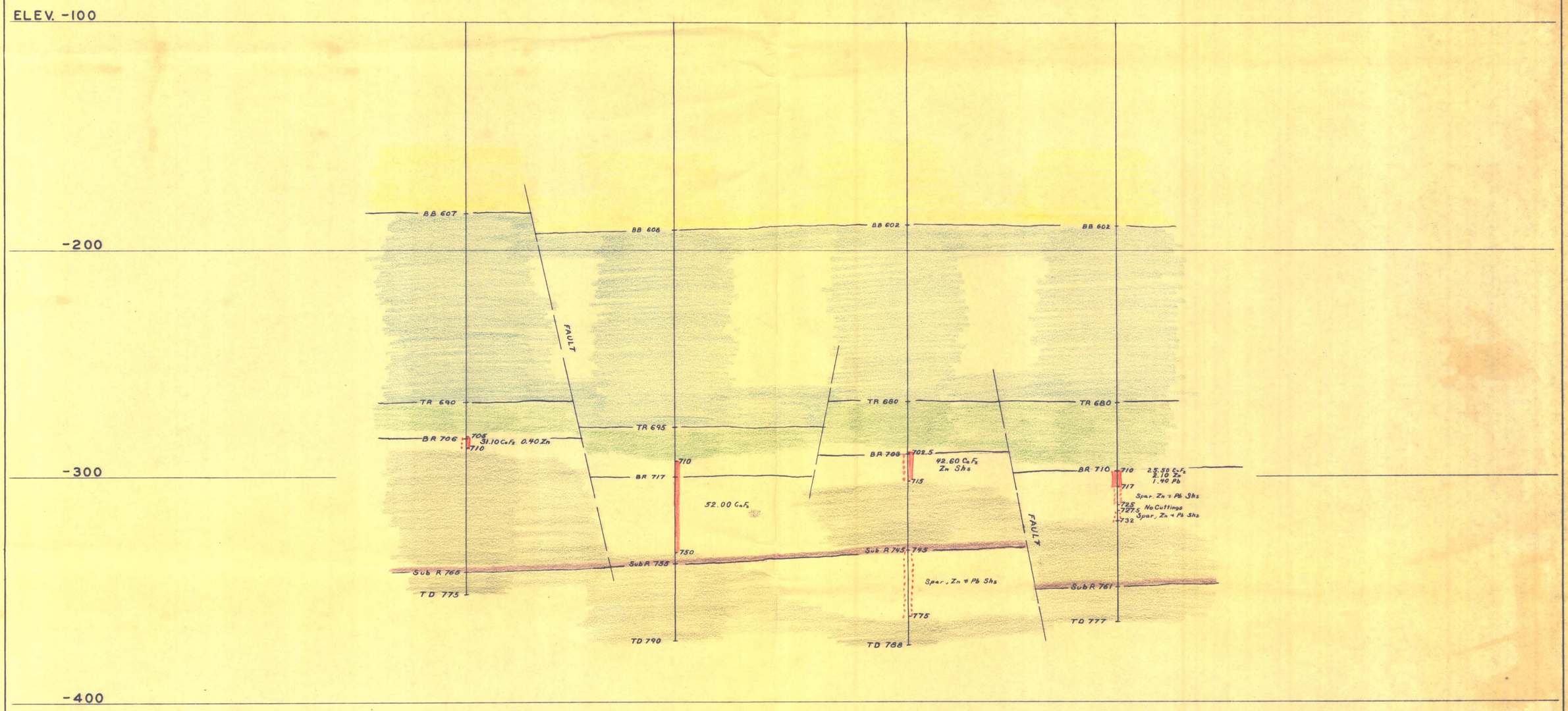
HORIZONTAL 1" = 30'

VERTICAL 1" = 30'


E
E'
417.6
17-M
416.4
20-M
399.2
22-M
398.5
24-M
400.3
27-M
401.5
31-M
-PLAN-
ELEV. -100
-200
-300
-400
BB 585
BB 584
BB 566
BB 560
BB 547.5
BB 531
FAULT
FAULT
TR 670
TR 659
TR 640
TR 638
TR 630
TR 610
BR 690
BR 685
BR 662
BR 660
BR 665
BR 630
Sub R 760
Sub R 741
Sub 710
Sub R 705
Sub R 700
Sub R 690
TD 780
TD 775
TD 760
TD 730
TD 740
TD 720
650
Shs
659
685
Shs Spar
690
685
Shs
690
662
69.70 CaF2
670
635
43.13 CaF2
2.94 Zn
662.5
685
11.23 CaF2
2.05 Zn
0.18 Pb
710
Zn Shs
720
750
Shs
760
652.5
28.30 CaF2
665
18.90 CaF2
Zn Shs
692.5
51.90 CaF2
0.90 Zn
700
14.00 CaF2
2.28 Zn
730
627.5
35.90 CaF2
635
695
20.35 CaF2
2.06 Zn
1.90 Pb
655
660
39.00 CaF2
5.80 Zn
1.00 Pb
700
11.10 CaF2
4.90 Zn
0.75 Pb
710
-SECTION-
-LEGEND-
BETHEL
RENAULT - SHETLERVILLE - L.OHARA
ROSICLARE
FREDONIA
BASE OF SUB ROSICLARE
FREDONIA
FLUORSPAR ORE
" SHINES
ZINC ORE
" SHINES
SECTION E-E'
OZARK-MAHONING CO.
C. N. HILL LEASE
HARDIN CO. ILLINOIS
SCALE
HORIZONTAL 1" = 30'
VERTICAL 1" = 30'



-PLAN-



-SECTION-

-LEGEND-

- BETHEL
- RENAULT - SHETLERVILLE - L.OHARA
- ROSICLARE
- FREDONIA
- BASE OF SUB ROSICLARE
- FREDONIA
- FLUORSPAR ORE
- " SHINES
- ZINC ORE
- " SHINES

SECTION F-F'

OZARK-MAHONING CO.

C. N. HILL LEASE

HARDIN CO. ILLINOIS

SCALE

HORIZONTAL 1" = 30'

VERTICAL 1" = 30'

Mineralized Trend

Portion of Hill & Ledford 598 Acre Tract

EUNICE TAYLOR 40 AC

C. N. HILL 598 AC

DAN WALTON 80 AC

C. WINTERS 80 AC.

ROXIE LEDBETTER 40 AC

MINERVA O. CO. SHAFT

J. S. MILLIGAN 202 AC

E. BISHOP 33 AC

FRANK PRICE 40 AC

J. PRICE 40 AC

WILLIS CROW 40 AC.

E. SHORES 40 AC

B. L. MILLIGAN 83 AC

T. H. AUSTIN 80 AC.

M. BISHOP 80 AC

ILLINOIS ROUTE #1

25

R-9-E R-10-E

JOHN HUFSEY 80 AC.

CEMETERY

SCHOOL

JOE PRICE 9 AC

LOREN HUFSEY 30 AC.

S. E. OXFORD 230 AC

M. F. OXFORD 99 AC

M. HUFSEY 100 AC

JEFF PRICE 80 AC

S.E. OXFORD 30 AC

E. A. MAHON 40 AC

NORTH GREEN MINE

EAST GREEN MINE

W. C. GREEN 100 AC - U.S.F.S.

N. A. SIMMONS 40 AC

A. L. DAVIS 117 1/2 AC.

W. C. DUTTON 79 AC

GROVER DOUGLAS 200 AC

12000 E

14000 E

16000 E

N. A. SIMMONS 20 AC

C. EDWARDS 40 AC

A. L. DAVIS 157 AC

H. F. PAGE 103 AC.

T-11-S

T-12-S

MAHONING MINING CO.

MAP OF

CAVE-IN-ROCK FLUORSPAR DISTRICT

T 11 & 12 S R 9 & 10 E

HARDIN COUNTY

ILLINOIS

LEGEND

DRILL HOLE SHOWING ORE

DRILL HOLE SHOWING MARGINAL ORE TO A TRACE

DRILL HOLE BARREN

MINE SHAFT

FRACTURES

BETHEL HORIZON

ROSICLARE HORIZON

SUB-ROSICLARE HORIZON

MINE WORKINGS

MAHONING M. CO.

MINERVA OIL CO.

CRYSTAL F. CO.

VICTORY F. M. CO.

HILLSIDE F. CO.

N

SCALE

1 INCH = 400 FEET

DATE 11-7-51

EUREKA PROSPECT
MARTIN PROSPECT
S. J. HYMAN 40 AC
F. E. MARTIN 70 AC.
FAULT
SHERMAN JOINER 45 AC
D. J. DAVIS 162 AC.
PETERS CREEK
C. & P. AUSTIN 171 AC.
HALLOWAY 80 AC
IDA OXFORD 92 AC.
EDGAR DAVIS
W.L. DAVIS MINE
W.L. DAVIS NO 2
W. L. DAVIS 167 AC.
EDGAR DAVIS 41 AC.
DEARDORFF SHAFT
A.L. DAVIS MINE
NEVA DEARDORFF ET AL 120 AC.
A. L. DAVIS 157 AC.
CEMETERY
HILLSIDE F. CO.
VICTORY MINES
DEFENDER MINE
L. R. TEMS
VICTORY F. CO.
ADDISON SHAFT
CARLISLE SHAFT
GREEN MINE
EAST GREEN MINE
N. A. SIMMONS 20 AC
R. F. AUSTIN
LEAD MINE
CLEVELAND MINE
CAVE IN ROCK MINES
C. PARKER
GRISCHY BROS.
R. F. AUSTIN
OXFORD WEST MORRISON
LEAD HILL
E. OXFORD
ALCO LEAD CO
GRISCHY BROS.
FLUORSPAR PRODUCTS CO.

Drilling
Completed
Spring
U.S.F.S. Marker
N.E. COR. OF THE N.E. 1/4 OF THE S.E. 1/4 OF SEC. 23 T11S; R9E
S.W. COR. OF THE N.E. 1/4 OF THE S.E. 1/4 OF SEC. 23 T11S; R9E
NOTE: All subsurface elevations are below Sea Level.
SCALE 1" = 100'
DATE 7-2-53
OZARK - MAHONING CO.
MAP
SHOWING
PART OF C.N. HILL 598
ACRE TRACT
SECT. 23 & 24 T.11S.; R.9E.
HARDIN CO.
ILLINOIS
7000 E
7500 E
8000 E
8500 E
9000 E
9500 E
10000 E