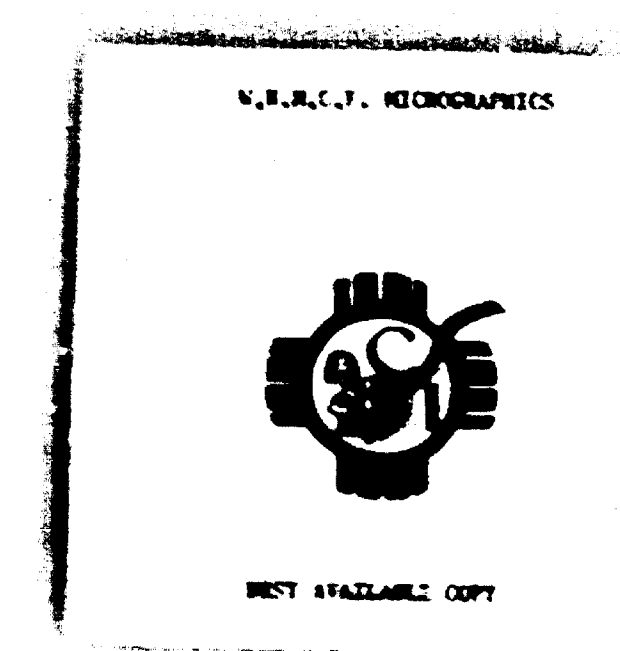
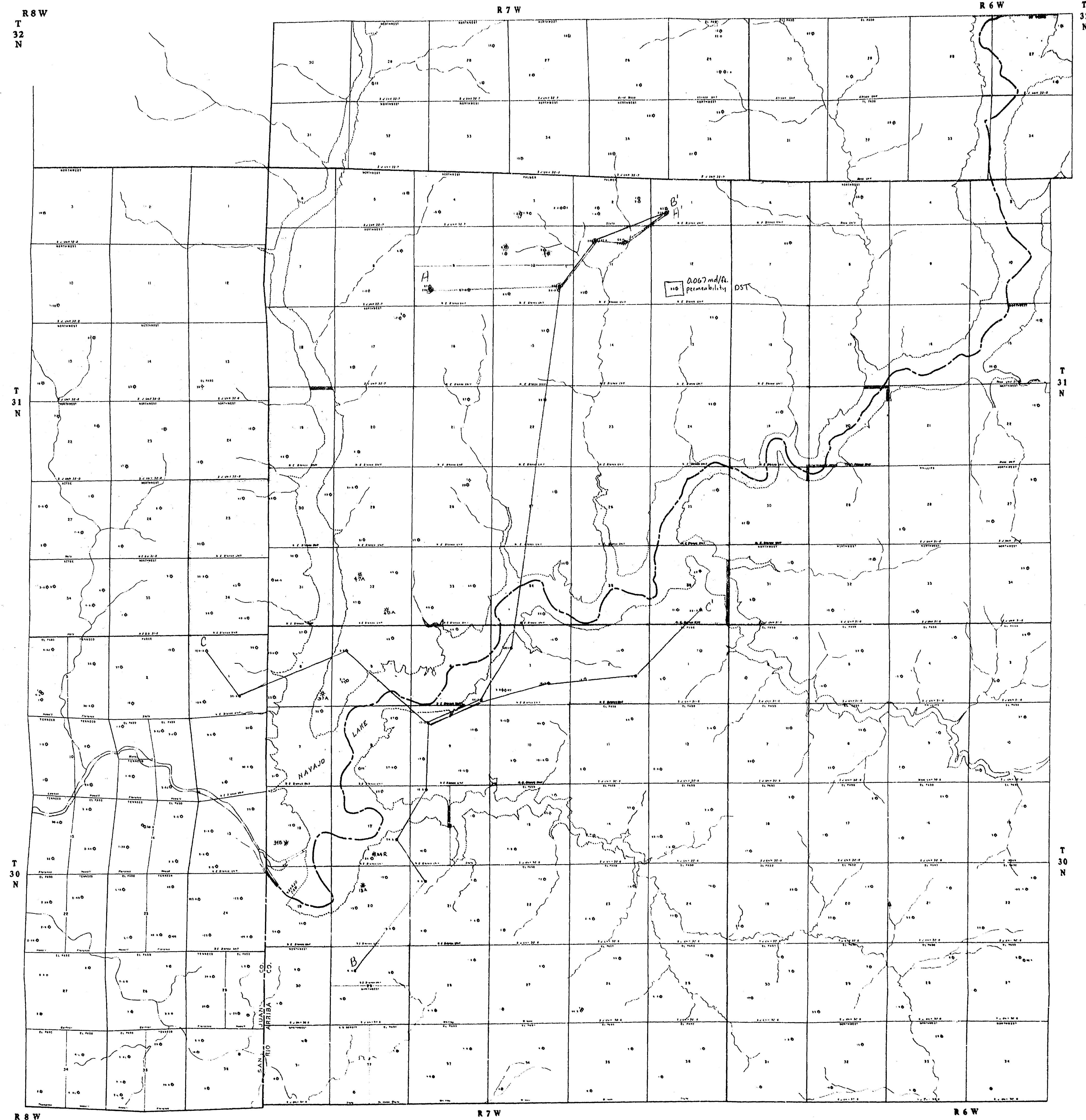


Case No.
7087

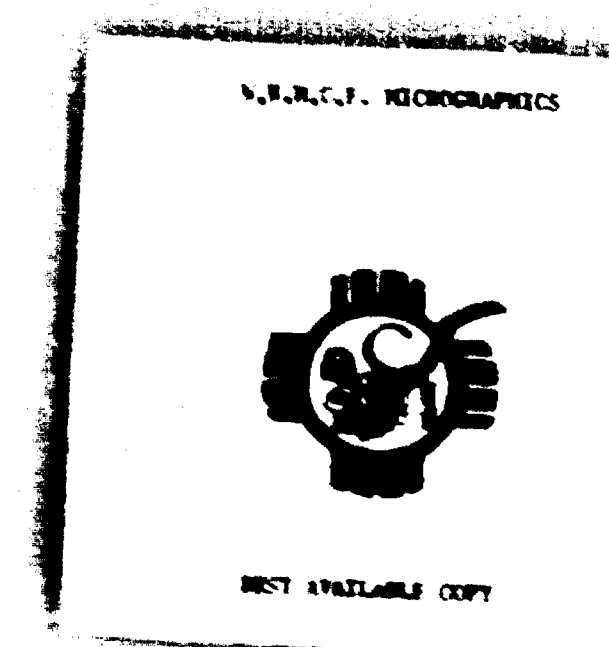
Large Exhibits





Fruitland Gas Well ●
 Mesaverde Gas Well ●
 Fruitland Drill Stem Test □
 (contingent for permeability)

BLACKWOOD & NICHOLS CO., LTD.
 NORTHEAST BLANCO UNIT
 SAN JUAN & RIO ARRIBA COS., N. M.



A

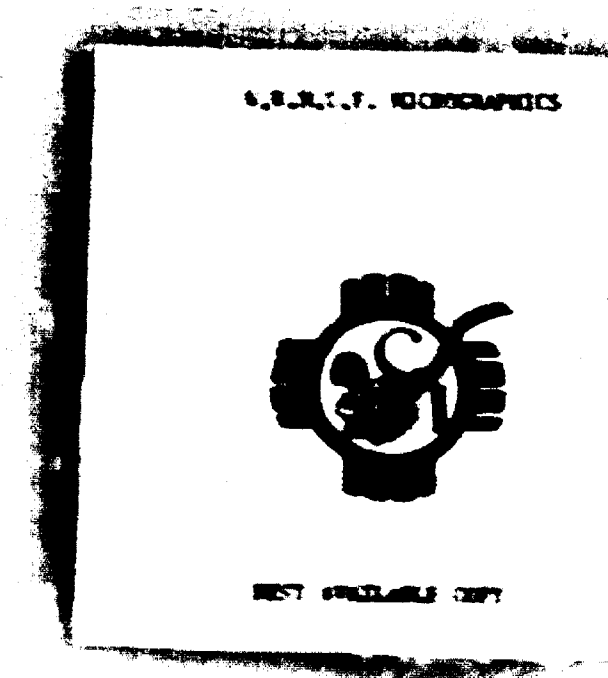
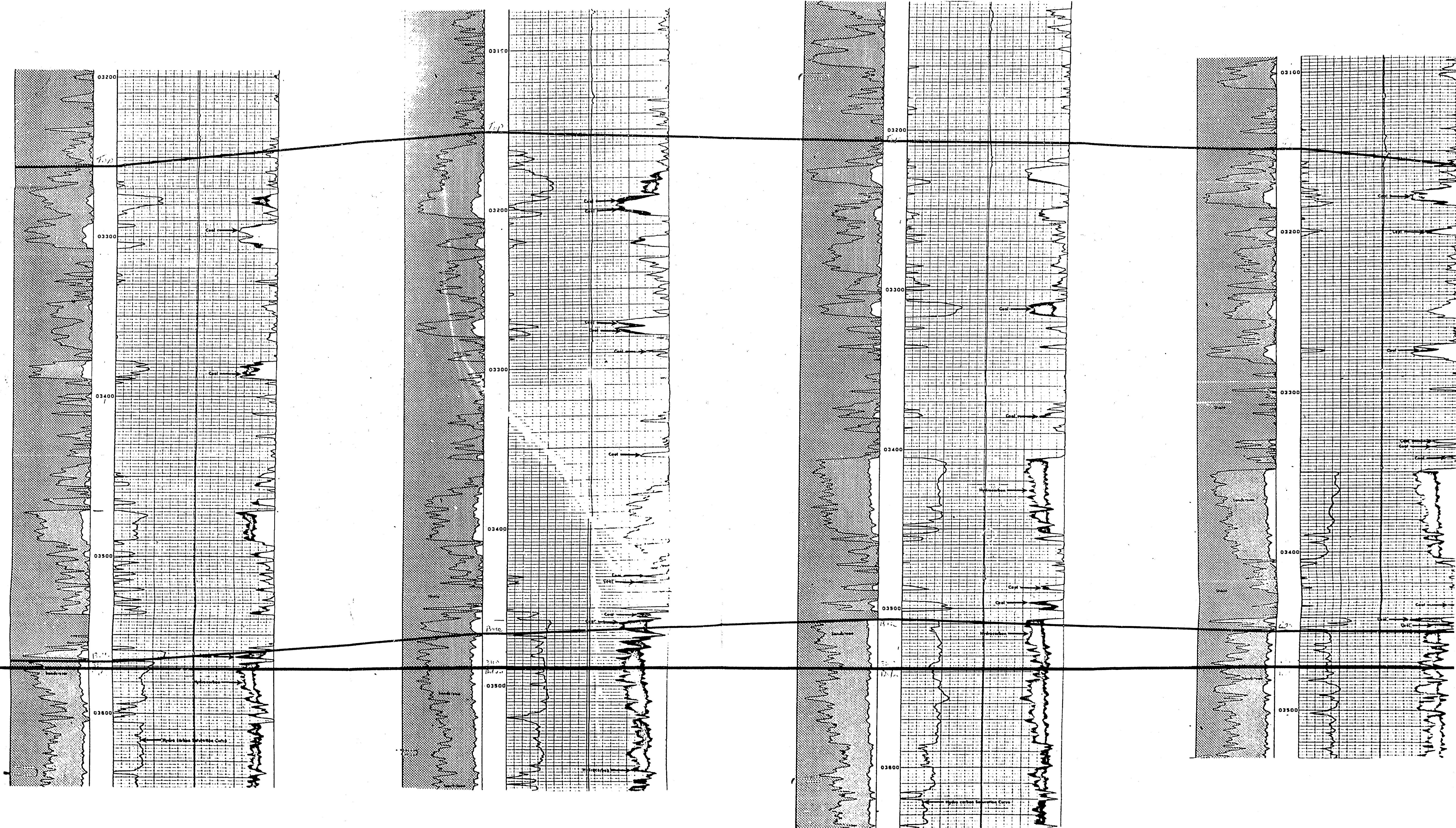
67
UNIT M
SEC. 9-31 N-7 W.
ELEV. + 6671 K.B.

67 A
UNIT O
SEC. 9-31 N-7 W.
ELEV. + 6598 K.B.

64
UNIT M
SEC. 10-31 N-7 W.
ELEV. + 6637 K.B.

64 A
UNIT P
SEC. 10-31 N-7 W.
ELEV. + 6572 K.B.

DATUM
+ 3100



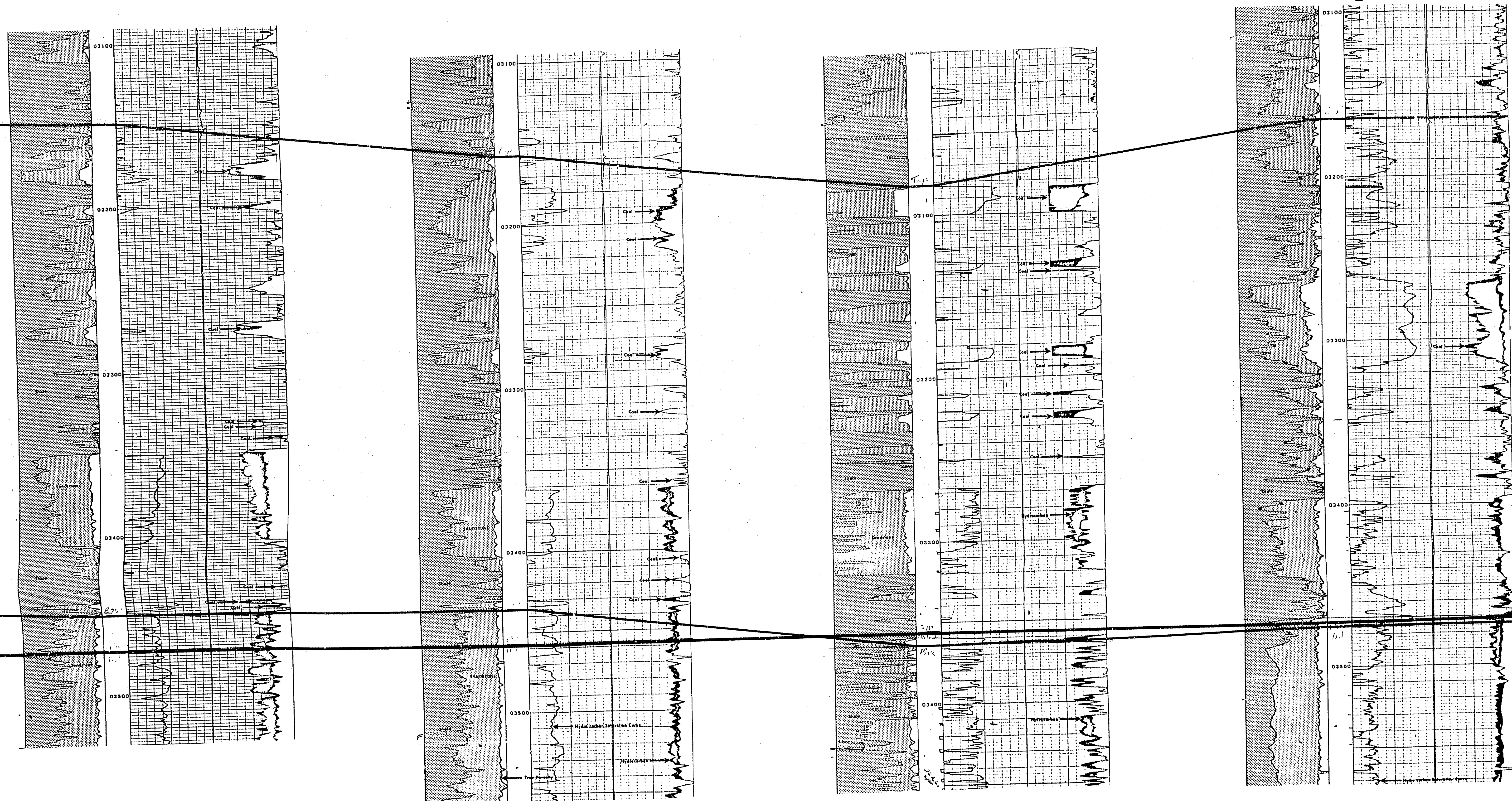
64 A
UNIT P
SEC. 10-31 N-7 W.
ELEV. + 6572 K.B.

43 A
UNIT C
SEC. 11-31 N-7 W.
ELEV. + 6557 K.B.

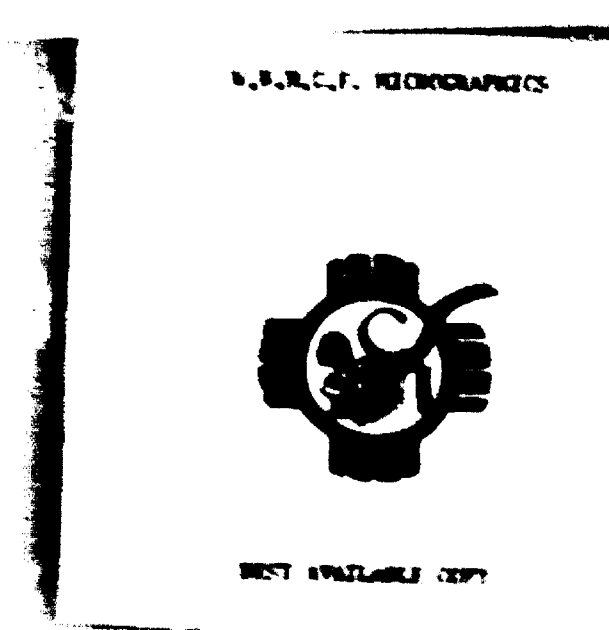
65
UNIT P
SEC. 11-31 N-7 W.
ELEV. + 6457 K.B.

63
UNIT M
SEC. 1-31 N-7 W.
ELEV. + 6572 K.B.

A'



BLACKWOOD & NICHOLS CO. LTD.
NORTHEAST BLANCO UNIT
SAN JUAN & RIO ARRIBA COUNTIES, NEW MEXICO
CROSS SECTION A-A'
FRUITLAND FORMATION
Charles F. Blackwood Oklahoma City, Okla.



B

6 A
UNIT F
SEC. 29 - 30 N - 7 W.
ELEV. + 6556 K. B.

19 A
UNIT P
SEC. 20 - 30 N - 7 W.
ELEV. + 6756 K. B.

4 A
UNIT D
SEC. 21 - 30 N - 7 W.
ELEV. + 6276 K. B.

24 A
UNIT I
SEC. 17 - 30 N - 7 W.
ELEV. + 6314 K. B.

10 A
UNIT O
SEC. 16 - 30 N - 7 W.
ELEV. + 6229 K. B.

DATUM
+ 3100

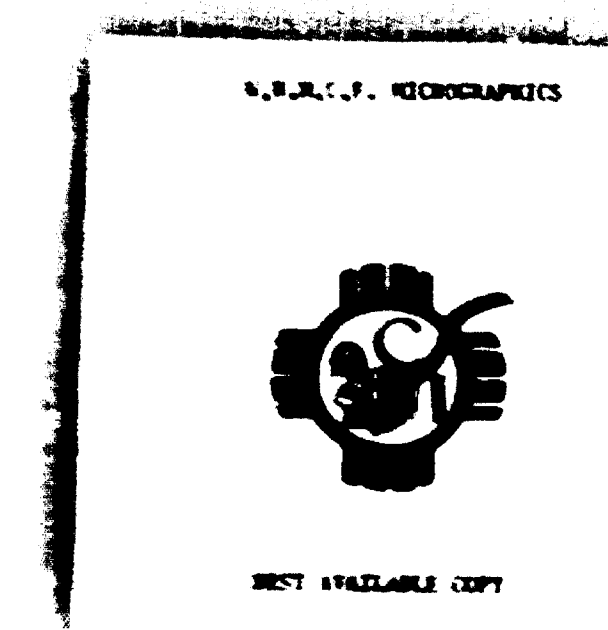
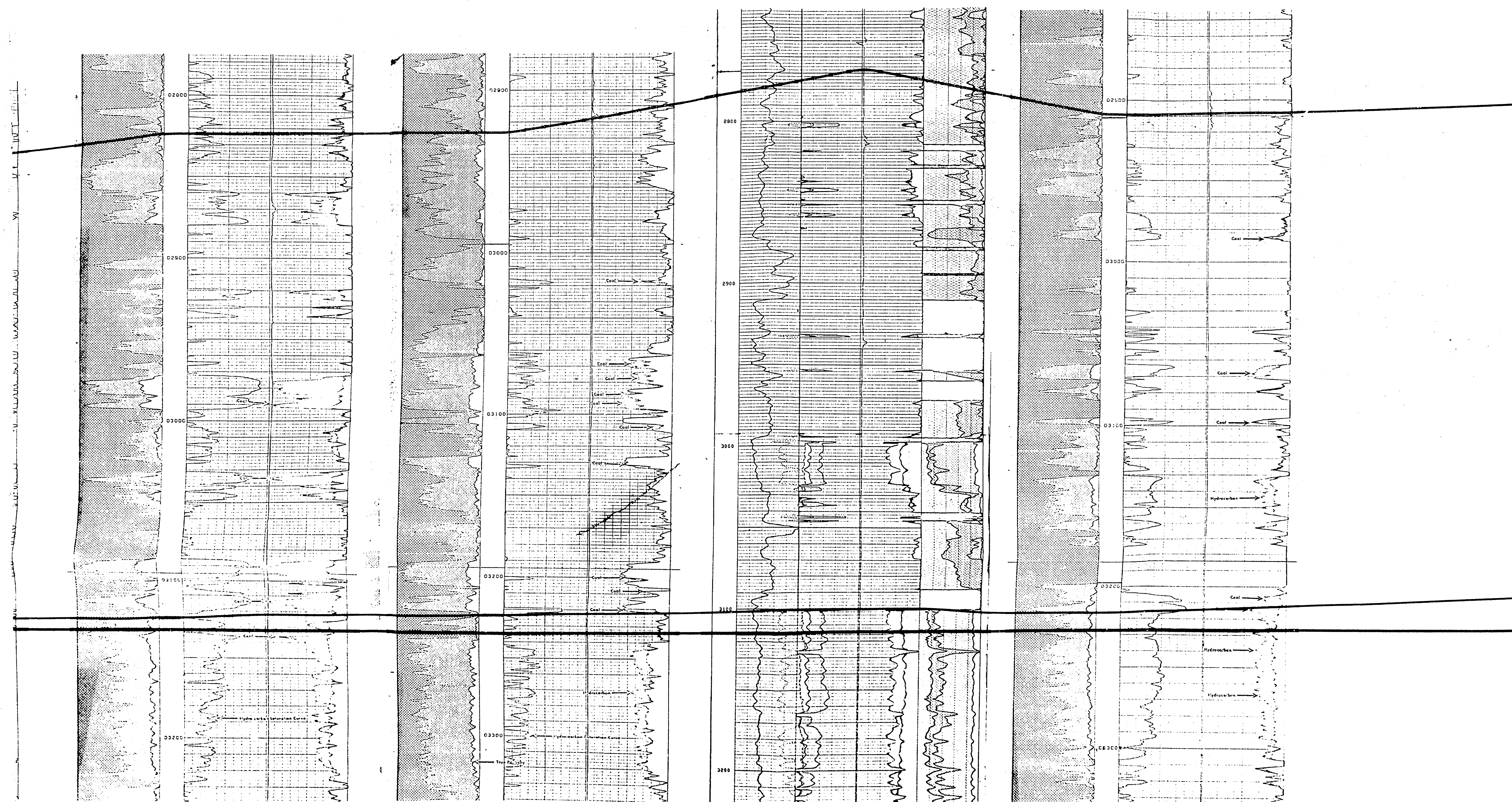


10 A
UNIT D
SEC. 16-30 N.-7 W.
ELEV. +6229 K. B.

17 A
UNIT E
SEC. 9-30 N.-7 N.
ELEV. +6324 K. B.

44 A
UNIT P
SEC. 4-30 N.-7 W.
ELEV. +6214 K. B.

102 A
UNIT F
SEC. 3-30 N.-7 W.
ELEV. +6327 K. B.



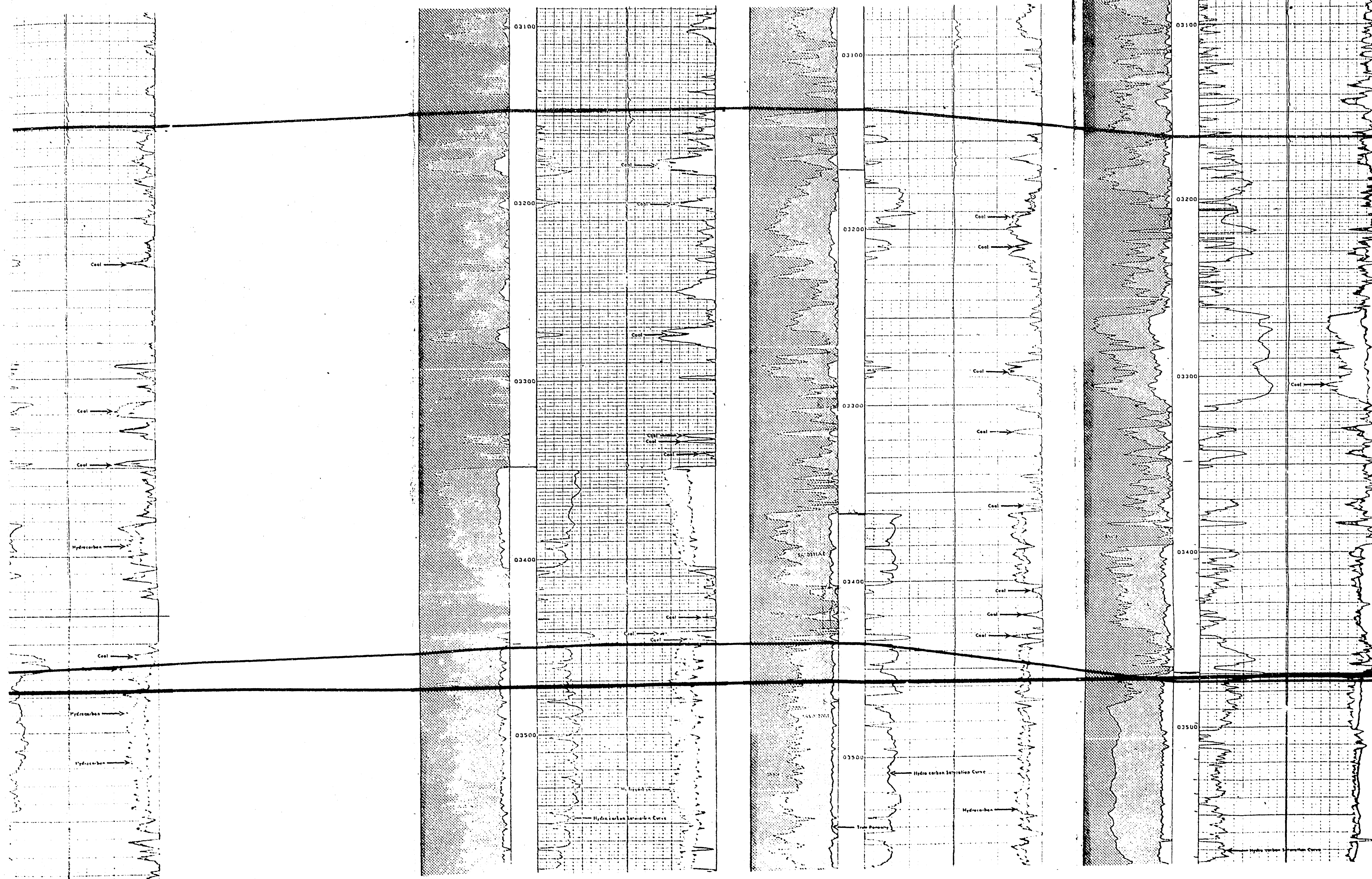
N-7W
T. K. B.

64 A
UNIT P
SEC. 10-31 N-7 W
ELEV. + 6572 K. B.

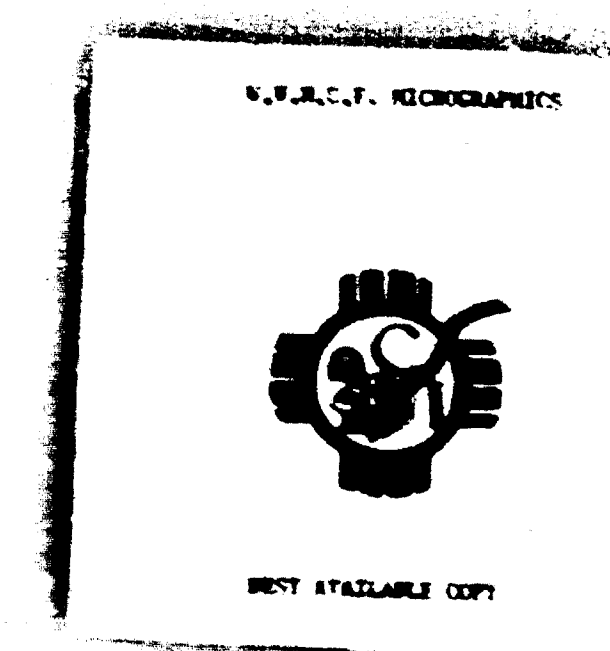
43 A
UNIT C
SEC. 11-31 N-7 N
ELEV. + 6557 K. B.

63
UNIT M
SEC. 1-31 N-7 W
ELEV. + 6572 K. B.

B'



BLACKWOOD & NICHOLS CO. LTD.
NORTHEAST BLANCO UNIT
SAN JUAN & RIO ARriba COUNTIES, NEW MEXICO
CROSS SECTION B-B'
FRUITLAND FORMATION
Charles F. Blackwood Oklahoma City, Okla.



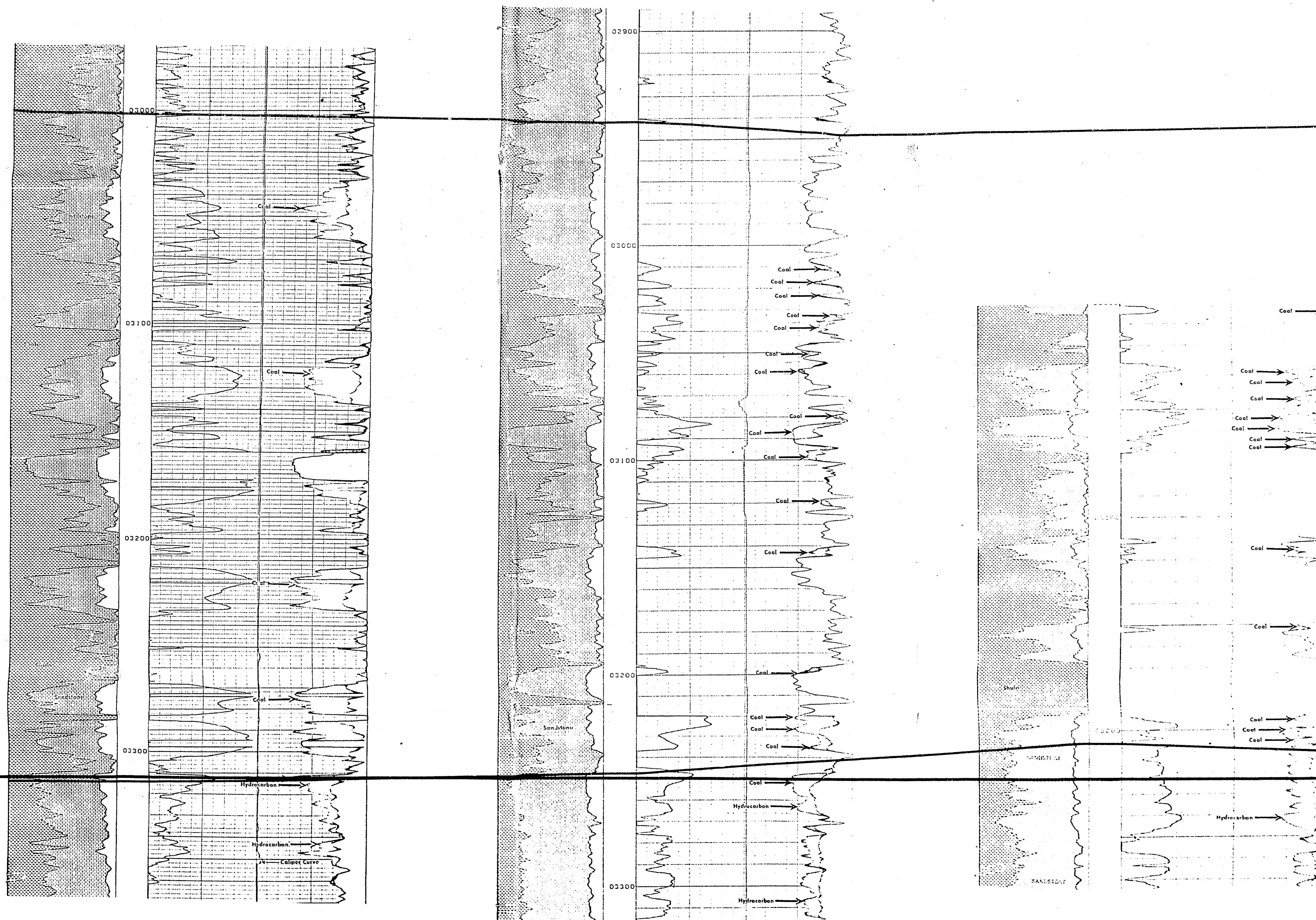
C

104 A
UNIT D
SEC. 1-30 N-8 W.
ELEV. +6413 K.B.

36 A
UNIT O
SEC. 1-30 N-8 W.
ELEV. +6360 K.B.

3 A
UNIT E
SEC. 5-30 N-7 W.
ELEV. +6323 K.B.

DATUM
+ 3100



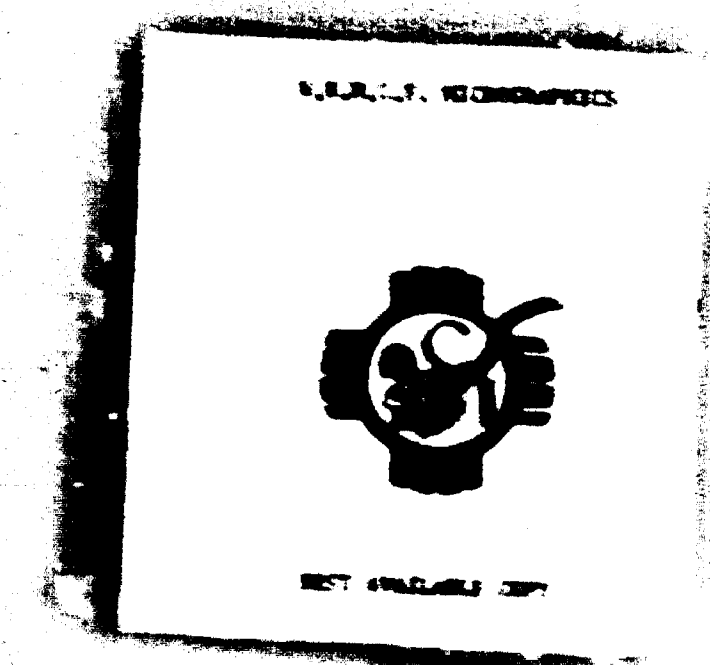
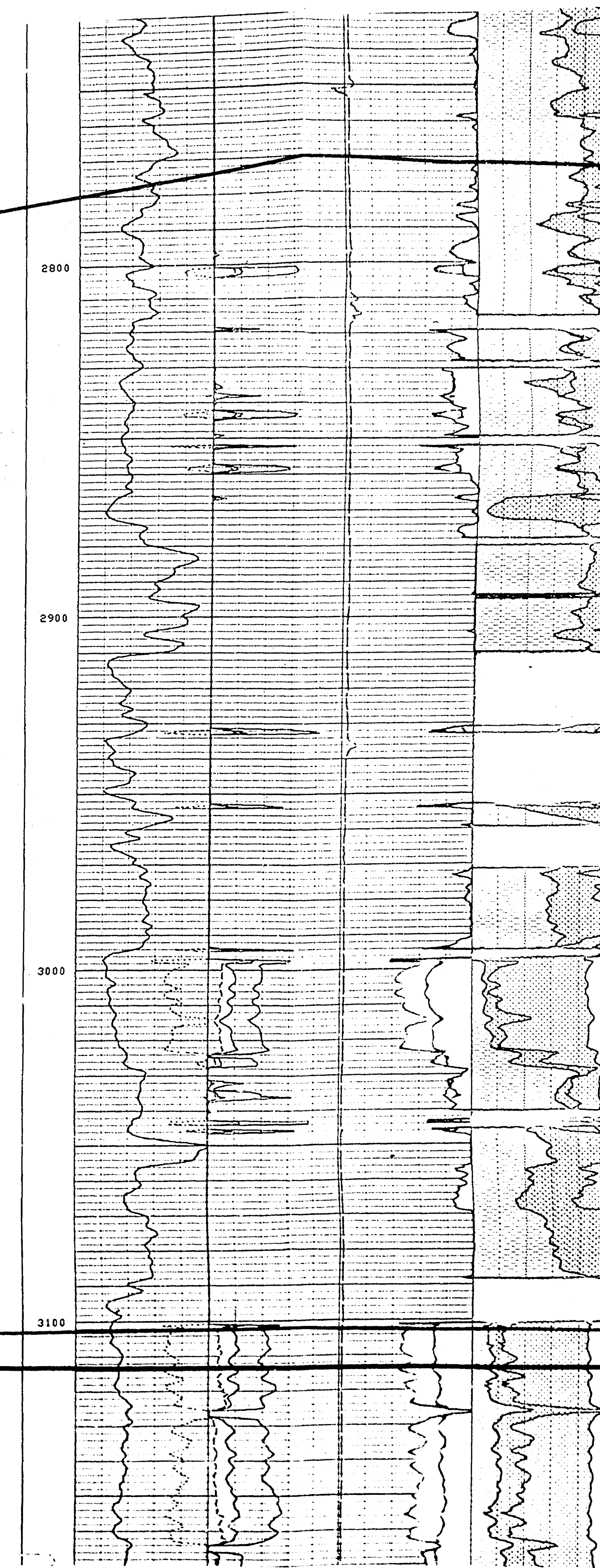
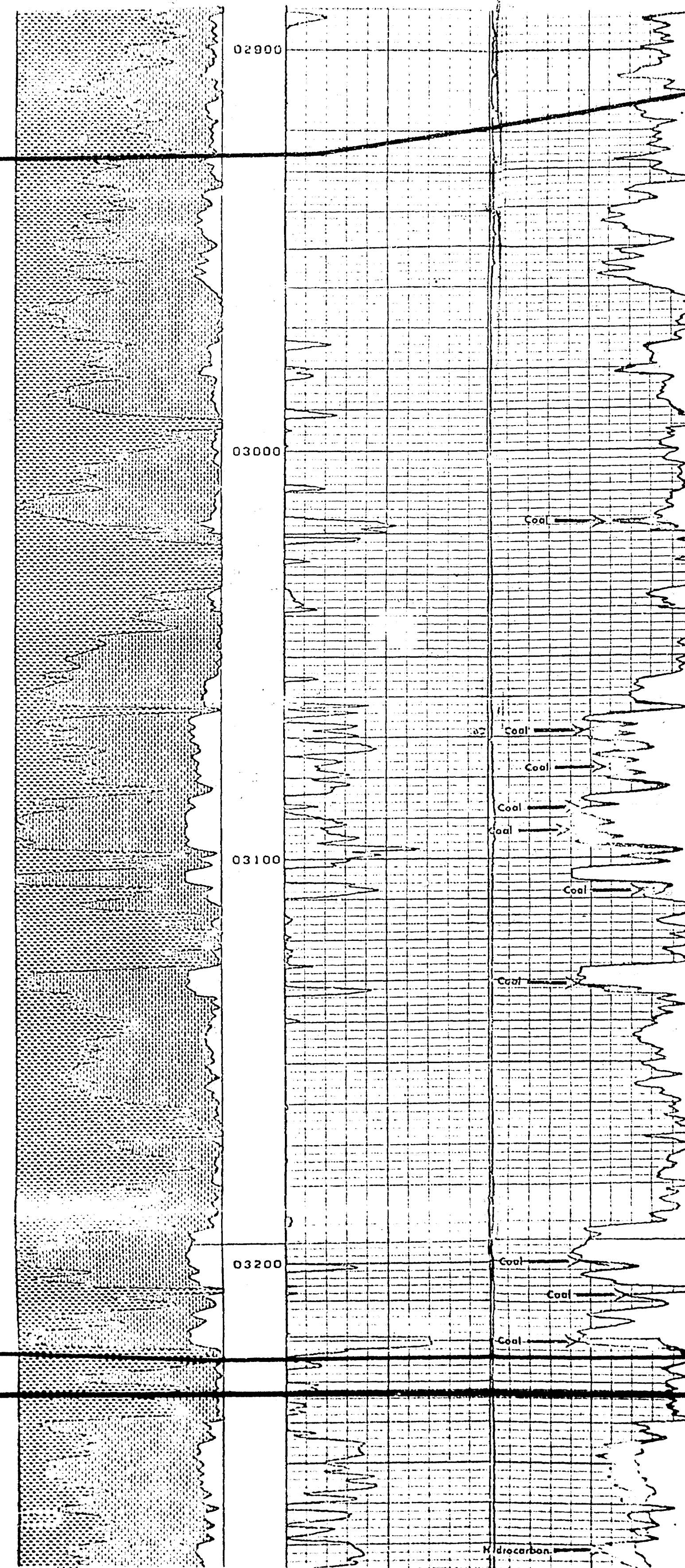
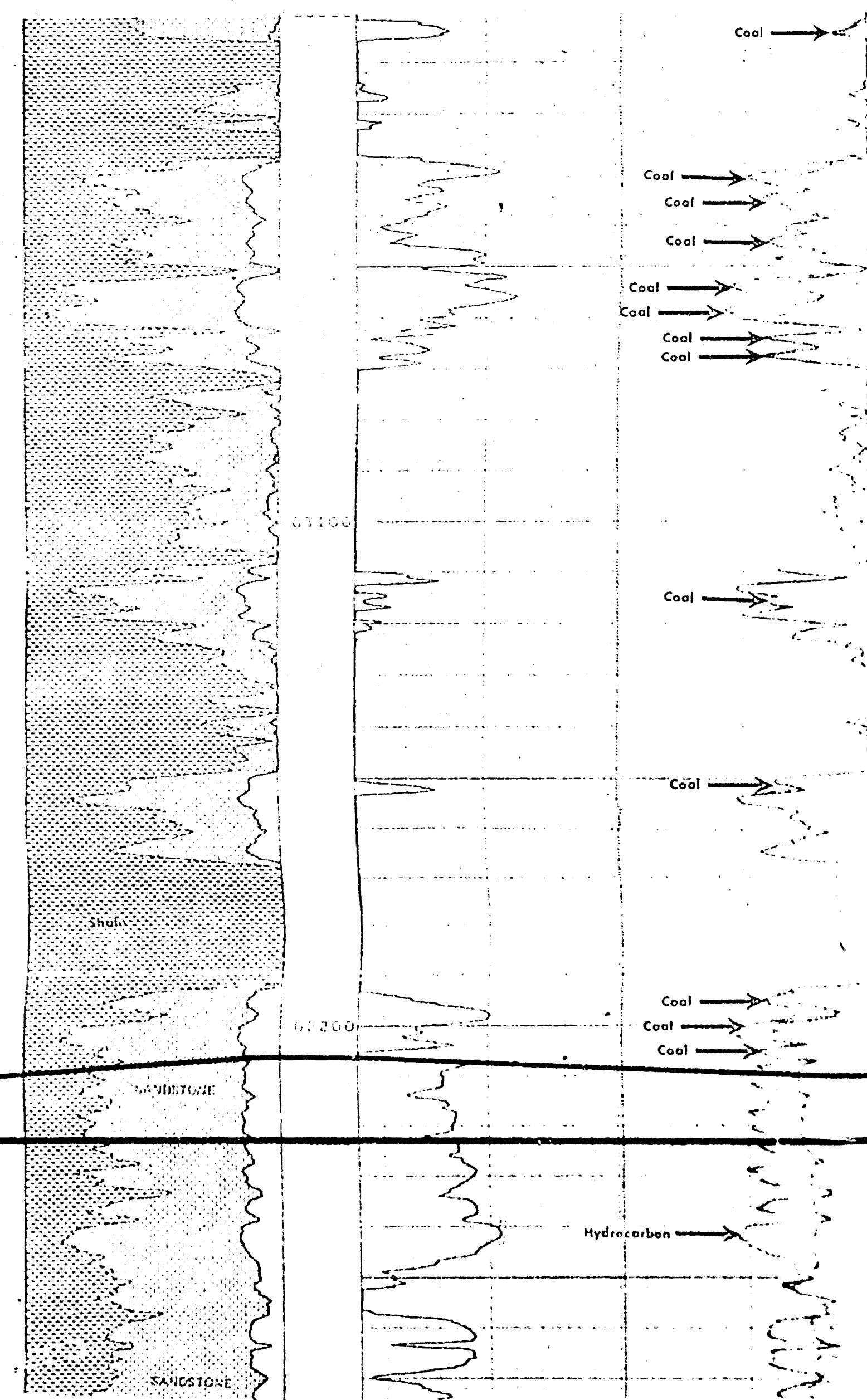
3 A
UNIT E
SEC. 5-30 N-7 W.
ELEV. +6323 K.B.

17 A
UNIT E
SEC. 9-30 N-7 W.
ELEV. +6334 K.B.

37 A
UNIT E
SEC. 13-30 N-7 W.
ELEV. +6345 K.B.

44 A
UNIT P
SEC. 4-30 N-7 W.
ELEV. +6214 K.B.

A 81
J. TIMU
- E 332
7313



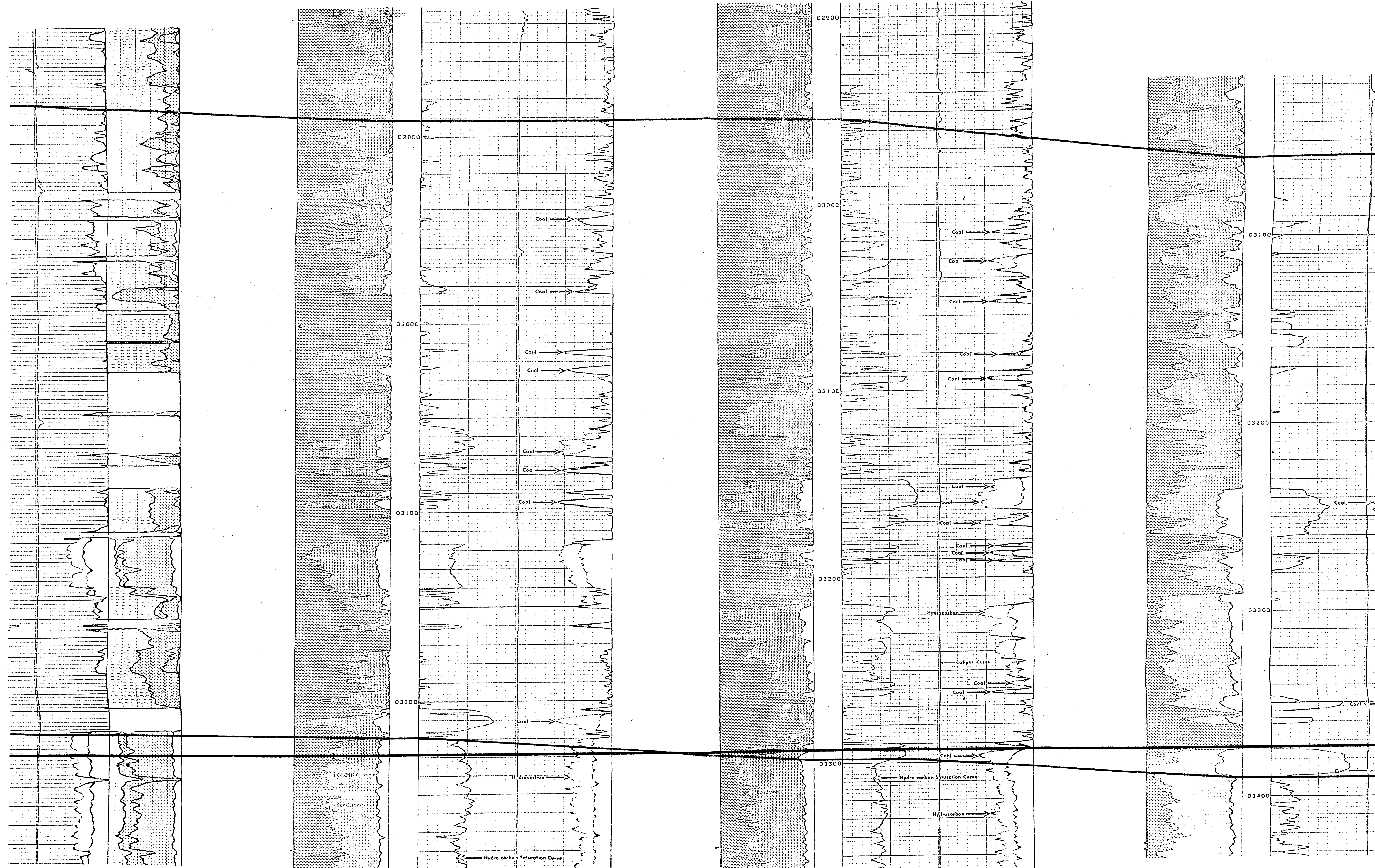
1 A
T P
30 N-7W.
3214 K.B.

A 31
I. THU
- 5 .332
79 J3

16 A
UNIT J
SEC. 3-30 N-7W.
ELEV. +6328 K.B.

14 A
UNIT I
SEC. 2-30 N-7W.
ELEV. +6392 K.B.

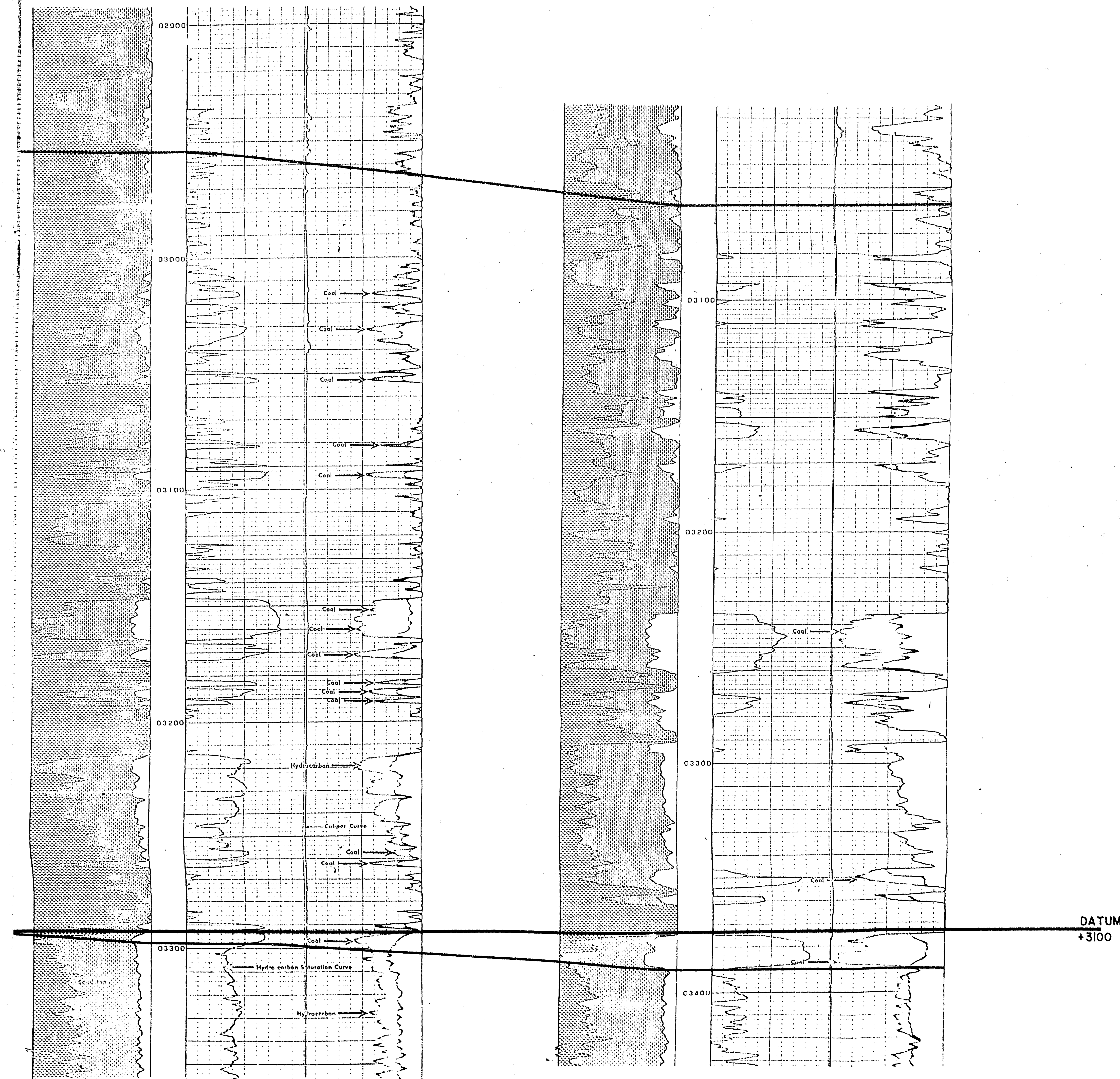
22 A
UNIT O
SEC. 36-31 N-7W.
ELEV. +6472 K.B.



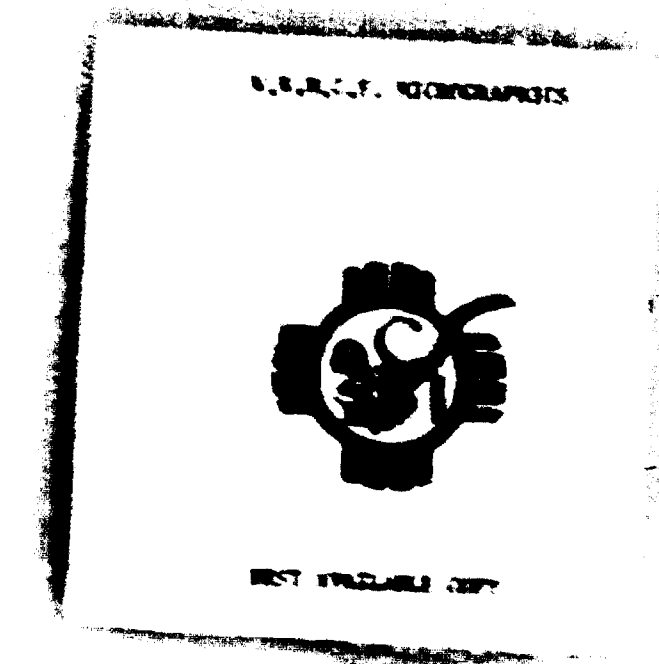
C'

14 A
UNIT I
SEC. 2 - 30 N - 7 W.
ELEV. + 6392 K. B.

22 A
UNIT O
SEC. 36 - 31 N - 7 W.
ELEV. + 6472 K. B.



BLACKWOOD & NICHOLS CO. LTD.
NORTHEAST BLANCO UNIT
SAN JUAN & RIO ARriba COUNTIES, NEW MEXICO
CROSS SECTION C-C'
FRUITLAND FORMATION
Charles F. Blackwood, Oklahoma City, Ohio



R 8 W
T 32 N

R 7 W

R 6 W

T 32 N

T 31 N

T 31 N

T 30 N

T 30 N

R 8 W

R 7 W

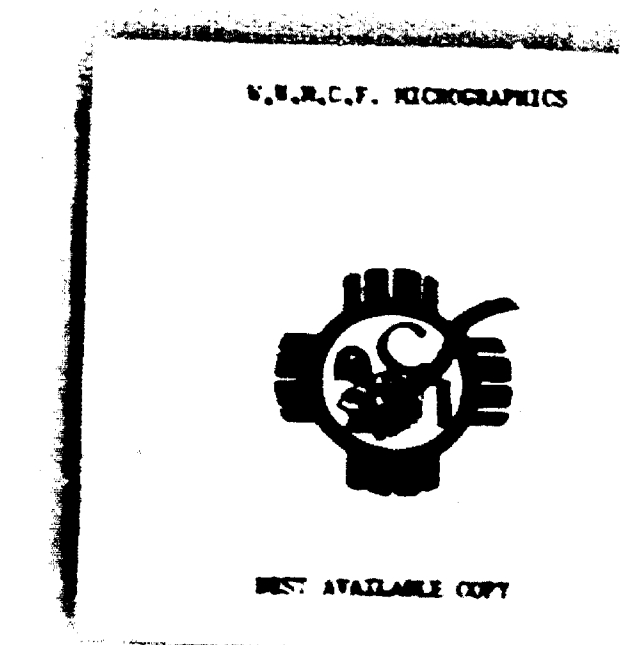
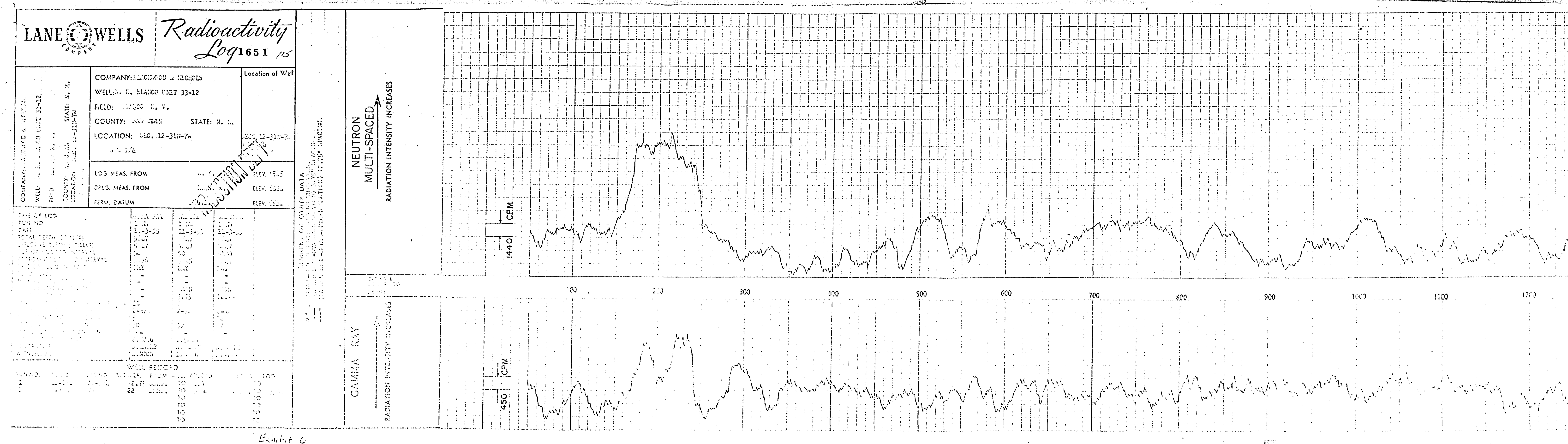
R 6 W

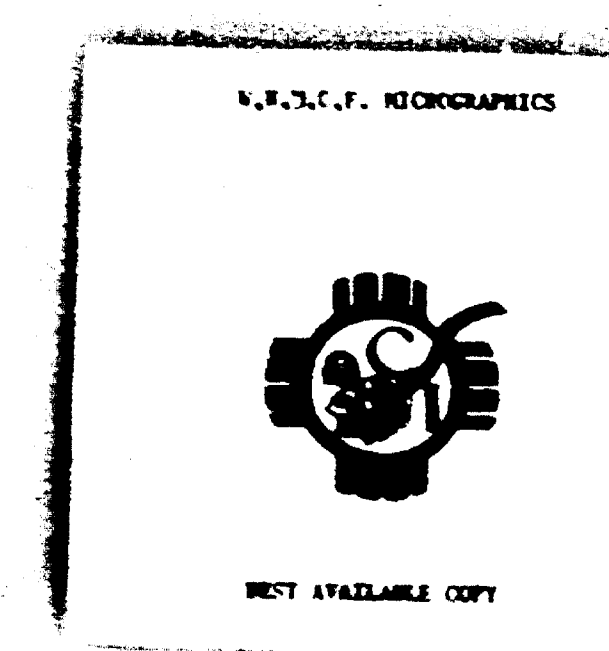
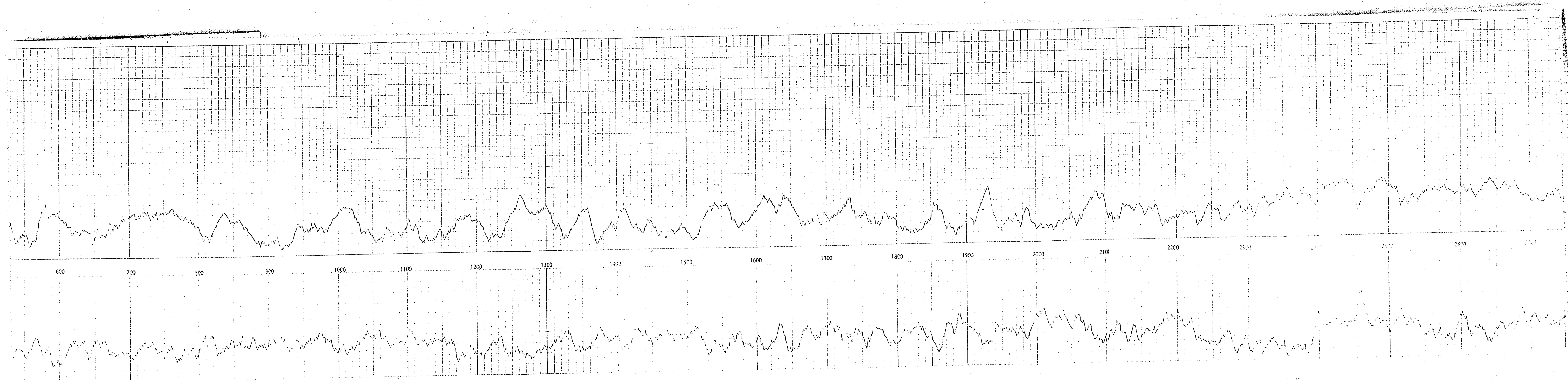
FOR LAND GAS WELL
PLANNED GAS WELL
FOOTCAND ORN SHOW TEST
(analyzed for permeability) ☐

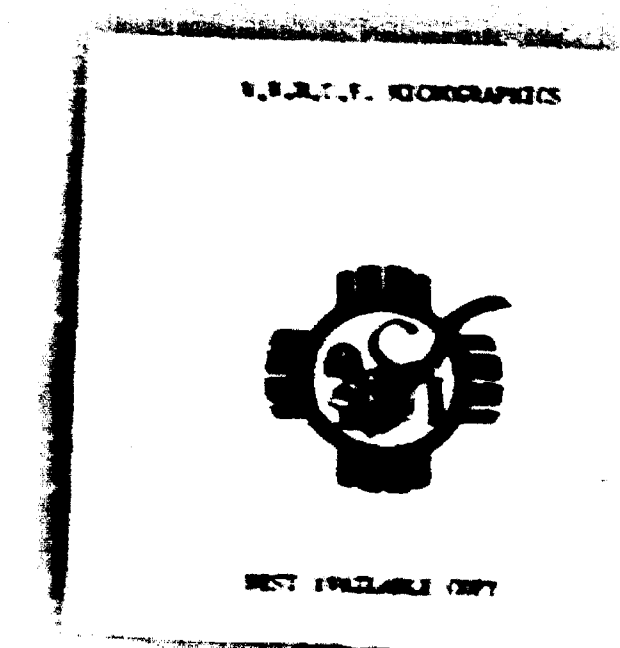
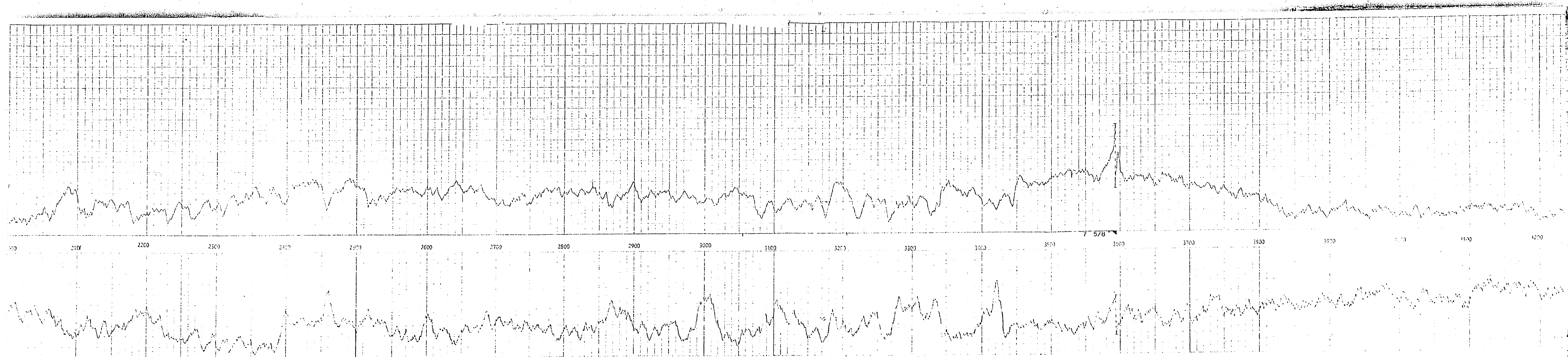
BLACKWOOD & NICHOLS CO., LTD.
NORTHEAST BLANCO UNIT
SAN JUAN & RIO ARRIBA COS., N. M.

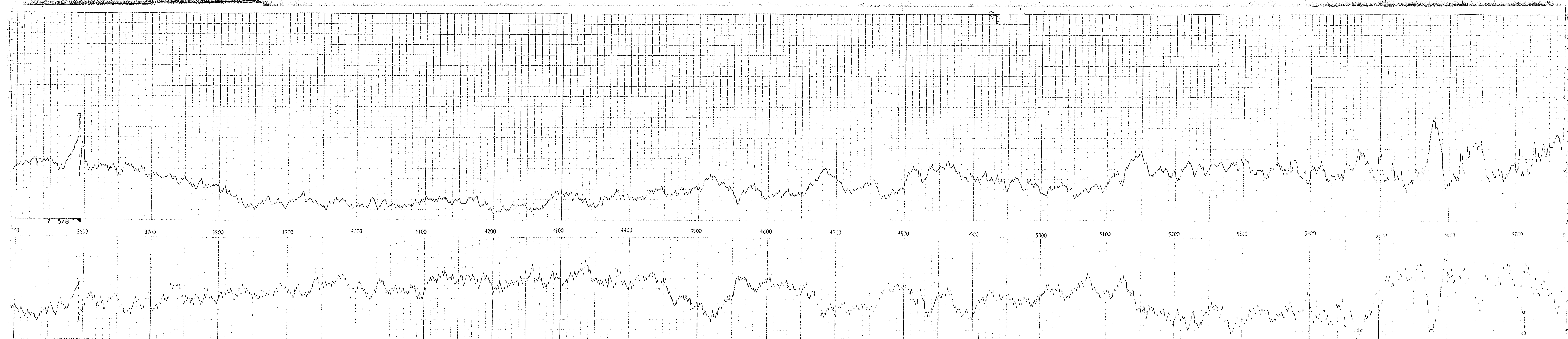
BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
Applicant's Exhibit No. (Serial)
CASE NO. 2007
Submitted by [Signature]
Hearing Date 11/10/00

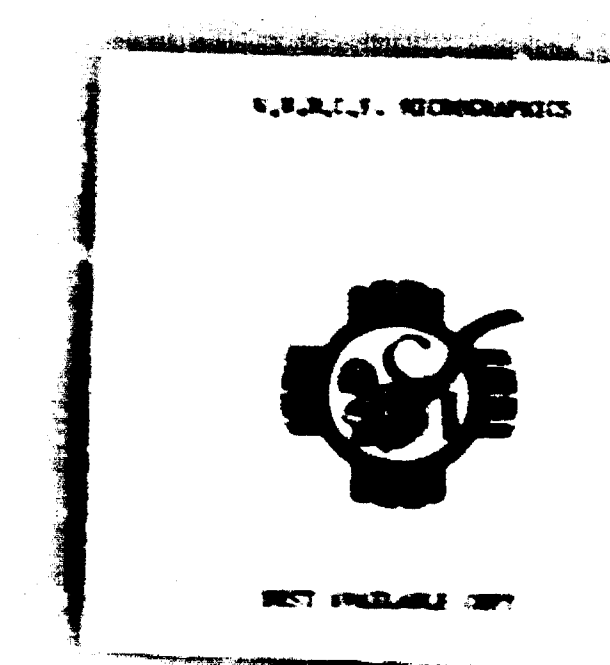
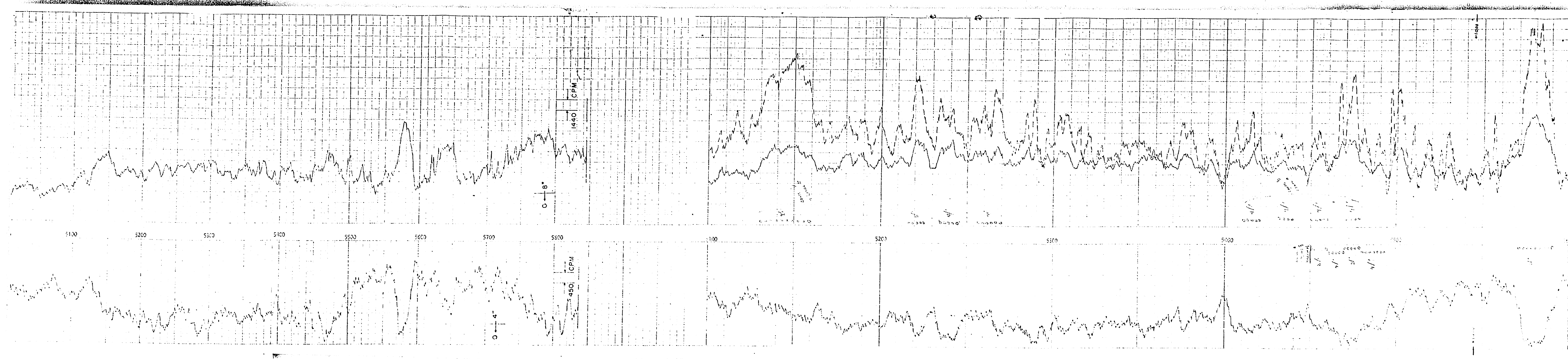


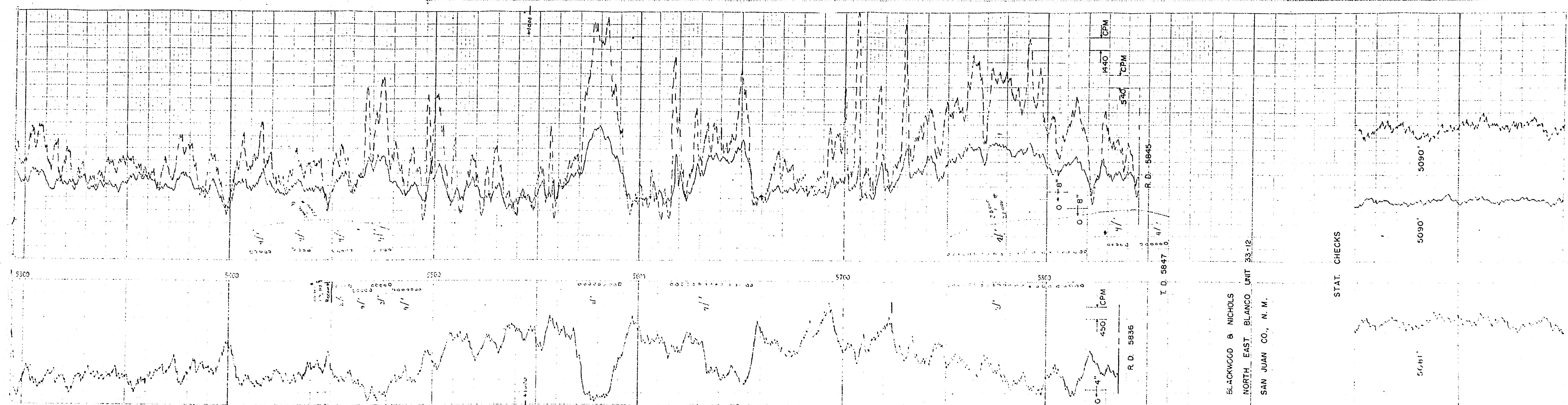




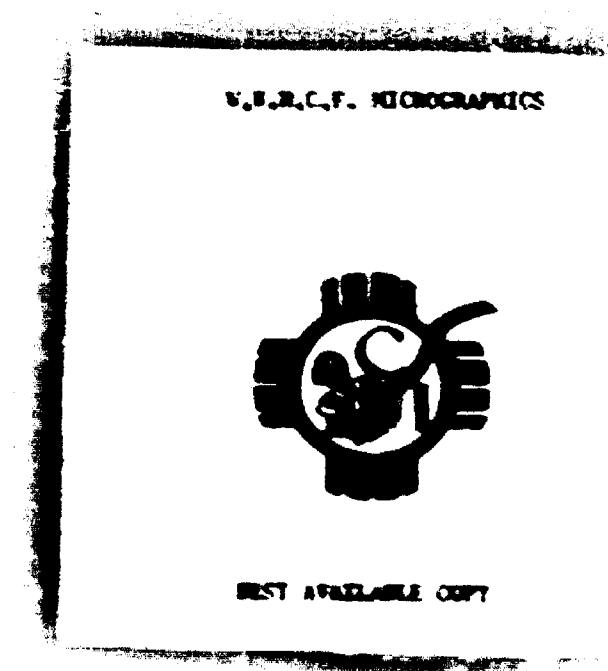


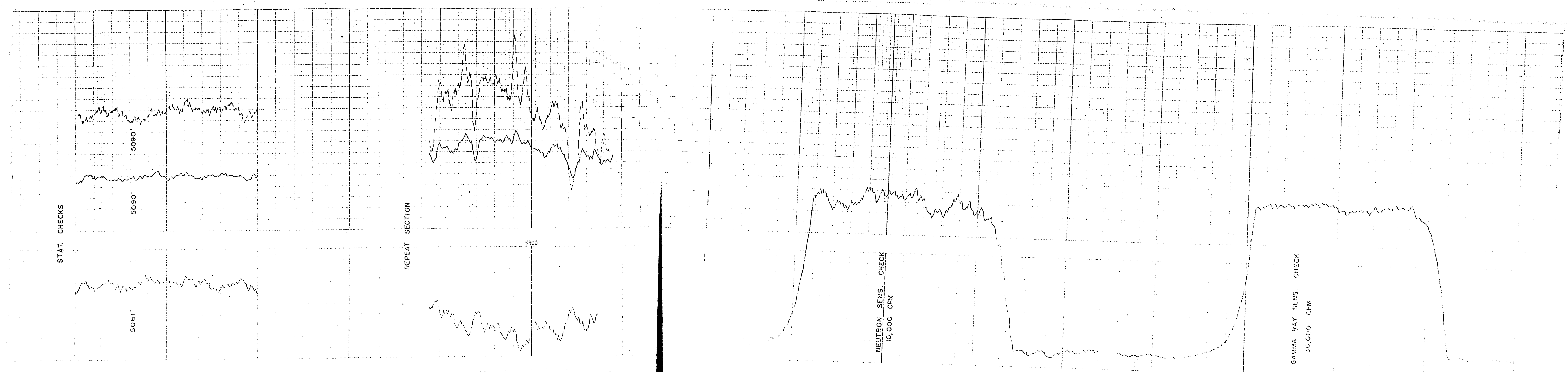






STAT. CHECKS

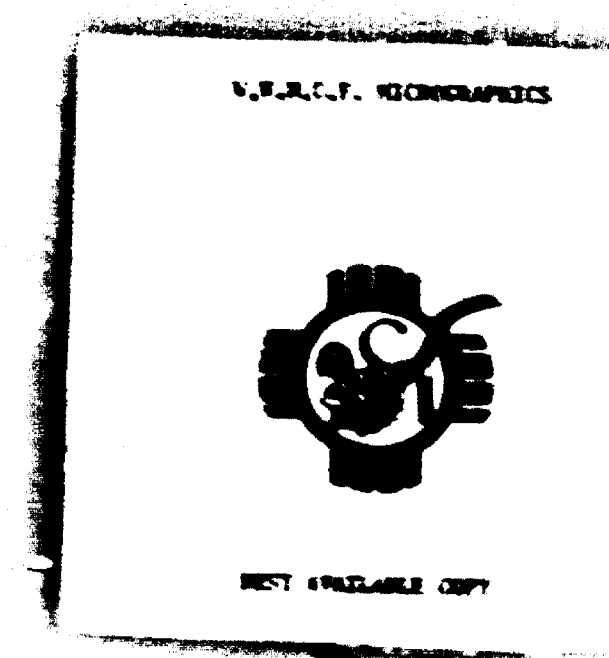




67
UNIT M
SEC. 9 - 31 N - 7 W
ELEV. + 6671 K. B.

67 A
UNIT O
SEC. 9 - 31 N - 7 W
ELEV. + 6588 K. B.

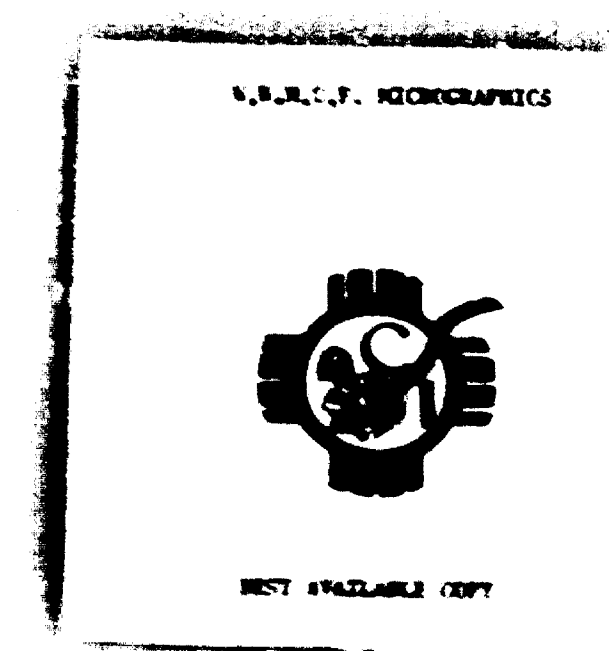
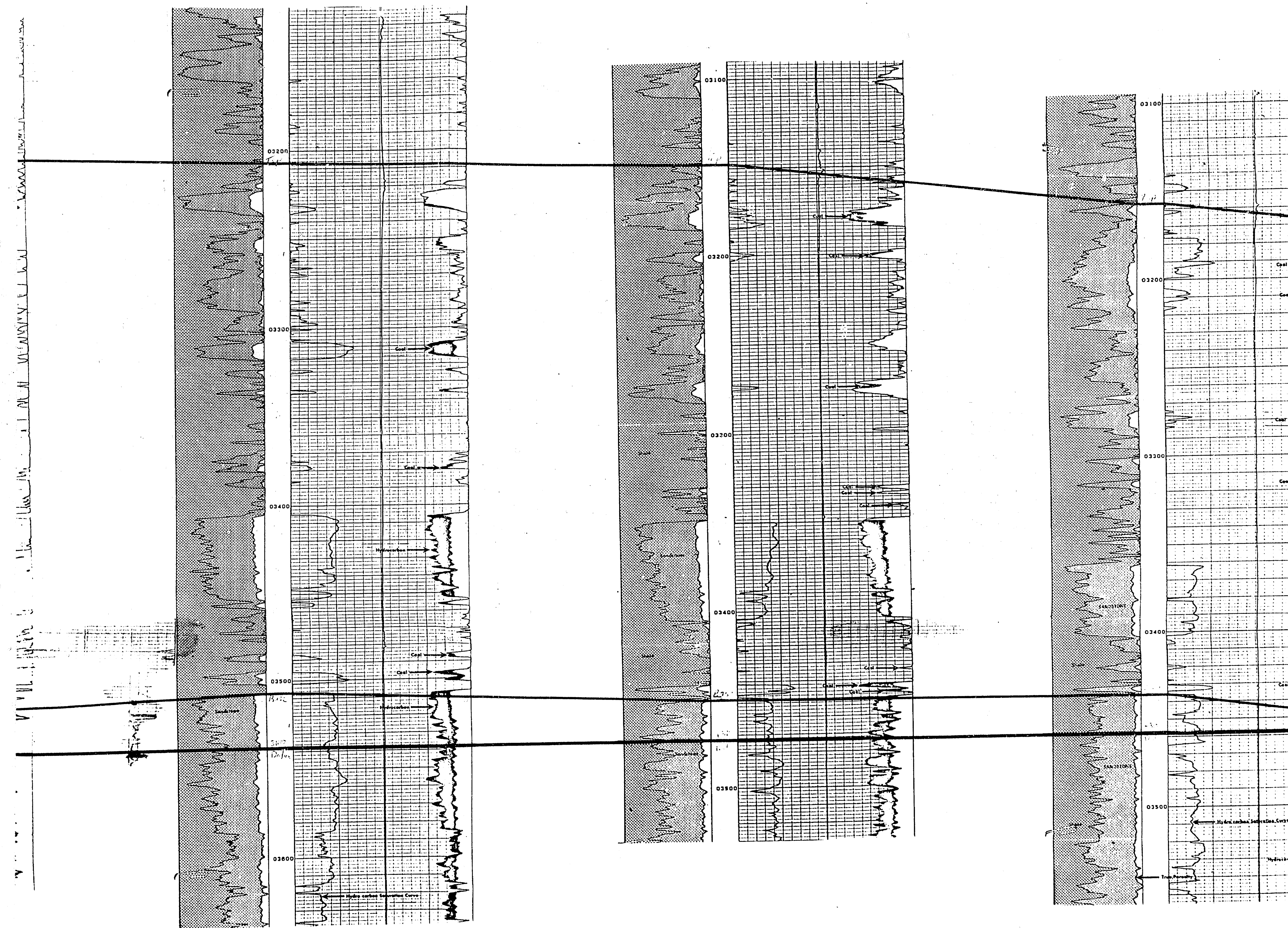
64
UNIT M
SEC. 10-31 N-7W
ELEV. +6637 K. B.



64
UNIT M
SEC. 10-31 N-7W.
ELEV. + 6637 K.B.

64 A
UNIT P
SEC. 10-31 N-7W.
ELEV. + 6572 K.B.

43 A
UNIT C
SEC. 11-31 N-7W.
ELEV. + 6557 K.B.

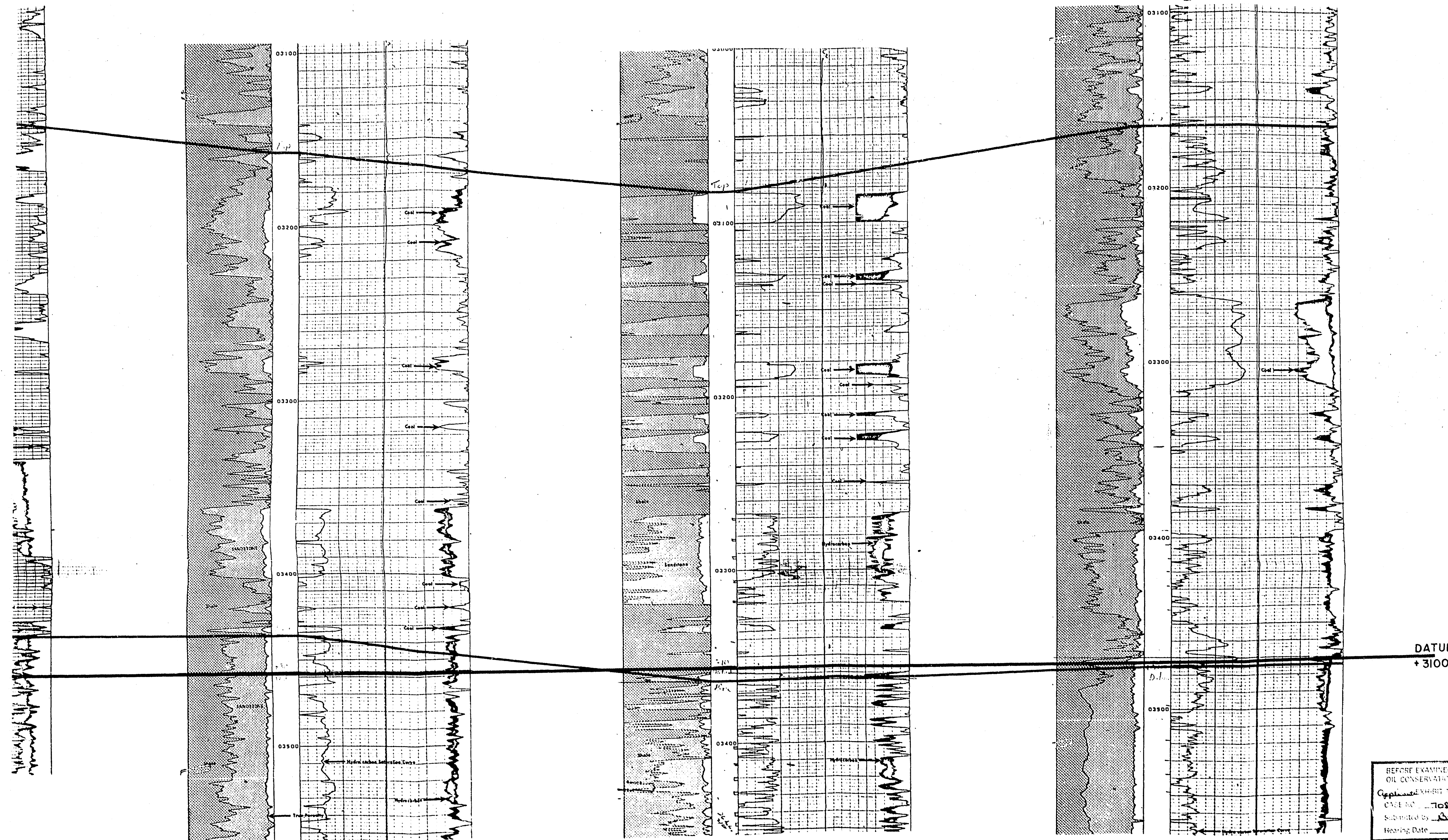


43A
UNIT C
SEC. 11-31 N-7W.
ELEV. + 6557 K. B.

65
UNIT P
SEC. 11-31 N-7W.
ELEV. + 6572 K. B.

63
UNIT M
SEC. 1-31 N-7W
ELEV. + 6572 K. B.

A'

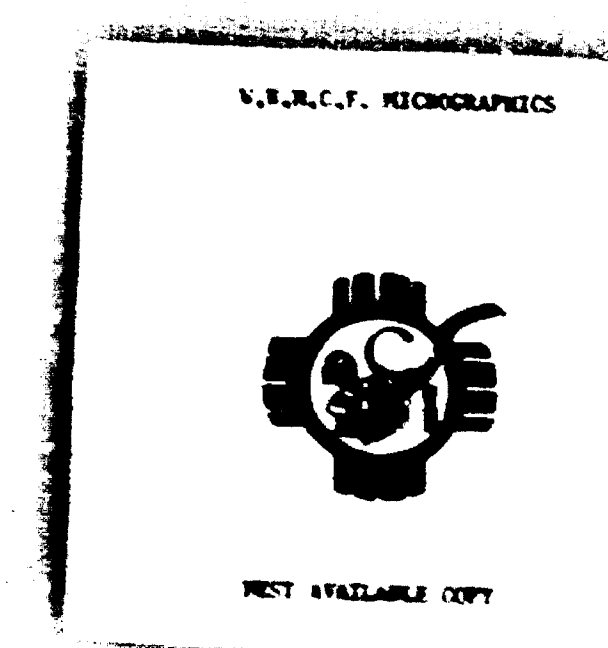


DATUM
+ 3100

BEFORE EXAMINER STAMPS
OIL CONSERVATION DIVISION
Checked by W. H. H.
Date 10/17/57
Submitted by Blackwood
Filing Date 10/16/57

BLACKWOOD & NICHOLS CO. LTD.
NORTHEAST BLANCO UNIT
SAN JUAN & RIO ARriba COUNTIES, NEW MEXICO
CROSS SECTION A-A'
FRUITLAND FORMATION
Charles F. Blackwood Oklahoma City, Okla.

Exhibit 17



B

6 A
UNIT F
SEC. 29-30 N-7 W.
ELEV. + 6558 K. B.

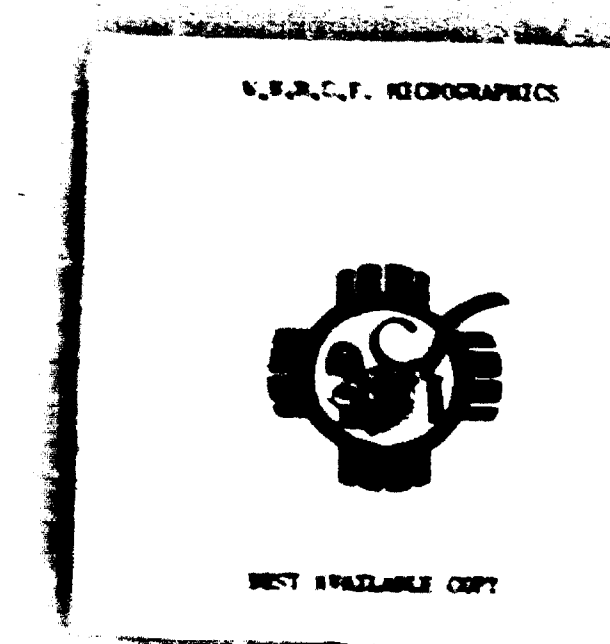
19 A
UNIT P
SEC. 20-30 N-7 W.
ELEV. + 6756 K. B.

20 A
UNIT Q
SEC. 21-30 N-7 W.
ELEV. + 6276 K. B.

4 A
UNIT D
SEC. 21-30 N-7 W.
ELEV. + 6276 K. B.

24 A
UNIT I
SEC. 17-30 N-7 W.
ELEV. + 6314 K. B.

DATUM
+ 3100

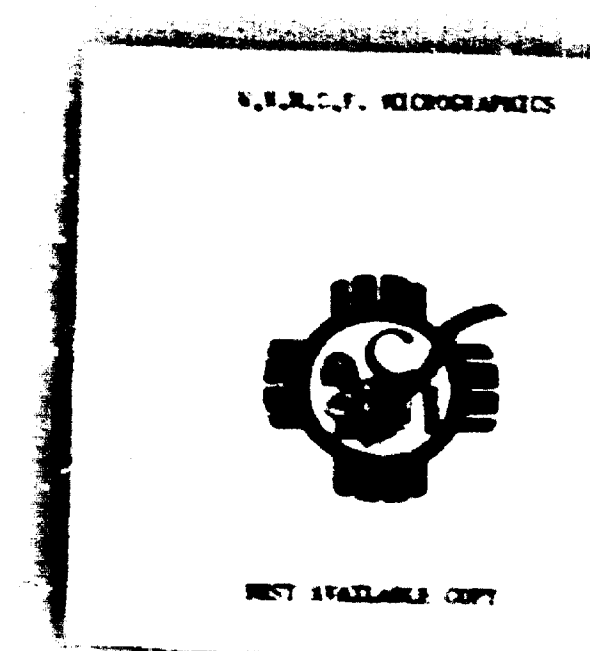
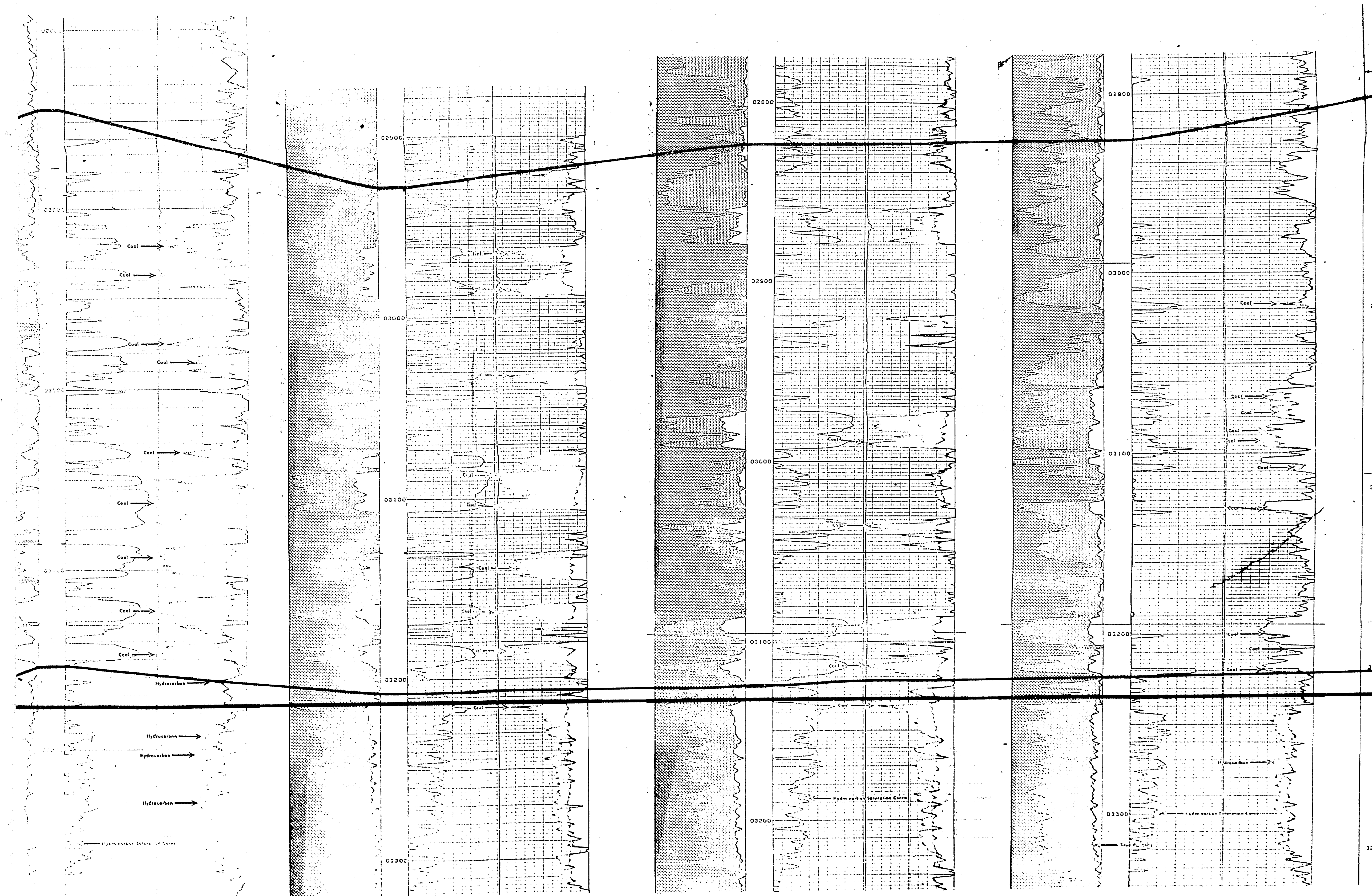


4 A
UNIT D
SEC. 21-30 N. - 7 W.
ELEV. + 6276 K. B.

24 A
UNIT I
SEC. 17-30 N. - 7 W.
ELEV. + 6314 K. B.

10 A
UNIT D
SEC. 16-30 N. - 7 W.
ELEV. + 6229 K. B.

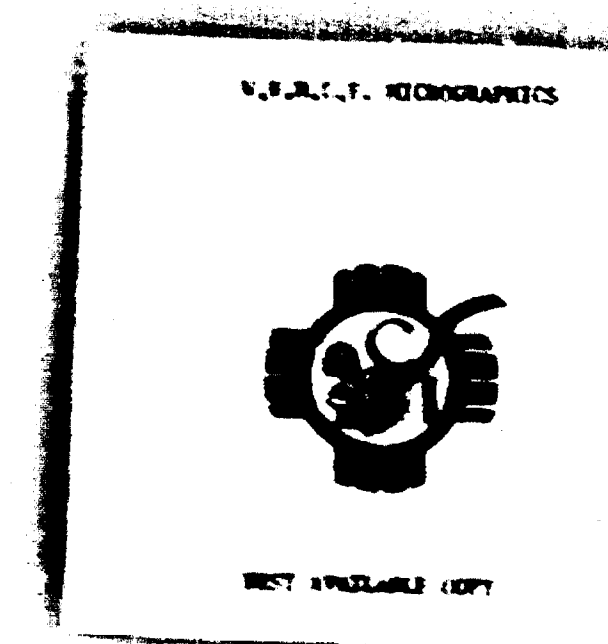
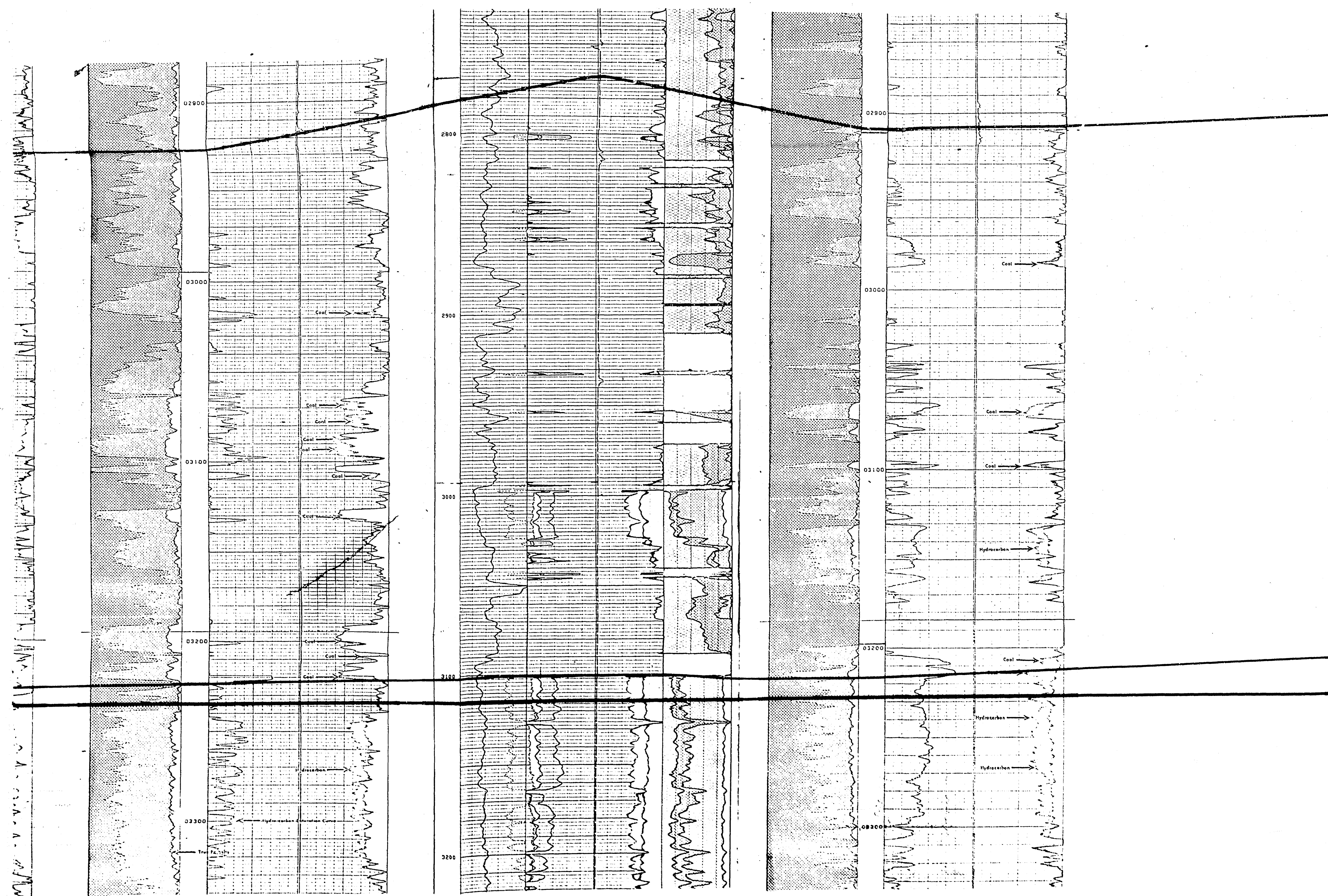
17 A
UNIT E
SEC. 9-30 N. - 7 N.
ELEV. + 6324 K. B.



17A
UNIT E
SEC. 9-30 N.-7 W.
ELEV. +6324 K. B.

44A
UNIT P
SEC. 4-30 N.-7 W.
ELEV. +6214 K. B.

102A
UNIT F
SEC. 3-30 N.-7 W.
ELEV. +6327 K. B.



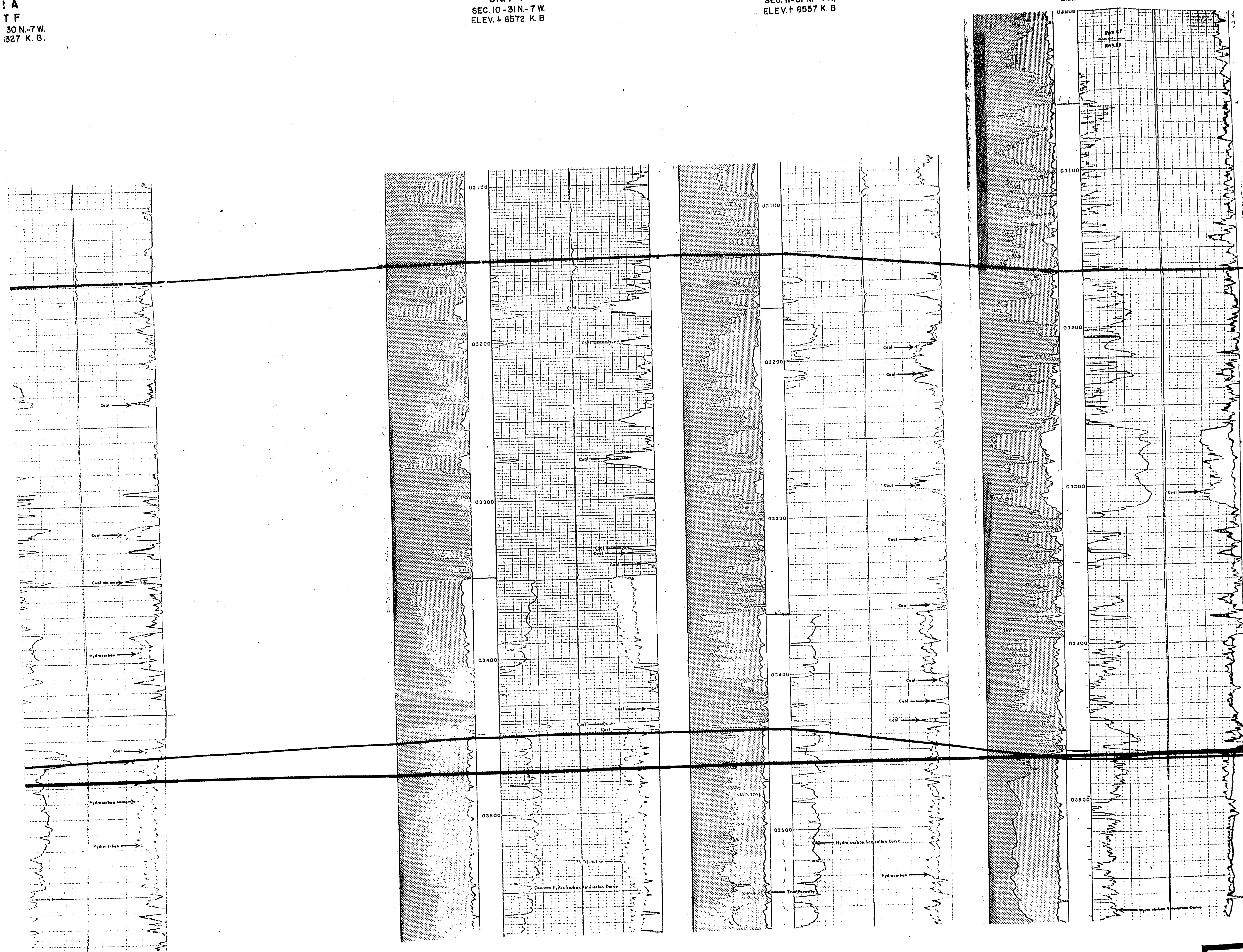
! A
T F
30 N-7W
327 K. B.

64 A
UNIT P
SEC. 10-31 N-7 W
ELEV. + 6572 K. B.

43 A
UNIT C
SEC. 11-31 N-7 N.
ELEV. + 6557 K. B.

63
UNIT M
SEC. 1-31 N-7W
ELEV. + 6572 K. B.

B'



DATUM
+3100

RECORD EXAMINED BY
CHAS. F. BLACKWOOD
CASE NO. 7081
Submitted by Blackwood
Having Date 1/1/1931

BLACKWOOD & NICHOLS CO. LTD.
NORTHEAST BLANCO UNIT
SAN JUAN & RIO ARriba COUNTIES, NEW MEXICO
CROSS SECTION B-B'
FRUITLAND FORMATION
Charles F. Blackwood Oklahoma City, Okla.

Exhibit 18



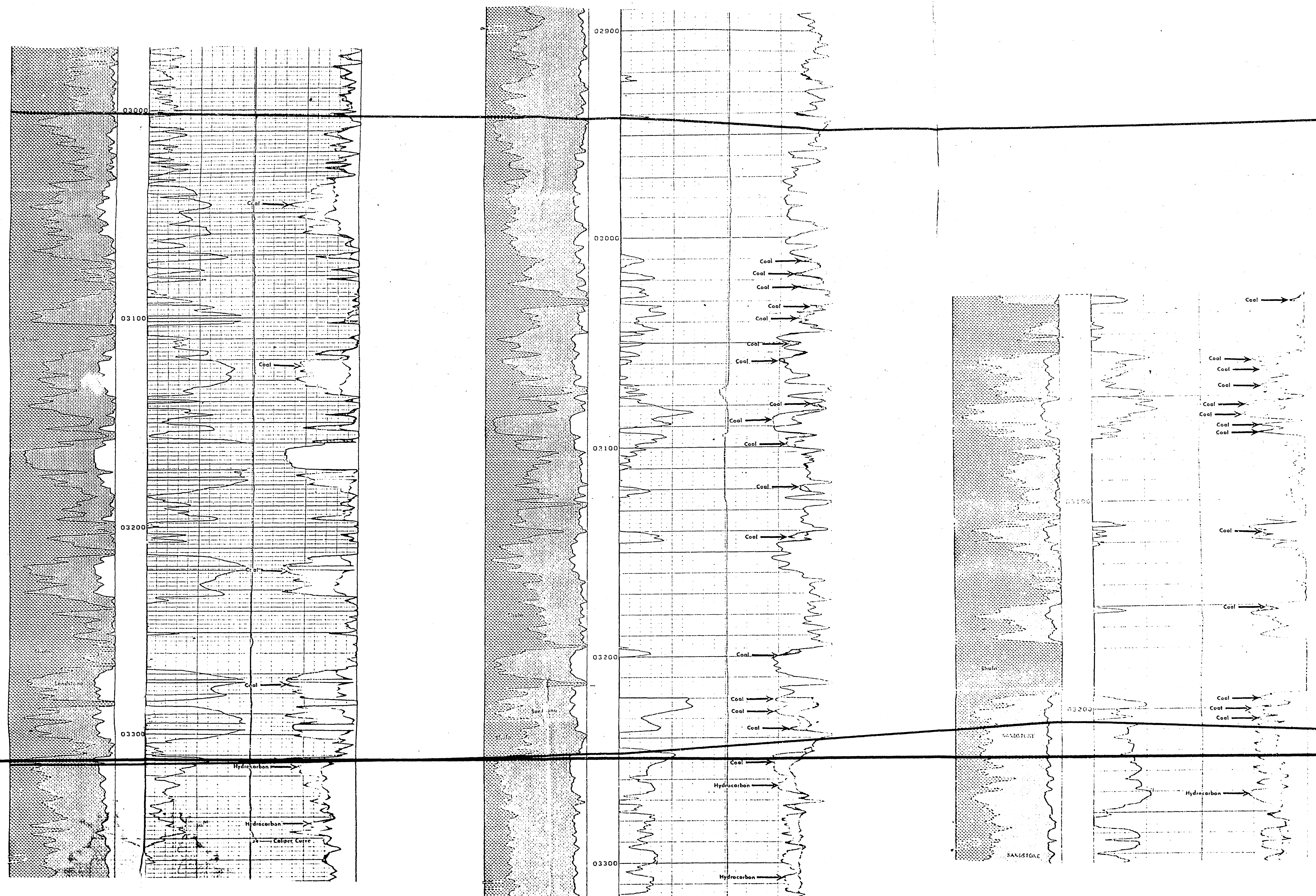
C

104 A
UNIT D
SEC. 1-30 N-8 W.
ELEV. +6413 K.B.

36 A
UNIT O
SEC. 1-30 N-8 W.
ELEV. +6360 K.B.

3 A
UNIT E
SEC. 5-30 N-7 W.
ELEV. +6323 K.B.

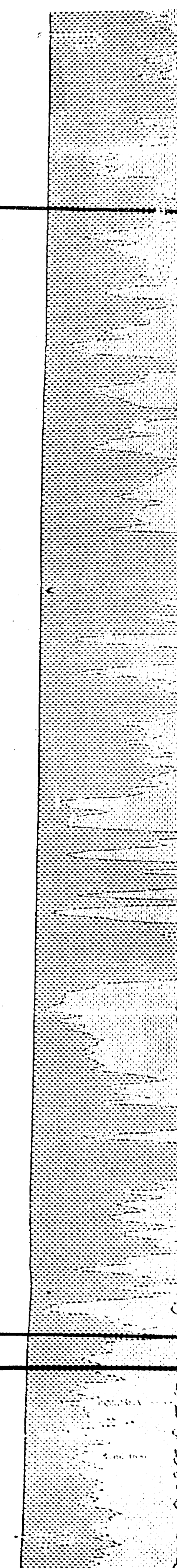
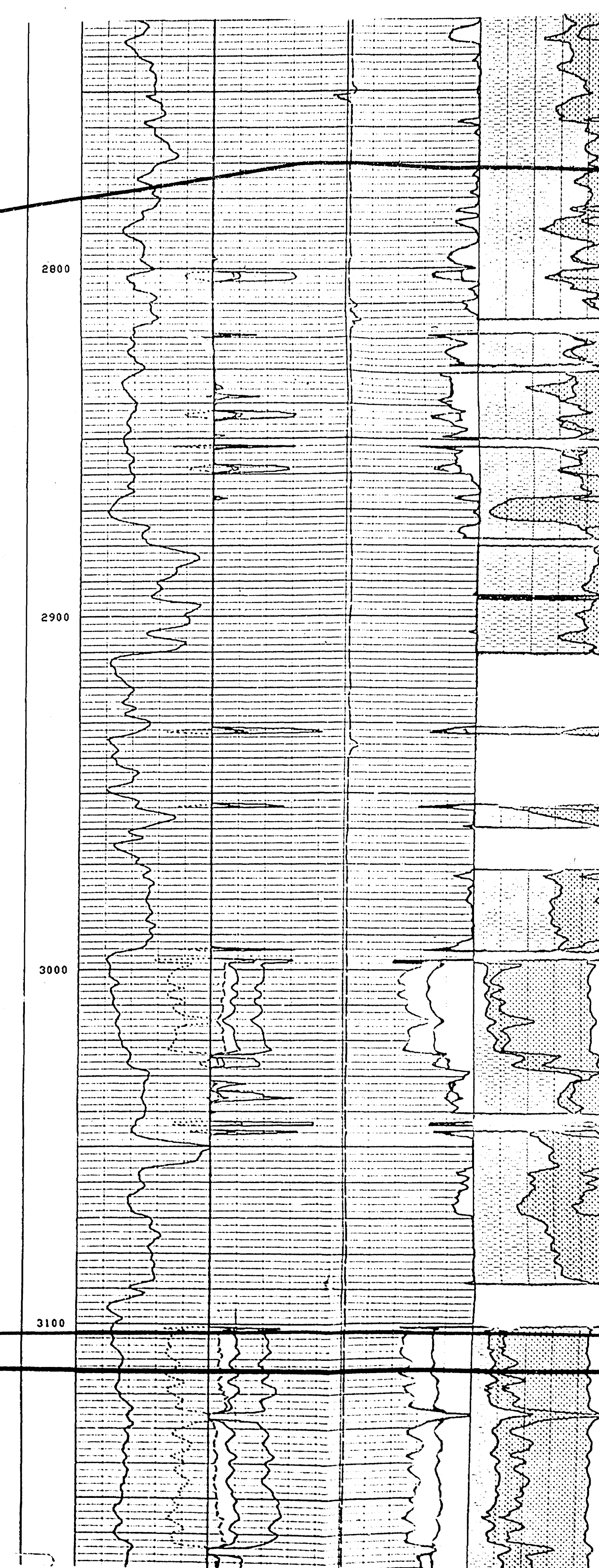
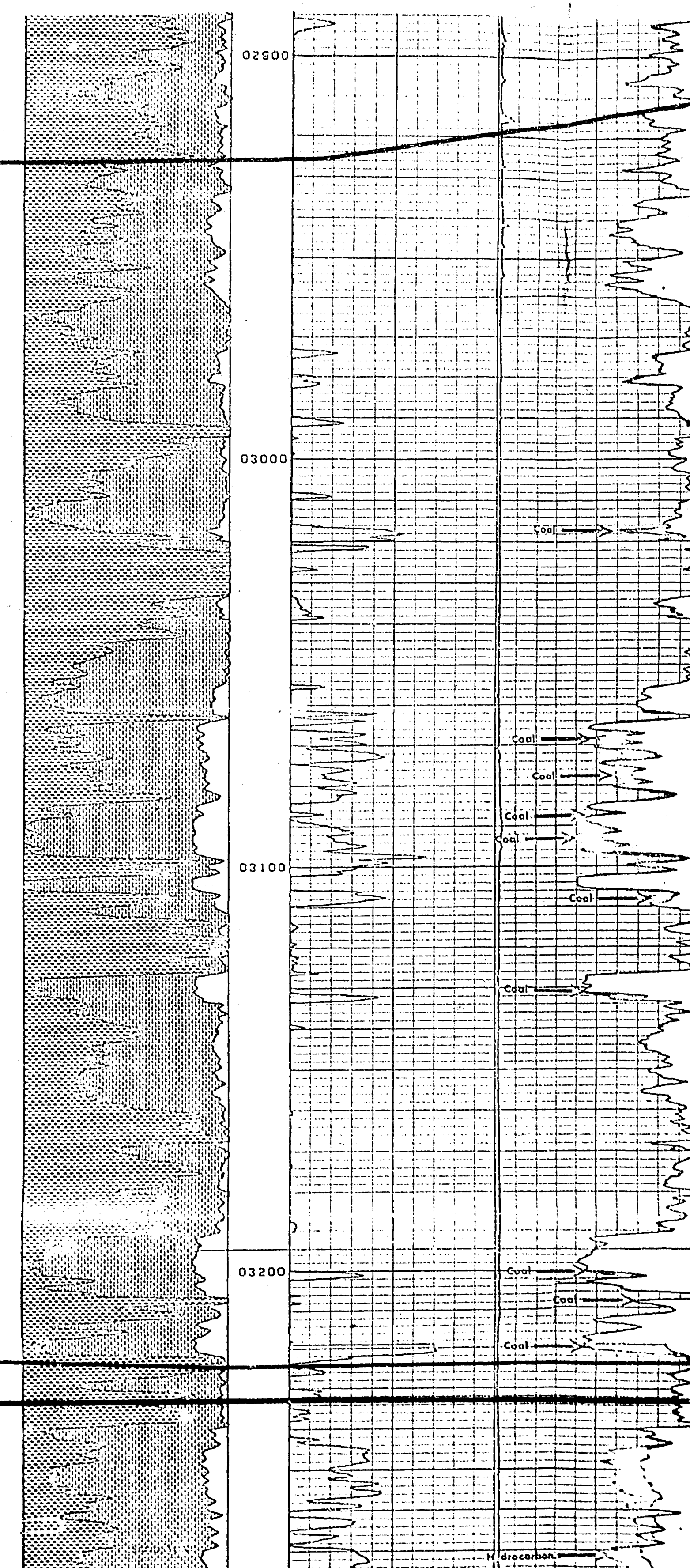
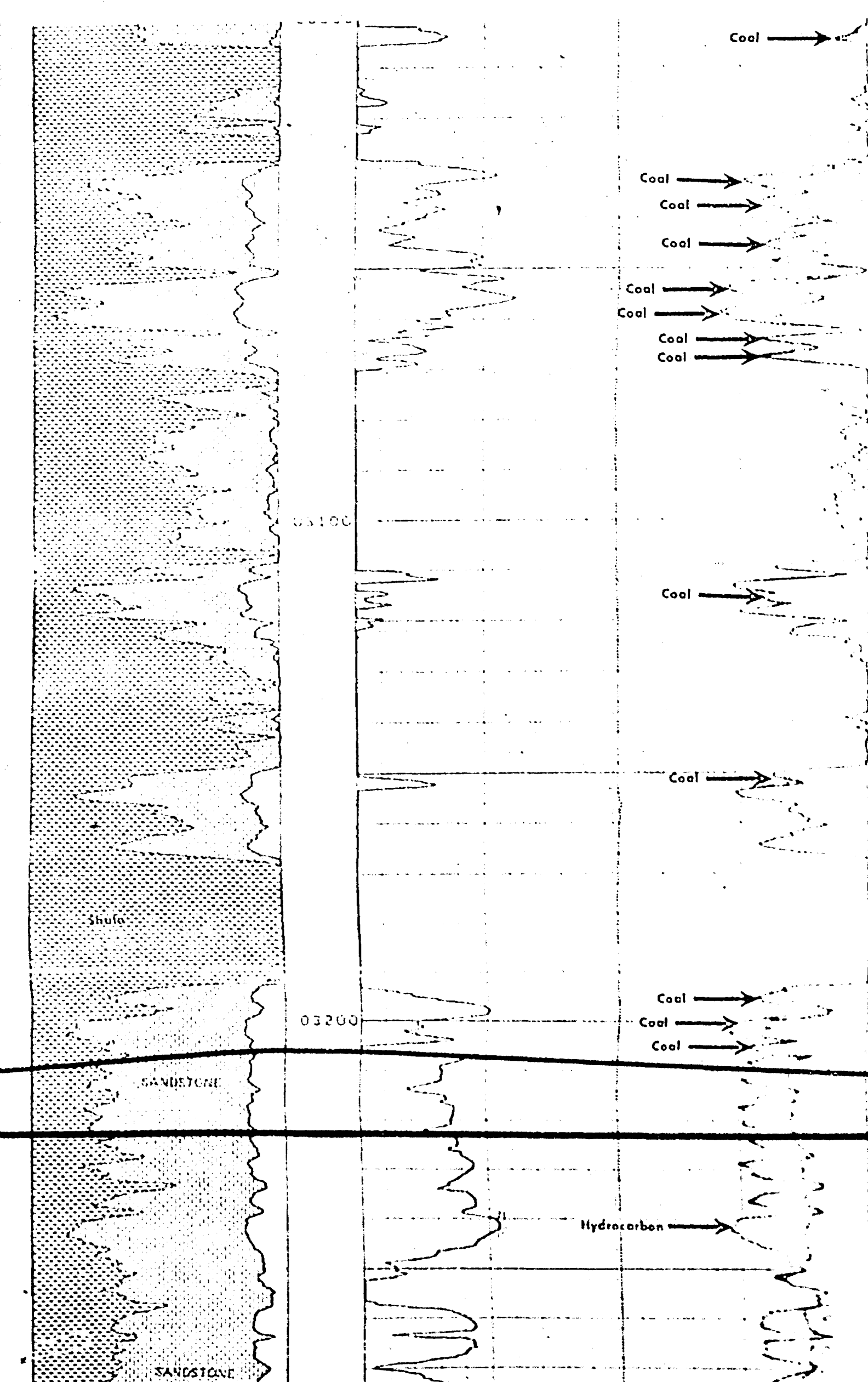
DATUM
+3100



3 A
UNIT E
SEC. 5 - 30 N - 7 W.
ELEV. + 6323 K.B.

17 A
UNIT E
SEC. 9 - 30 N - 7 W.
ELEV. + 6334 K.B.

44 A
UNIT P
SEC. 4 - 30 N - 7 W.
ELEV. + 6214 K.B.

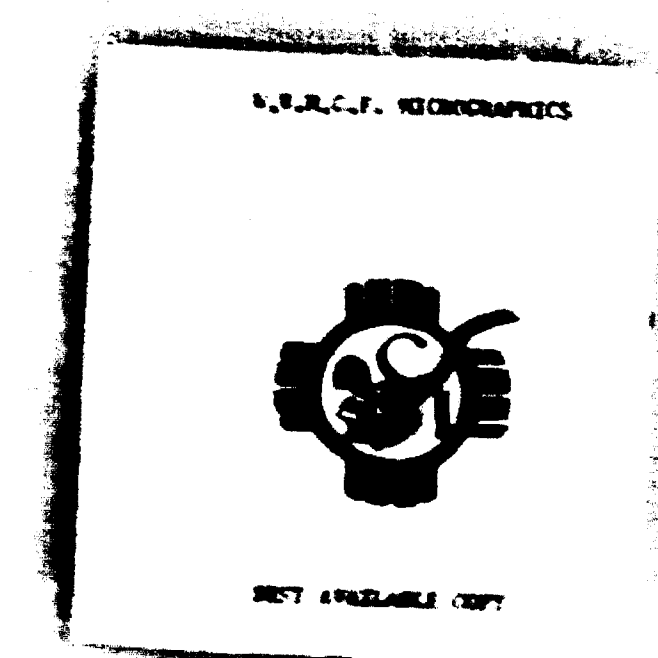
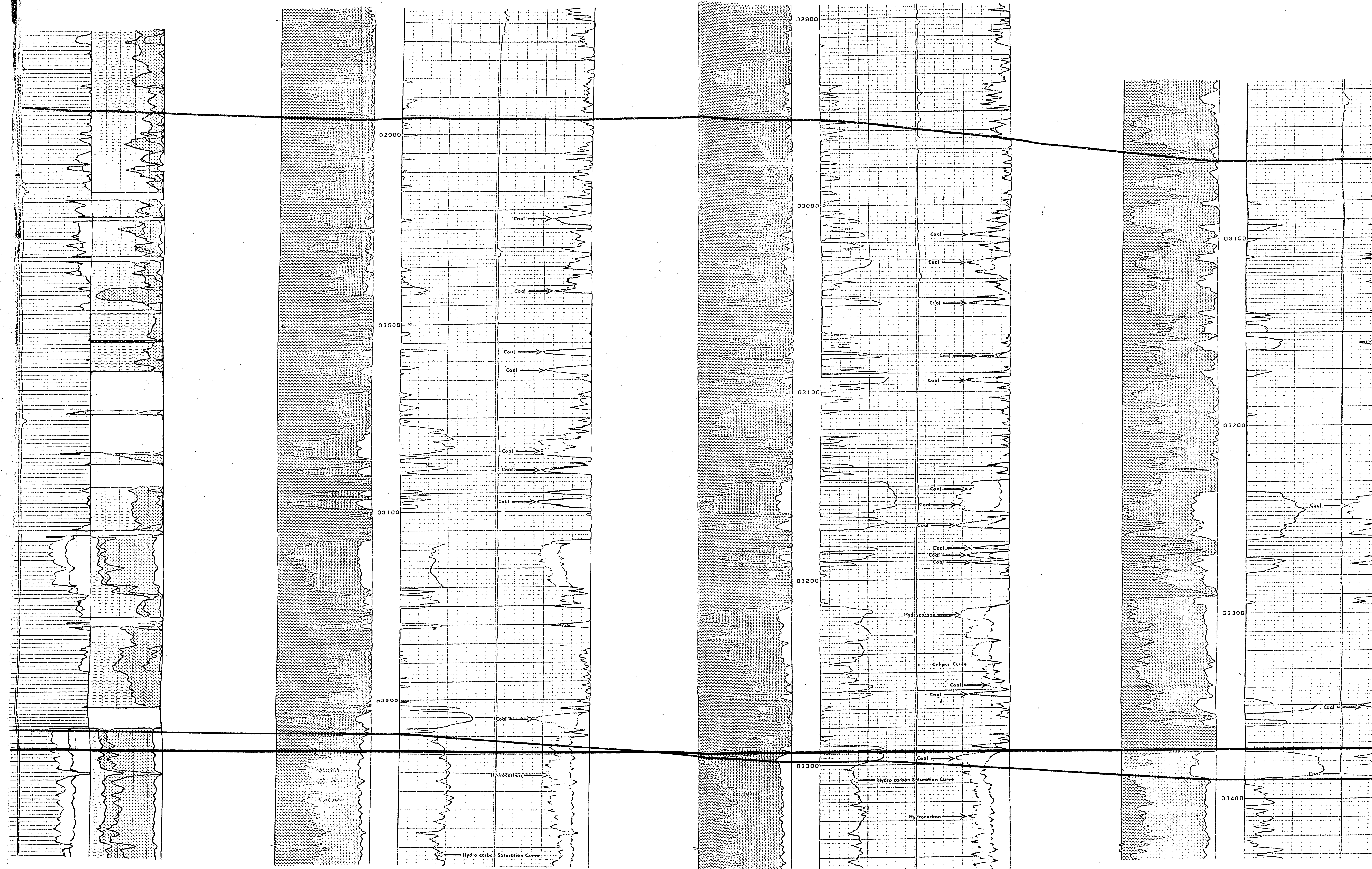


7W.
8.

16 A
UNIT J
SEC. 3-30 N-7W.
ELEV. +6328 K.B.

14 A
UNIT I
SEC. 2-30 N-7W.
ELEV. +6392 K.B.

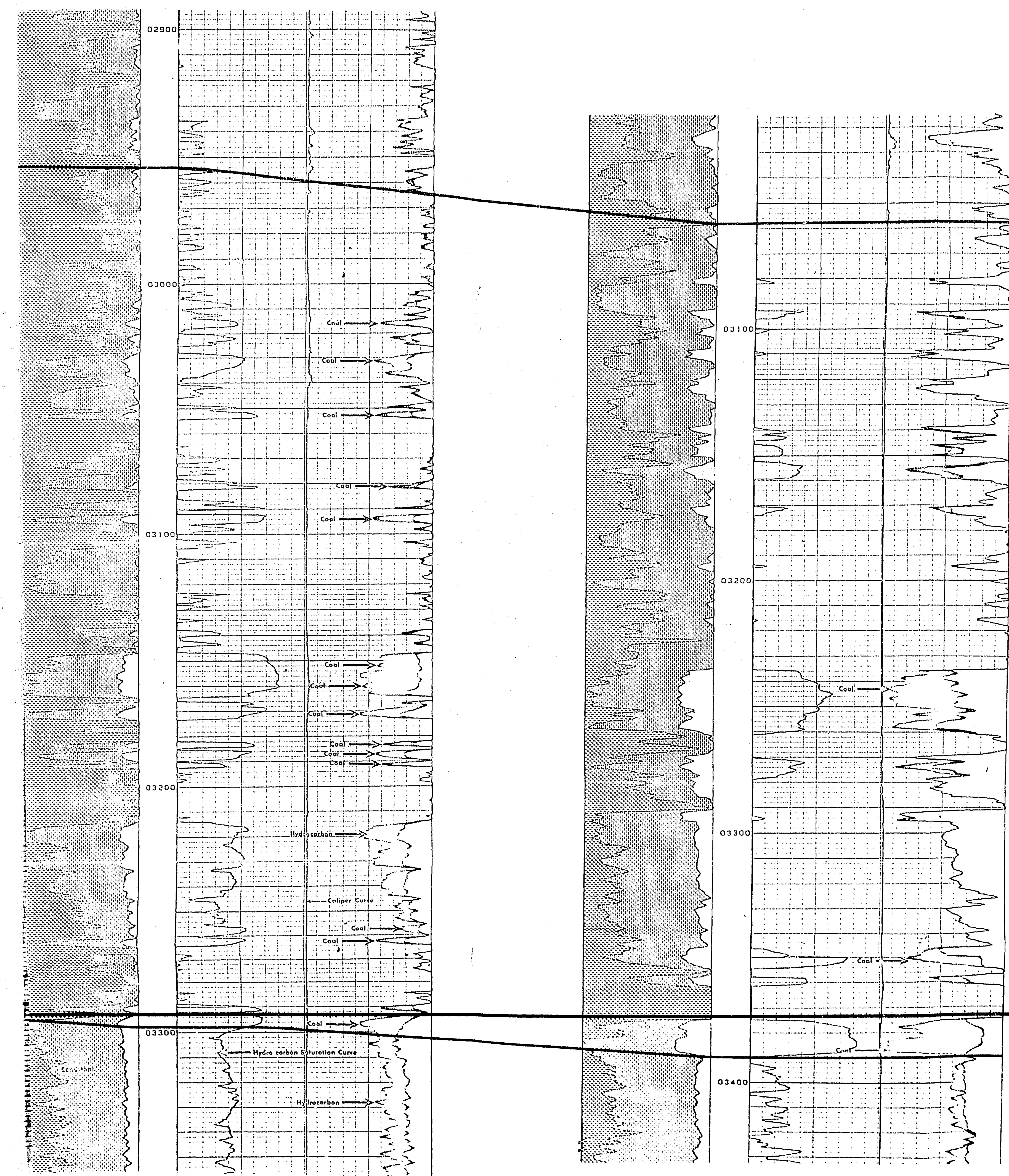
22 A
UNIT O
SEC. 36-31 N-7W.
ELEV. +6472 K.B.



C'

14 A
UNIT I
SEC. 2 - 30 N - 7 W.
ELEV. + 6392 K. B.

22 A
UNIT O
SEC. 36 - 31 N - 7 W.
ELEV. + 6472 K. B.



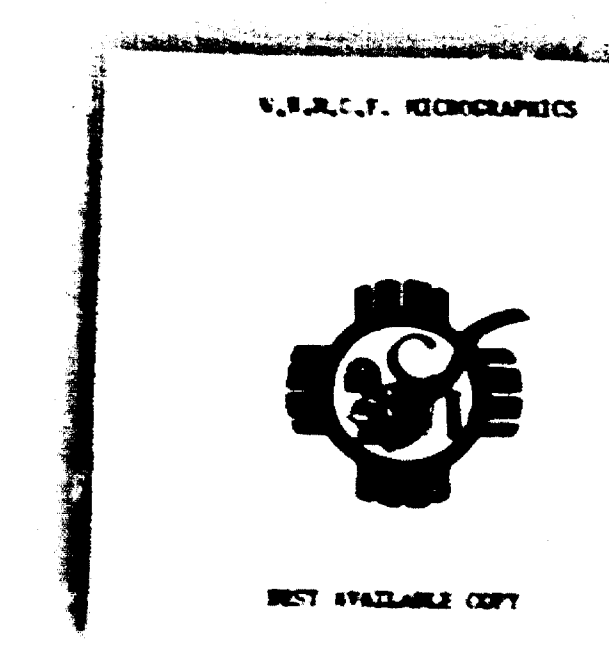
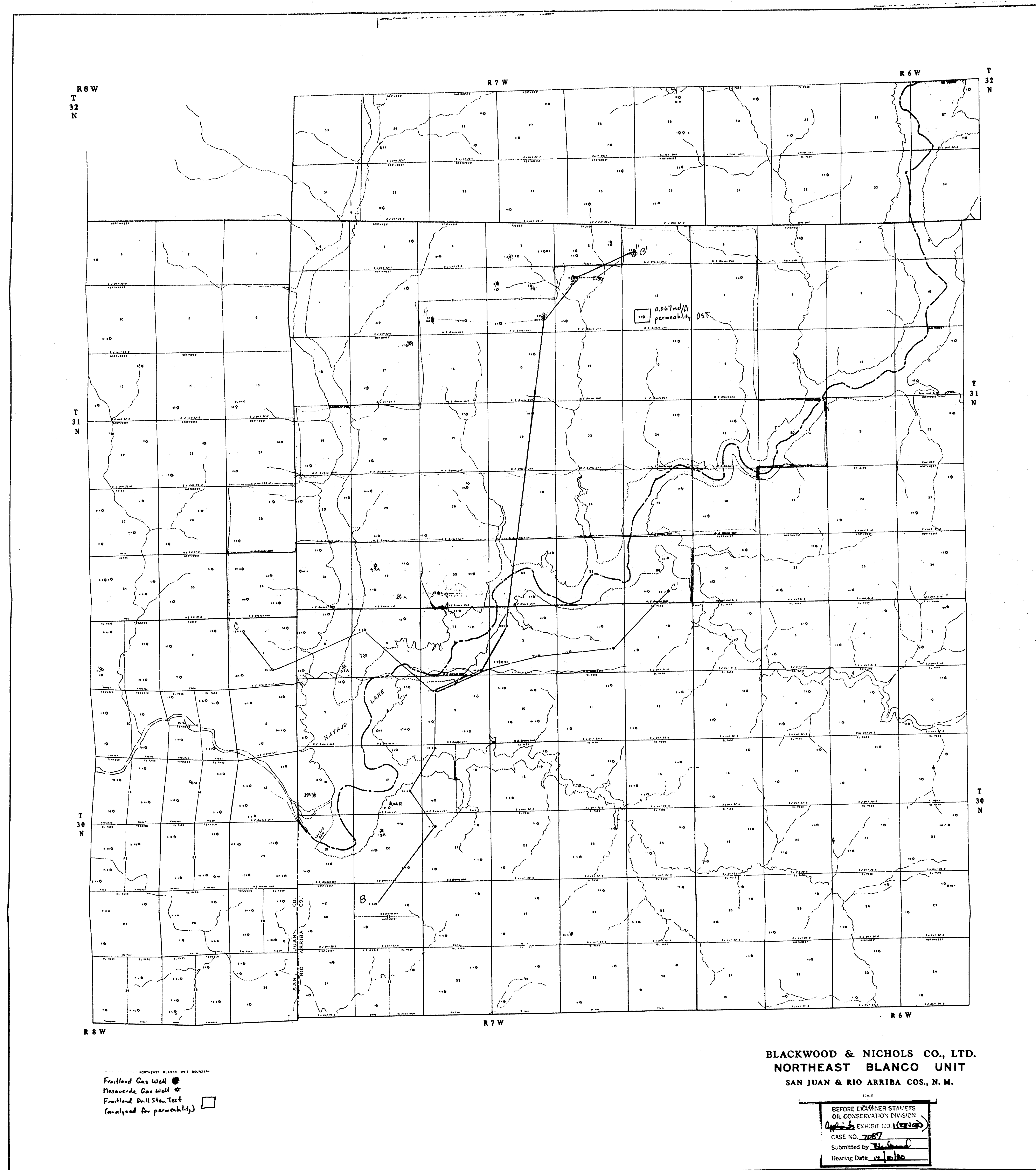
DATUM
+3100

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
Case No. 7083
Submitted by Blackwood
Hearing Date 11/1/50

BLACKWOOD & NICHOLS CO. LTD.
NORTHEAST BLANCO UNIT
SAN JUAN & RIO ARriba COUNTIES, NEW MEXICO
CROSS SECTION C-C'
FRUITLAND FORMATION
Charles F. Blackwood Oklahoma City, Okla.

Exhibit 19





R 8 W
T 32 N

R 7 W

R 6 W

T 32 N

T 31 N

T 31 N

T 30 N

T 30 N

R 8 W

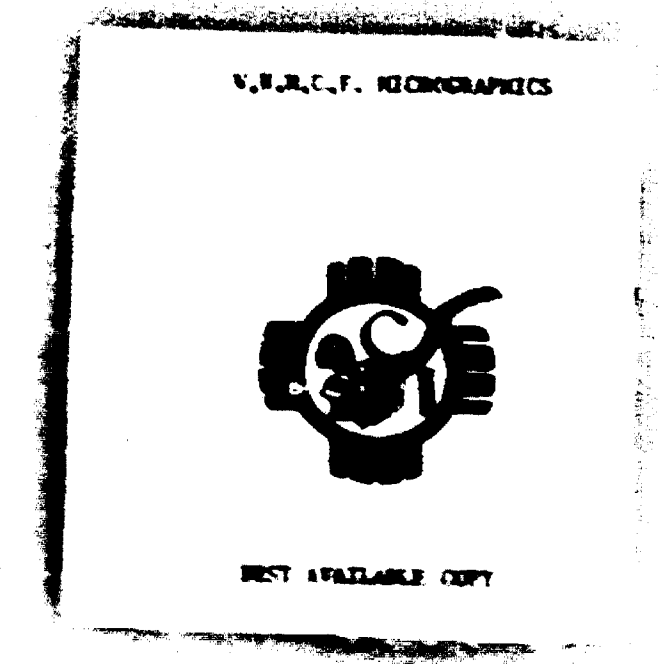
R 7 W

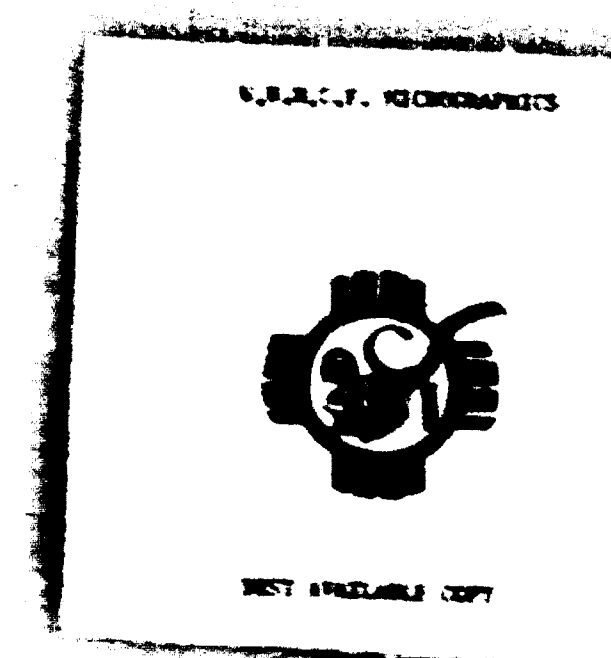
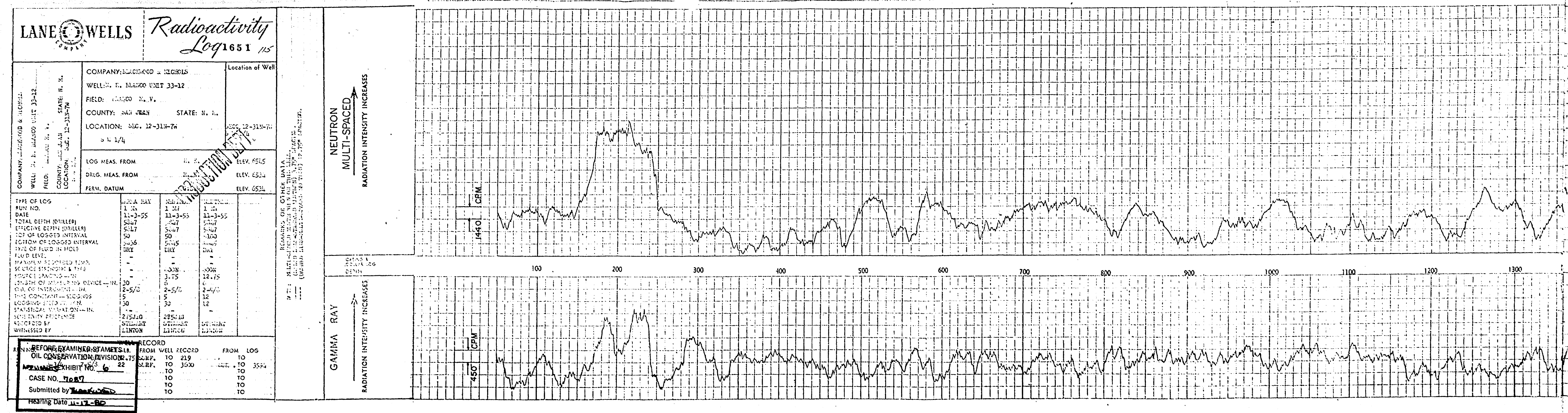
R 6 W

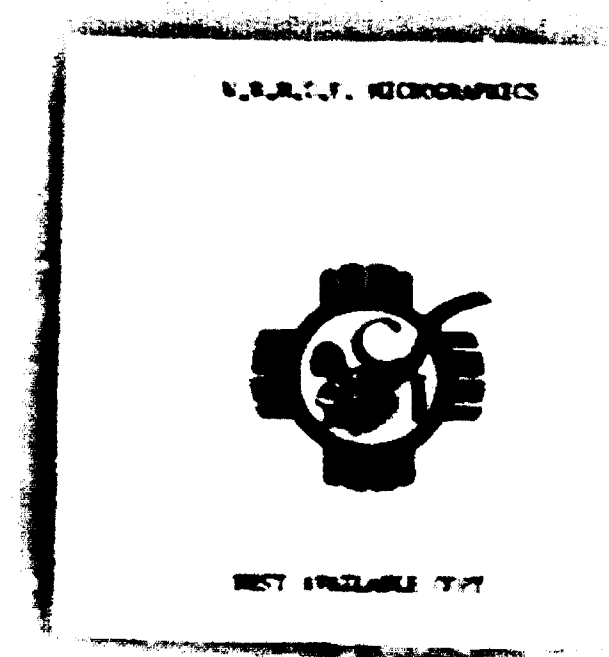
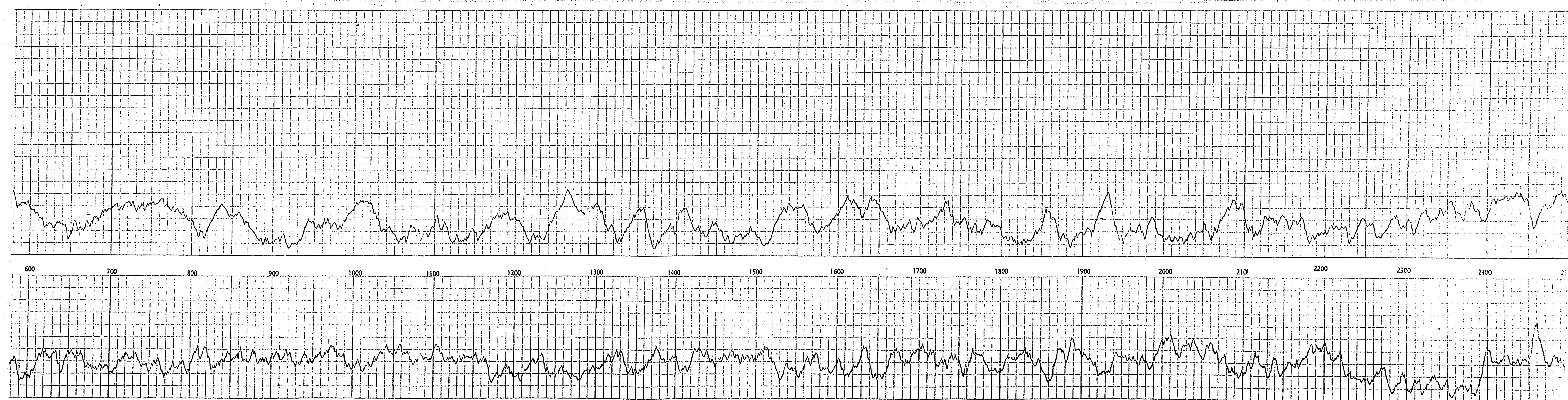
NEAREST BLANK UNIT BOUNDARY
 Fruitland Gas Well
 Manzanera Gas Well
 Fruitland Oil Shale Test
 (imagined for permeability)

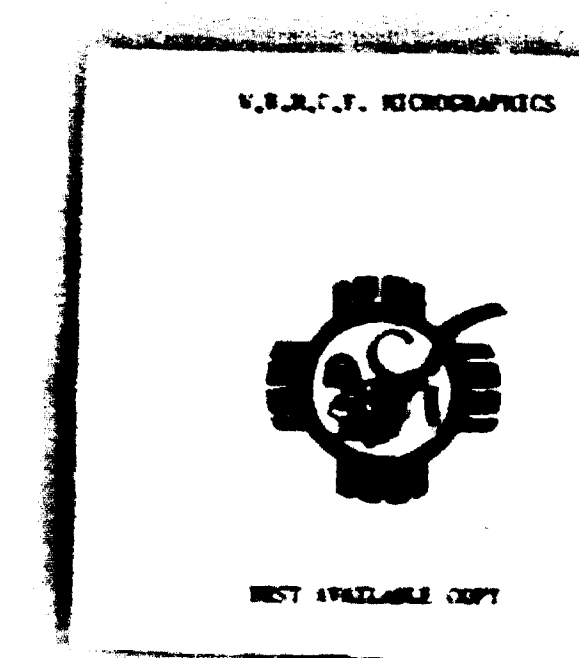
BLACKWOOD & NICHOLS CO., LTD.
 NORTHEAST BLANCO UNIT
 SAN JUAN & RIO ARRIBA COS., N. M.

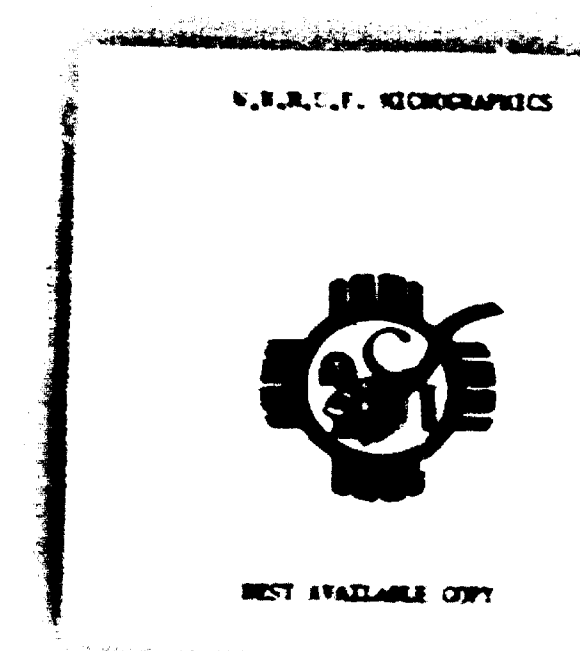
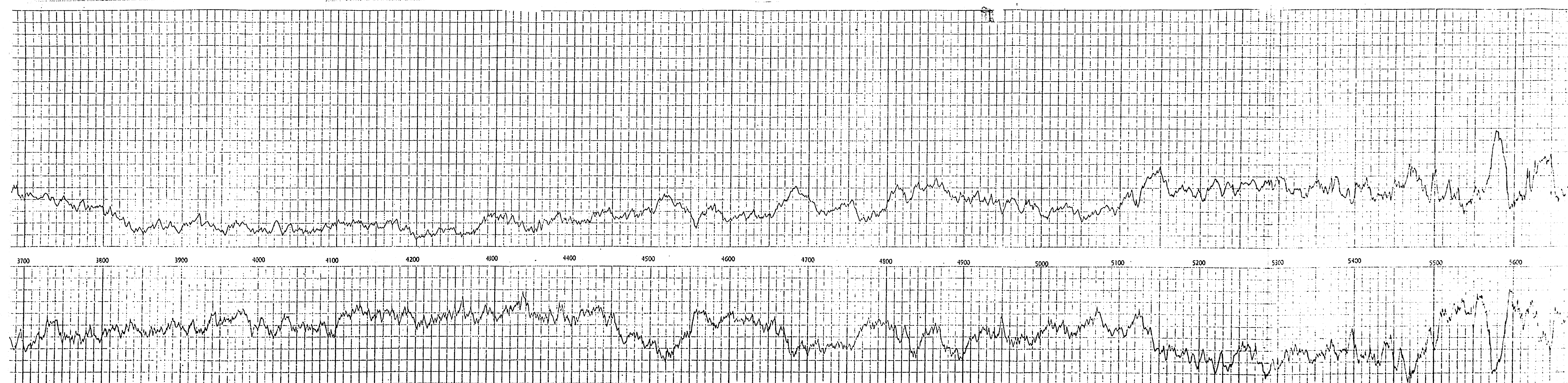
BEFORE EXAMINER STAMPS
 OIL CONSERVATION DIVISION
 EXHIBIT NO. 1
 CASE NO. 7687
 Submitted by [Signature]
 Hearing Date 4-12-50

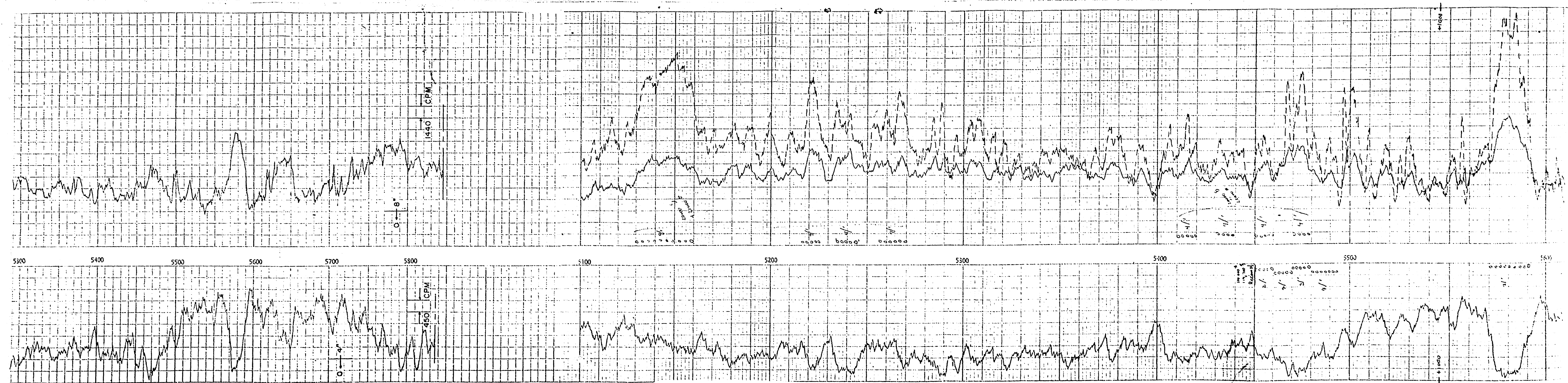


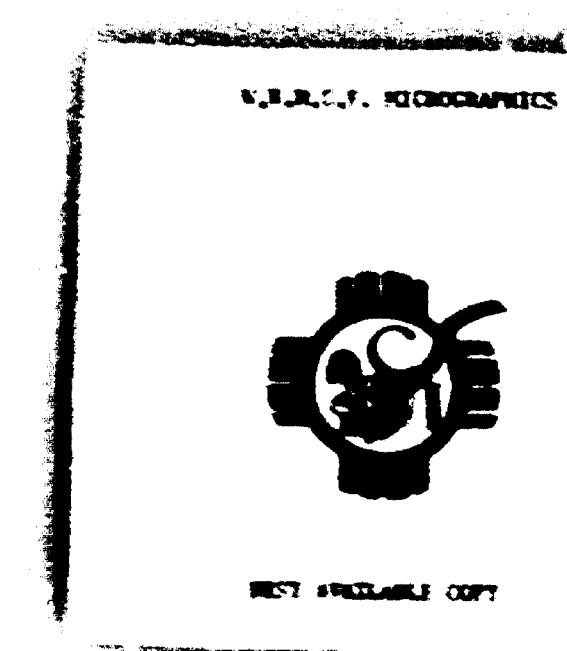
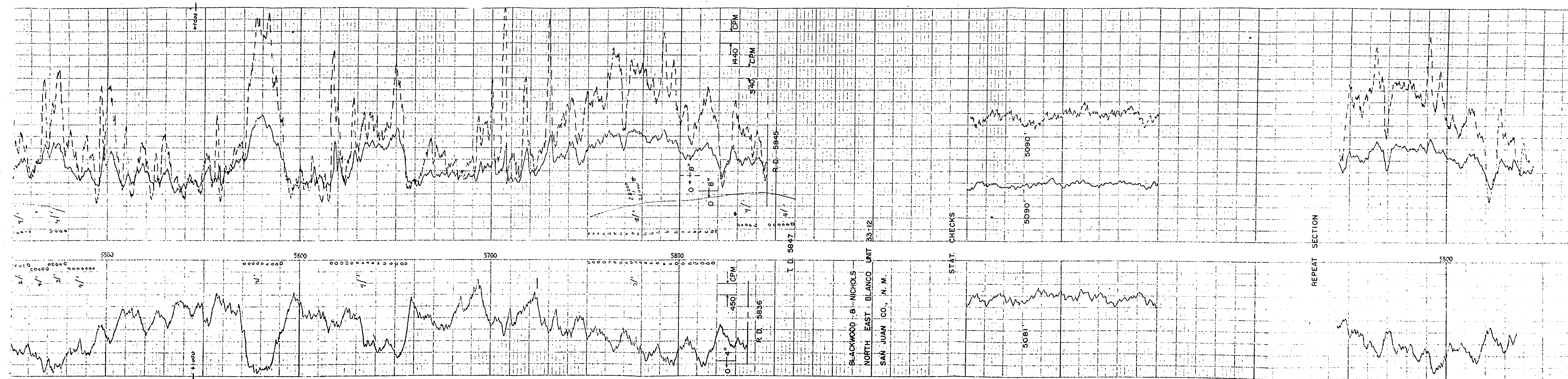


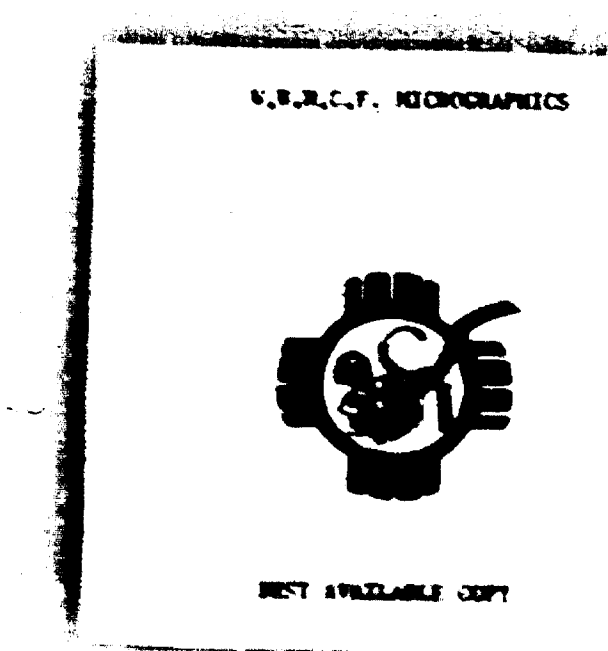
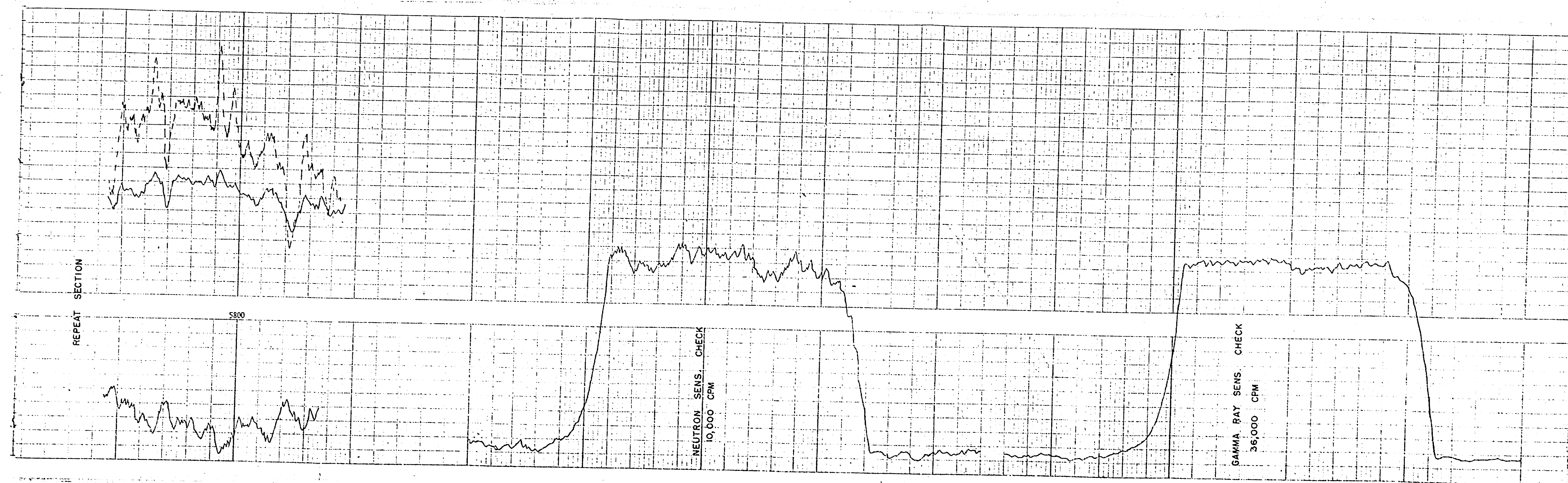












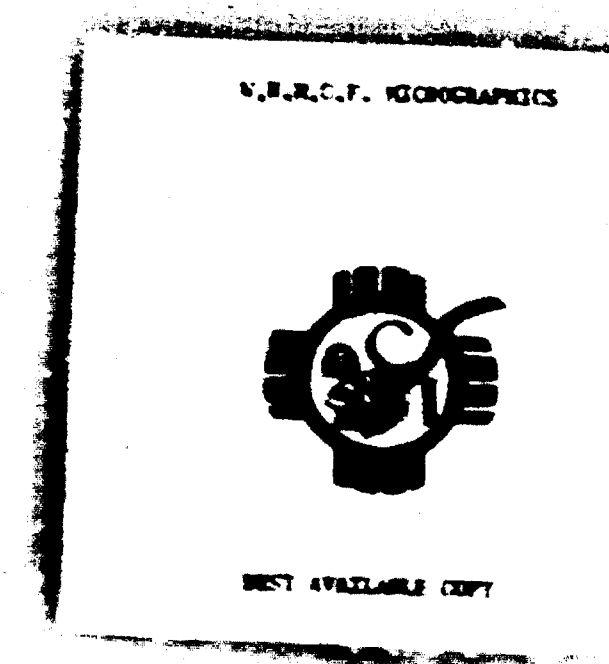
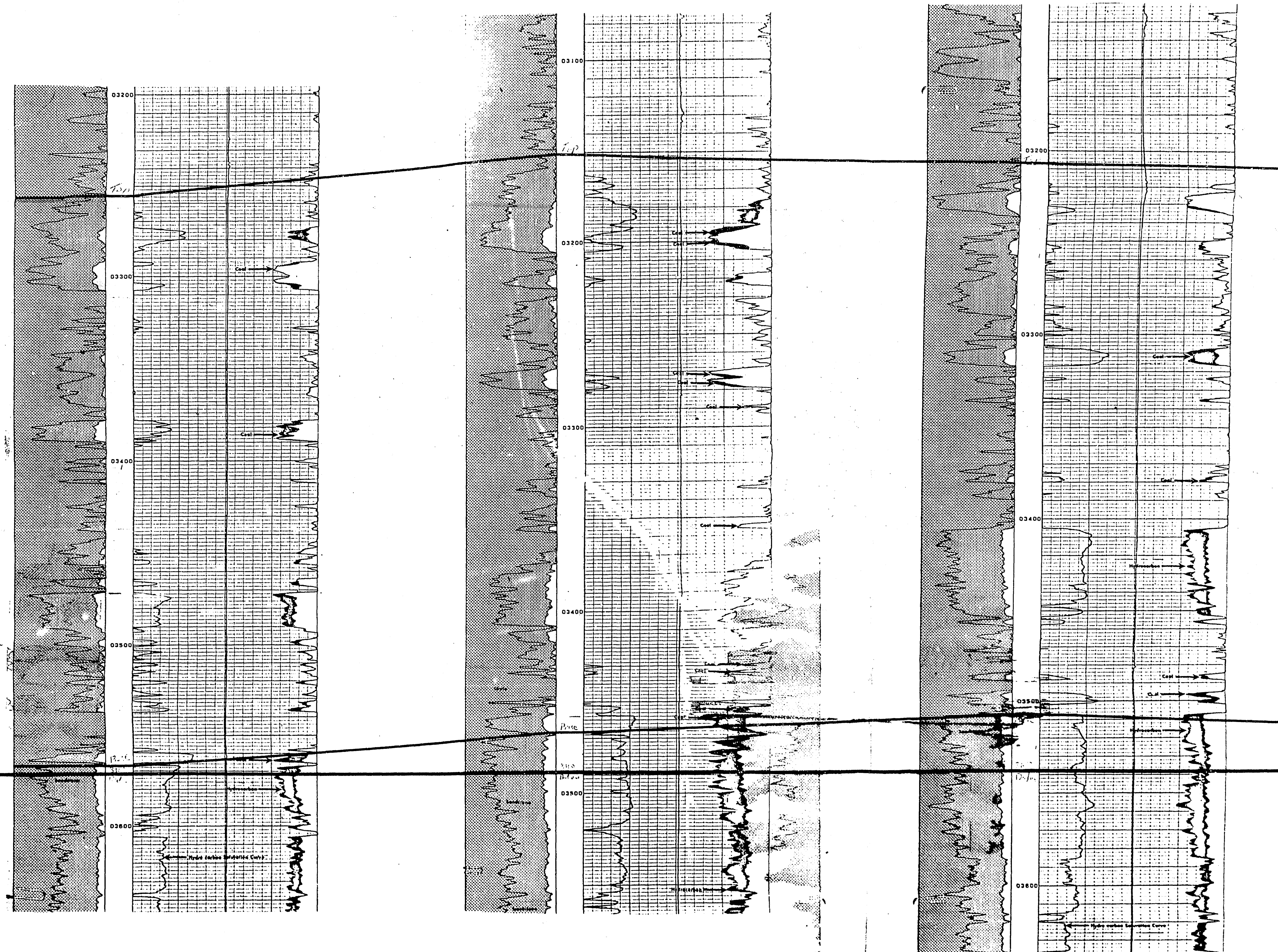
A

67
UNIT M
SEC. 9-31 N-7 W.
ELEV. +6671 K.B.

67A
UNIT O
SEC. 9-31 N-7 W.
ELEV. +6688 K.B.

64
UNIT M
SEC. 10-31 N-7 W.
ELEV. +6637 K.B.

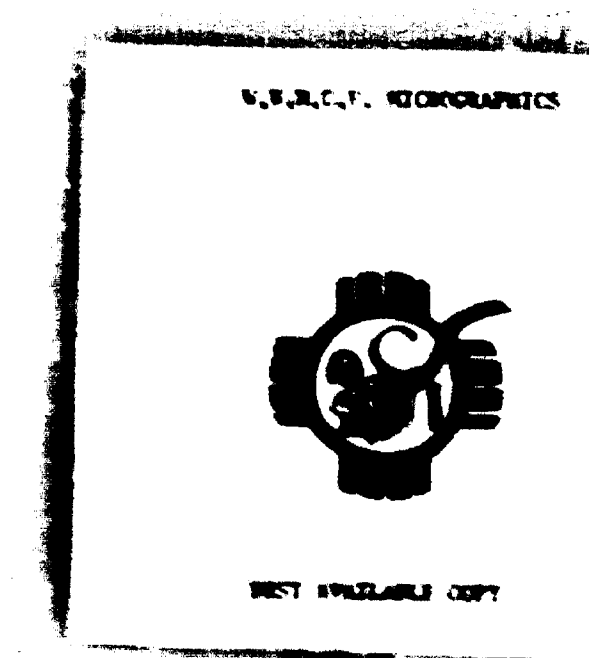
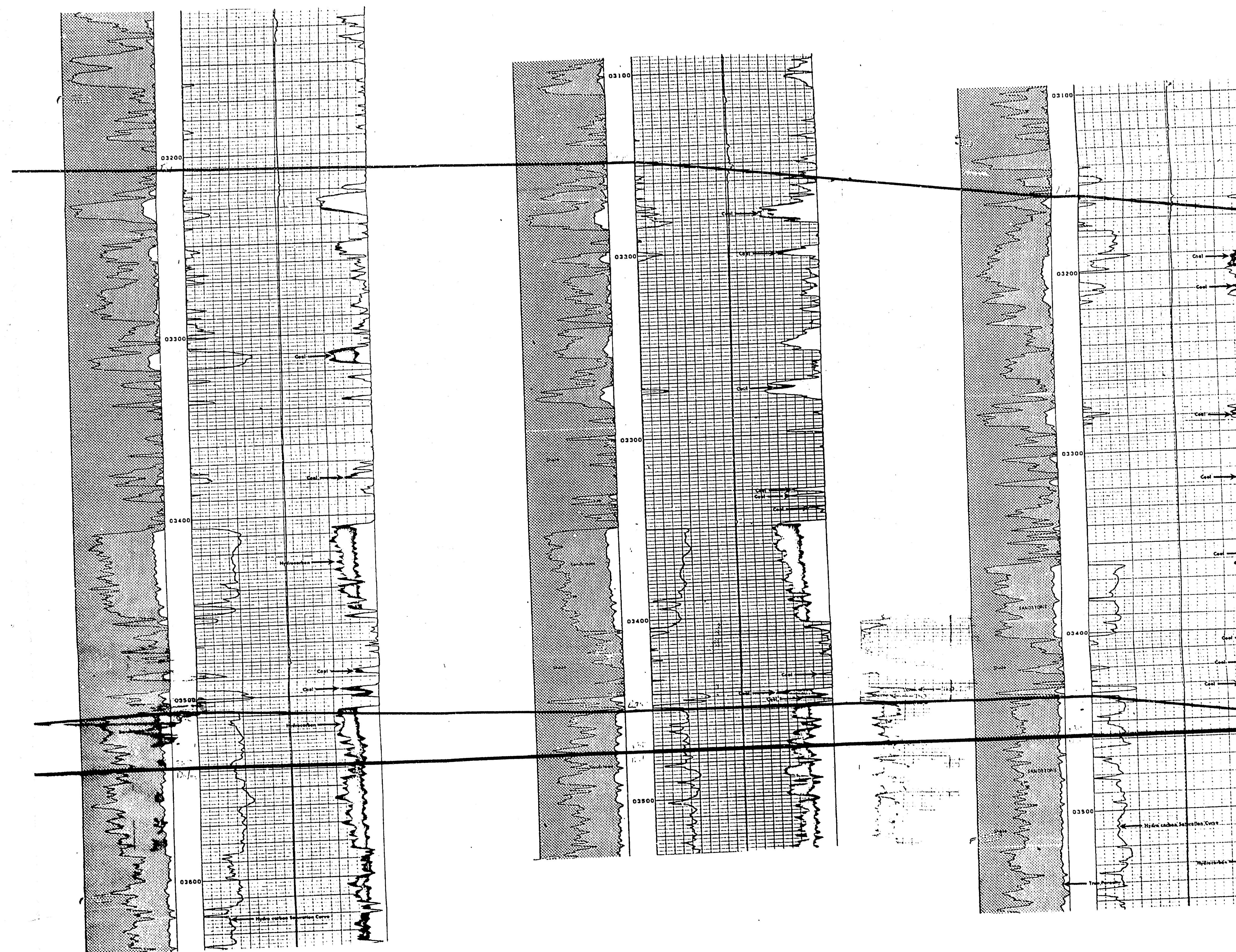
DATUM
+3100



64
UNIT M
SEC. 10-31 N-7W.
ELEV. +6637 K.B.

64 A
UNIT P
SEC. 10-31 N-7W.
ELEV. +6572 K.B.

43 A
UNIT C
SEC. 11-31 N-7W.
ELEV. +6557 K.B.

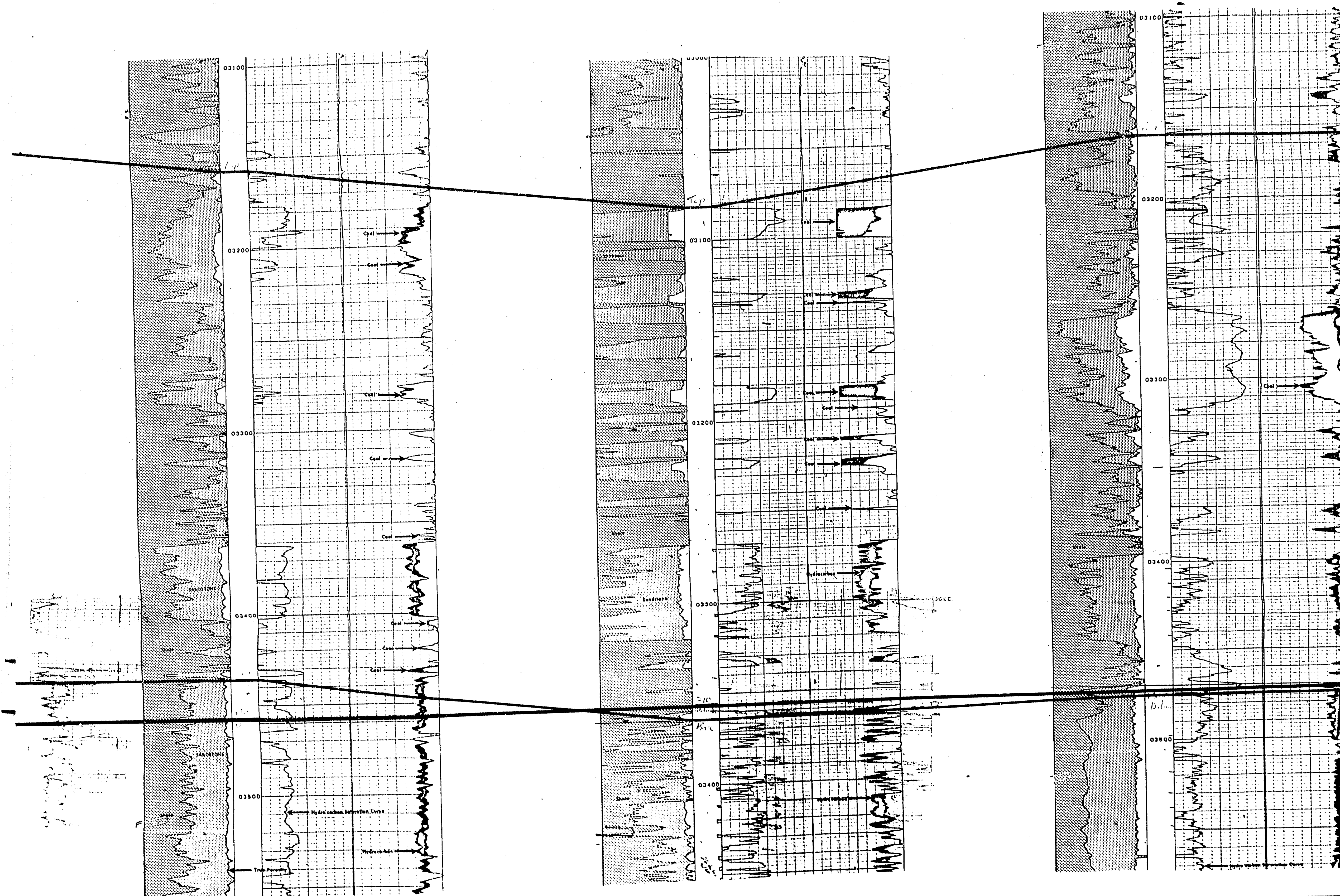


43 A
UNIT C
SEC. 11-31 N-7W.
ELEV. + 6557 K. B.

65
UNIT P
SEC. 11-31 N-7W.
ELEV. + 6457 K. B.

63
UNIT M
SEC. 1-31 N-7W
ELEV. + 6572 K. B.

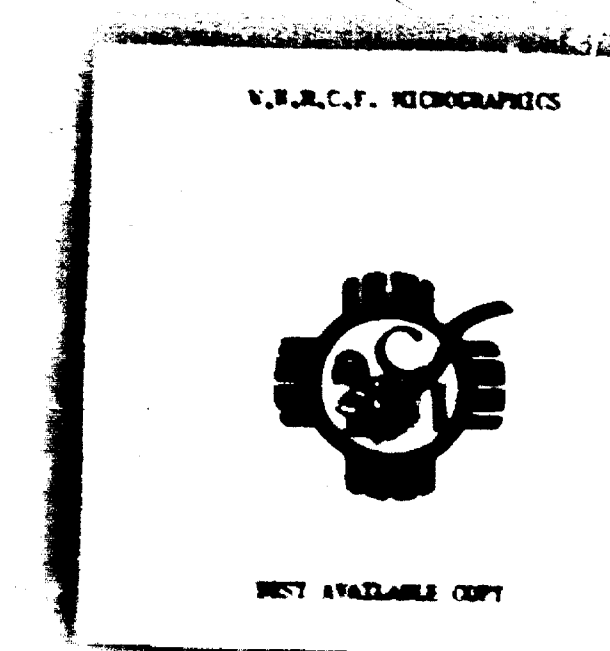
A'



DATUM
+3100

BEFORE EXAMINER STAMPS
OIL CONSERVATION DIVISION
Case No. 7087
Submitted by [Signature]
Hearing Date 12/10/80

BLACKWOOD & NICHOLS CO. LTD.
NORTHEAST BLANCO UNIT
SAN JUAN & RIO ARriba COUNTIES, NEW MEXICO
CROSS SECTION A-A'
FRUITLAND FORMATION
Charles F. Blackwood Oklahoma City, Okla.



B

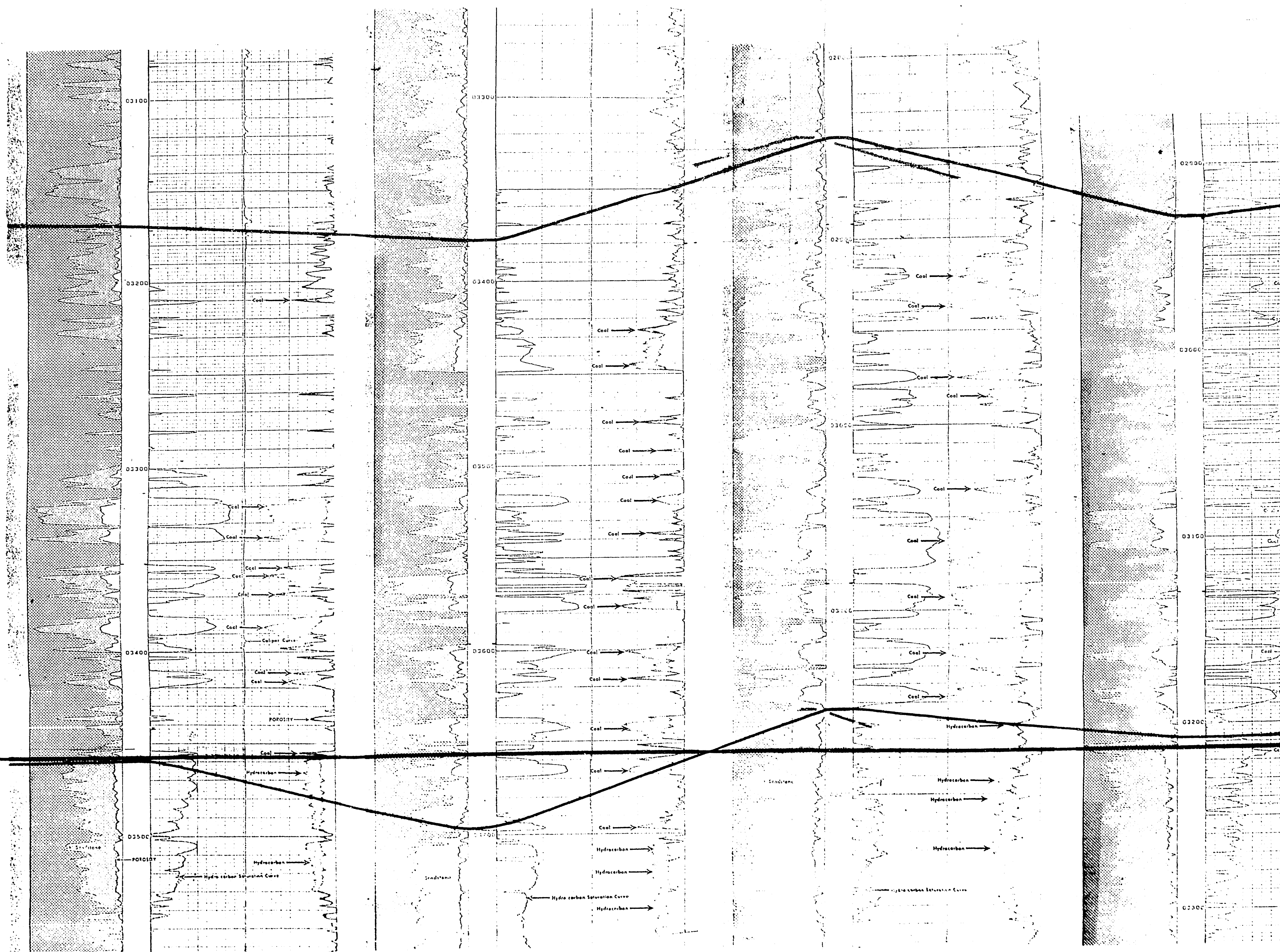
6 A
UNIT F
SEC. 29-30 N-7 W.
ELEV. + 6558 K. B.

19 A
UNIT P
SEC. 20-30 N-7 W.
ELEV. + 6756 K. B.

4 A
UNIT D
SEC. 21-30 N-7 W.
ELEV. + 6276 K. B.

24 A
UNIT I
SEC. 17-30 N-7 W.
ELEV. + 6314 K. B.

DATUM
+ 3100



[illegible]

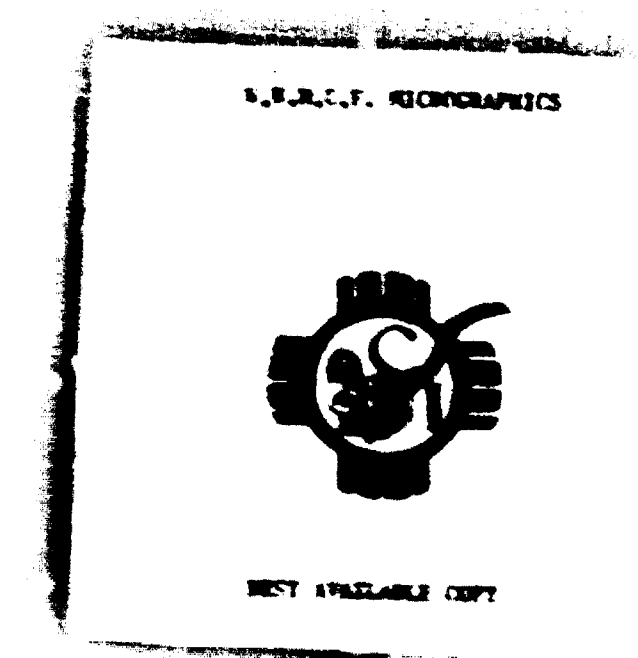
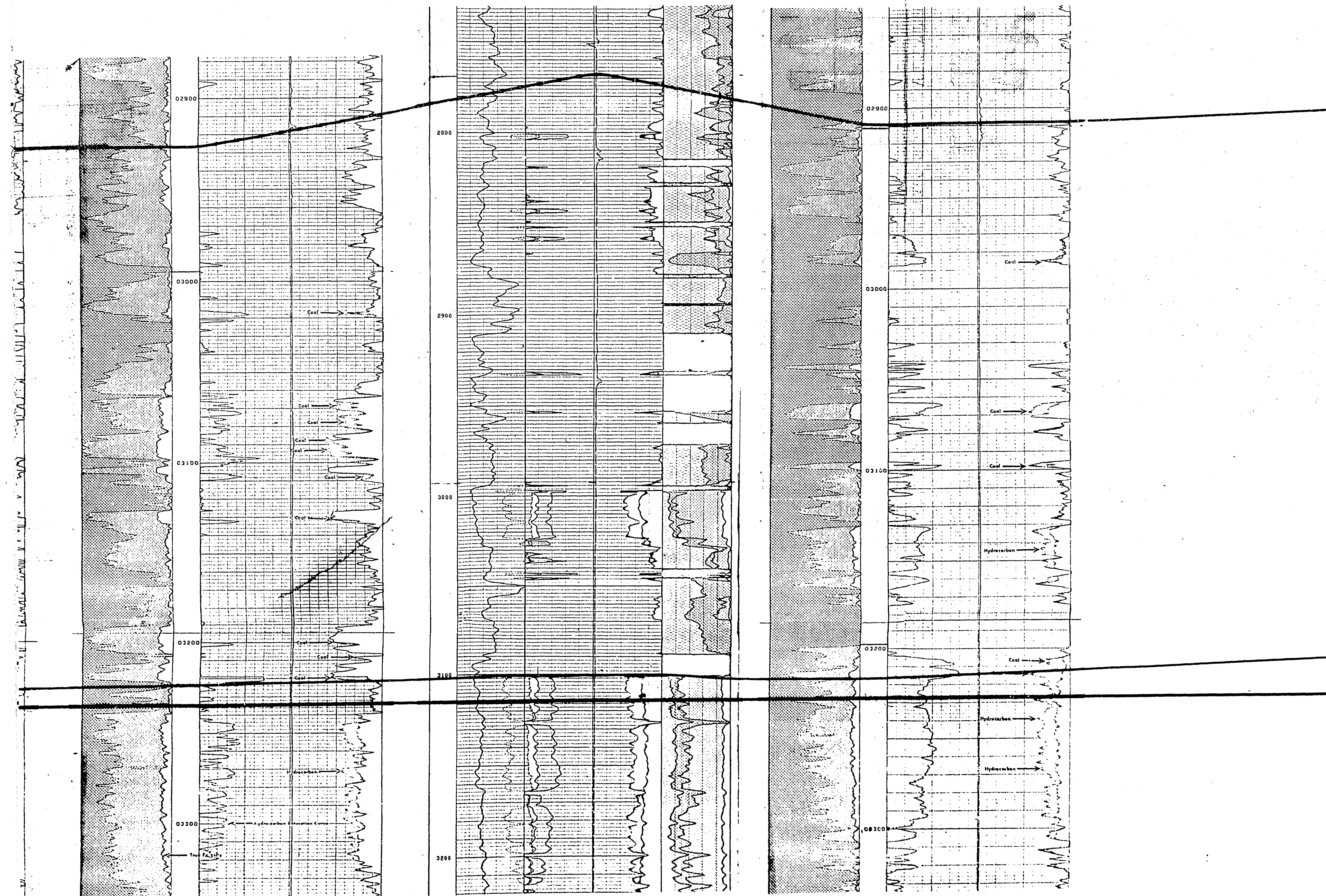
This image shows a vertical strip of a document, likely a page from a book or a document. The left side of the strip is dominated by a large, dark, irregular shape, which appears to be a scan artifact or a large mark. To the right of this shape, there is a grid of small tables. Each table contains text and numbers, arranged in a structured manner. The text is small and difficult to read, but it appears to be organized into columns and rows. The overall appearance is that of a scanned document page with a significant artifact on the left side.

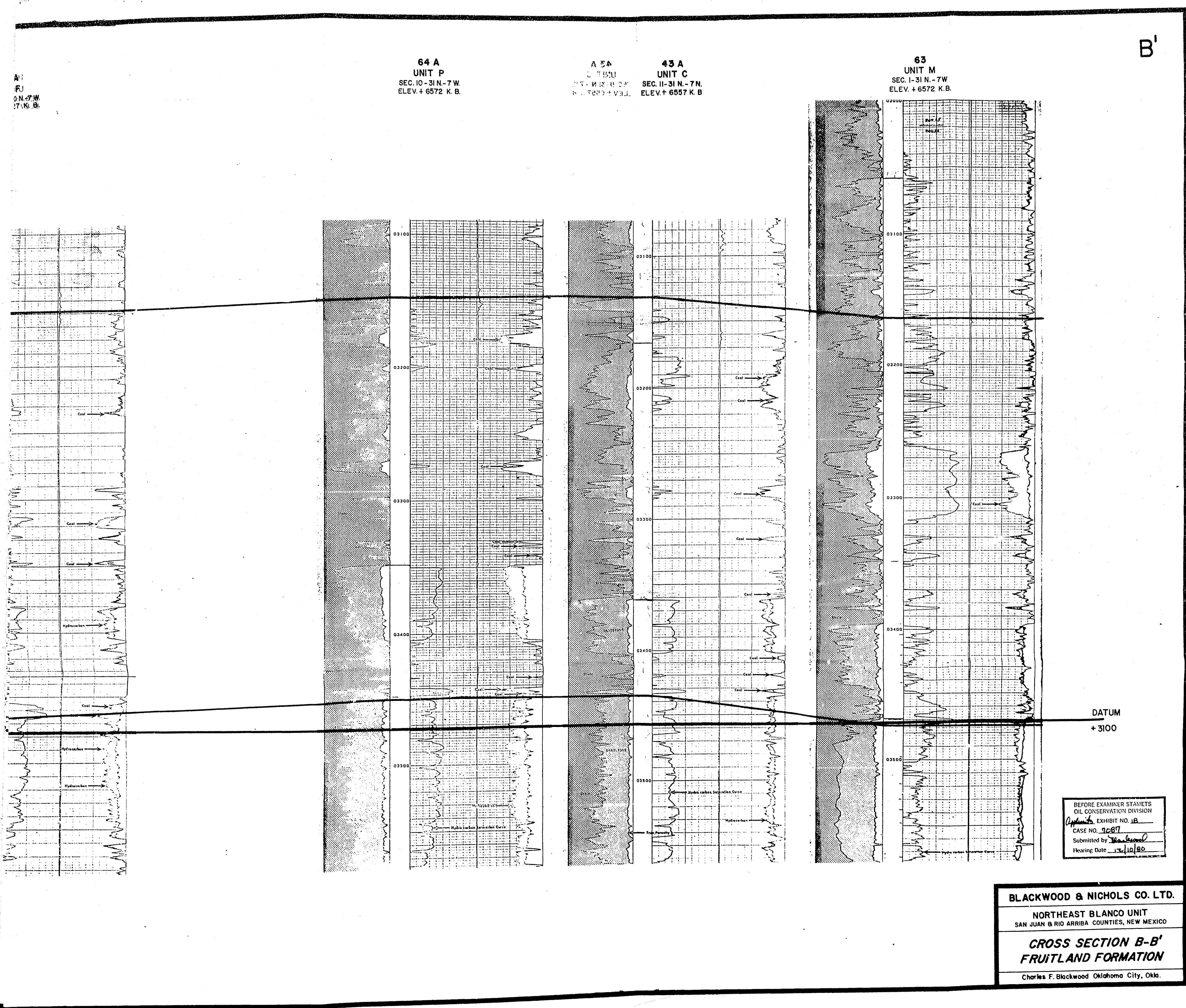


AC 17A
 Q TUM UNIT E
 SEC. 9-30 N-7 N
 ELEV. +6324 K.B.

44A
 UNIT P
 SEC. 4-30 N-7 W
 ELEV. +6214 K.B.

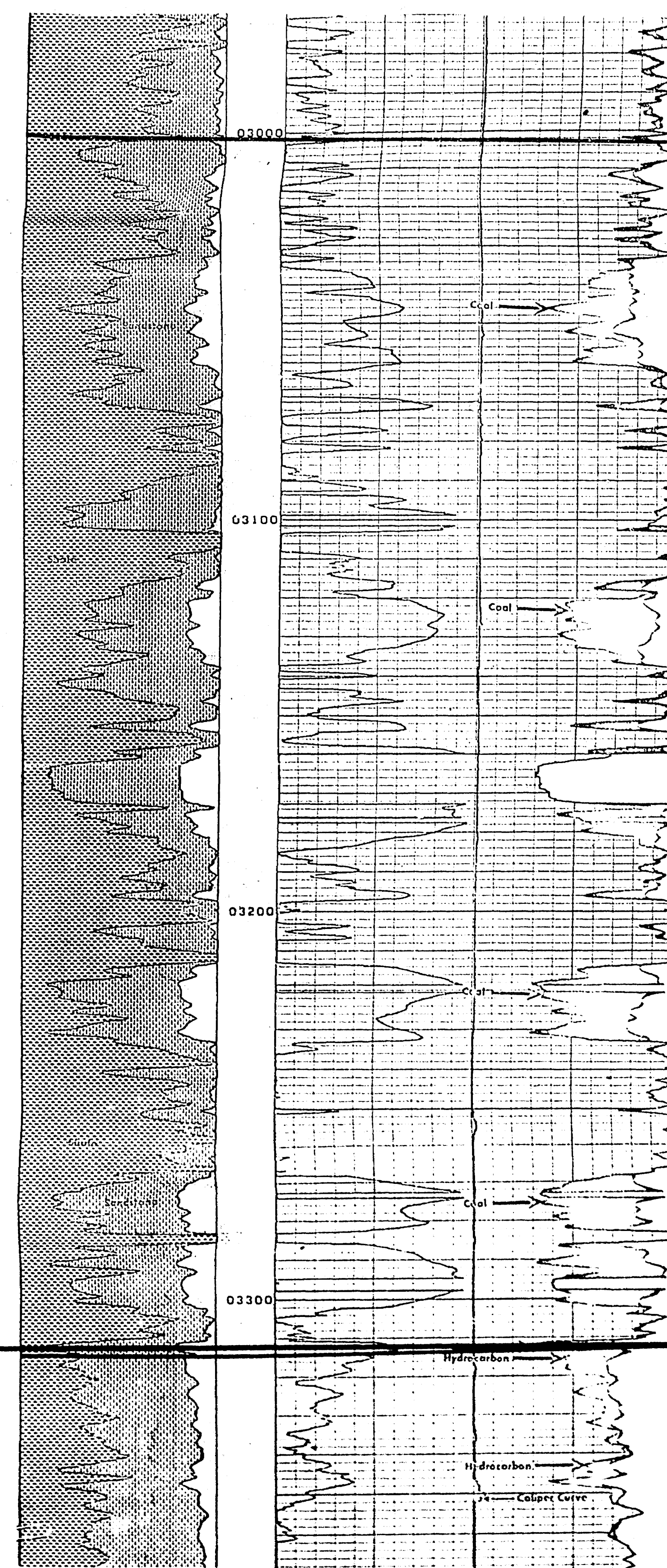
102A
 UNIT IFU
 SEC. 13-30 N-7 W
 ELEV. +6217 K.B.



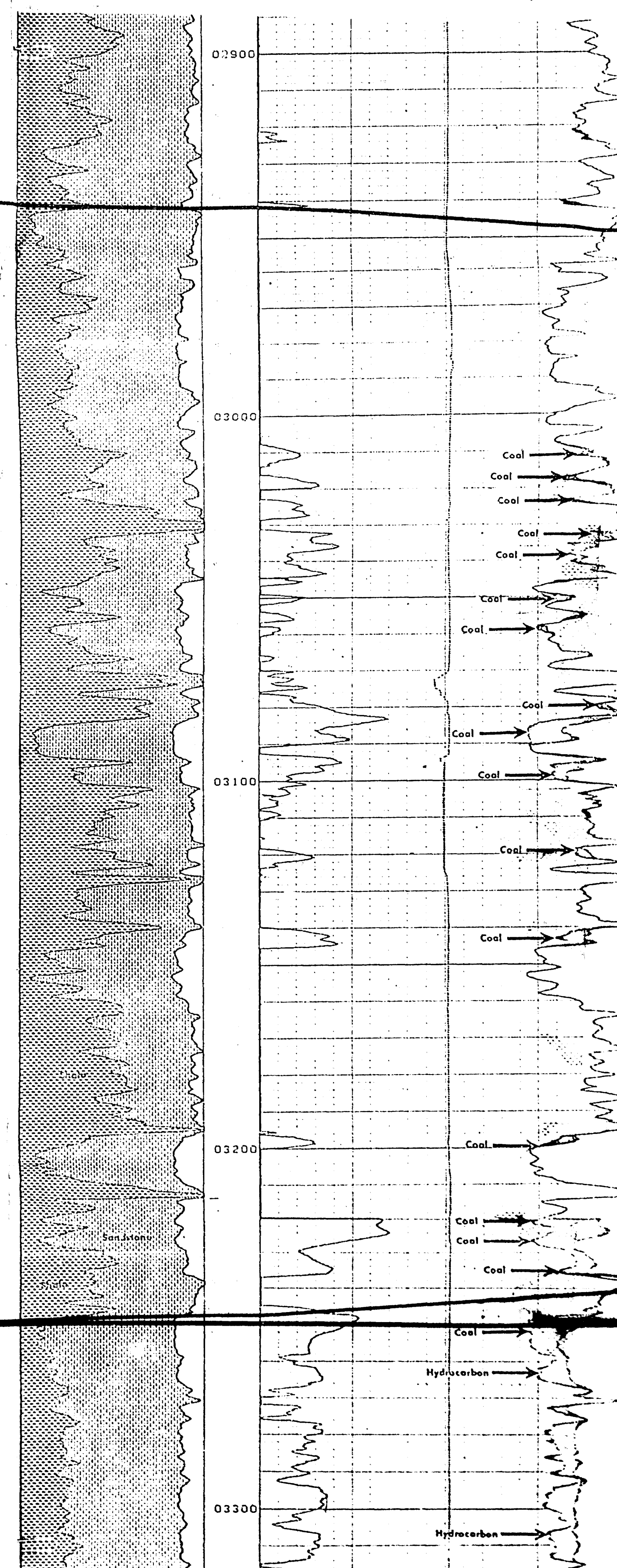


C

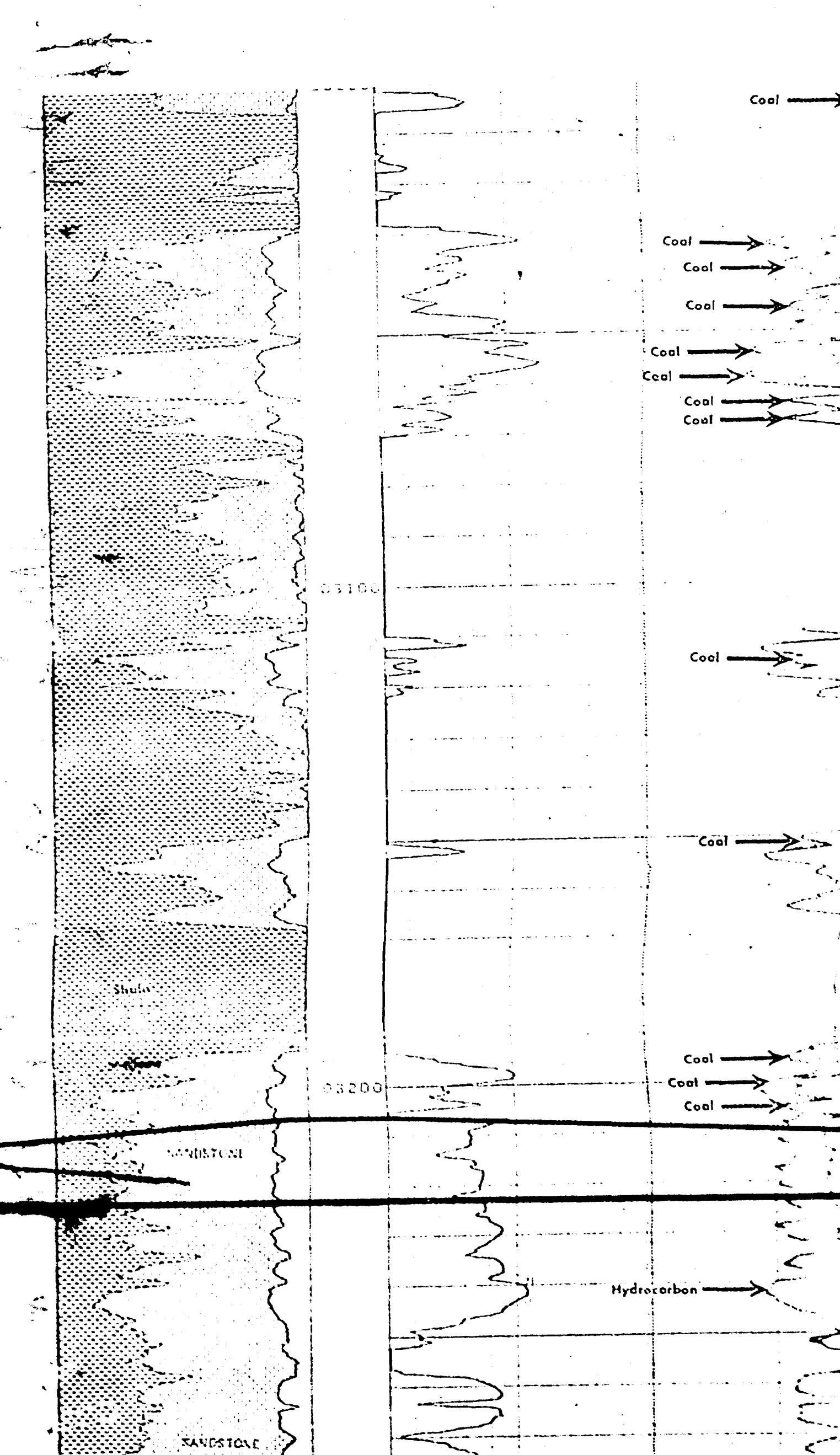
104 A
UNIT D
SEC. 1-30 N-8 W.
ELEV. +6413 K.B.



36 A
UNIT O
SEC. 1-30 N-8 W.
ELEV. +6360 K.B.



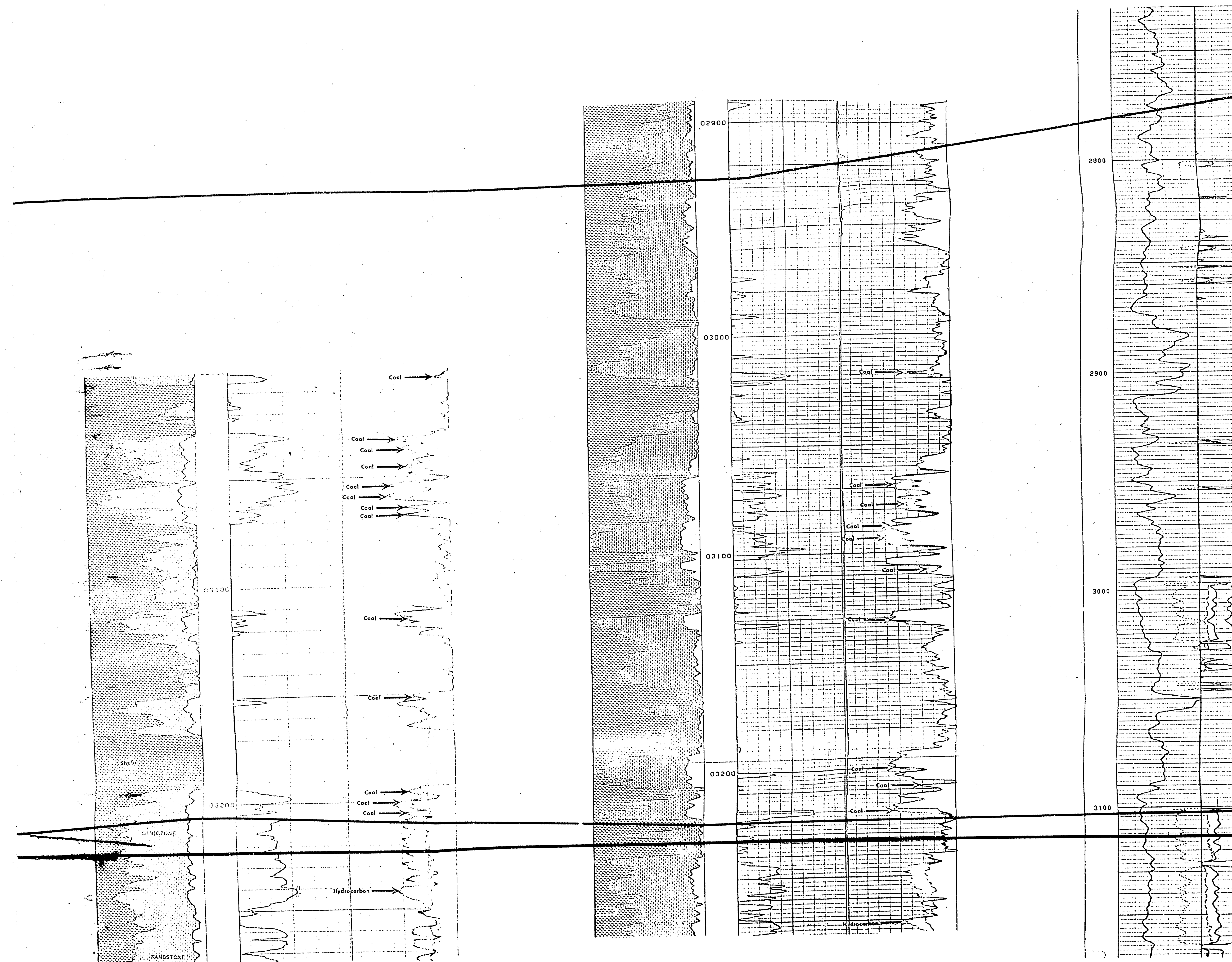
3 A
UNIT E
SEC. 5-30 N-7 W.
ELEV. +6323 K.B.



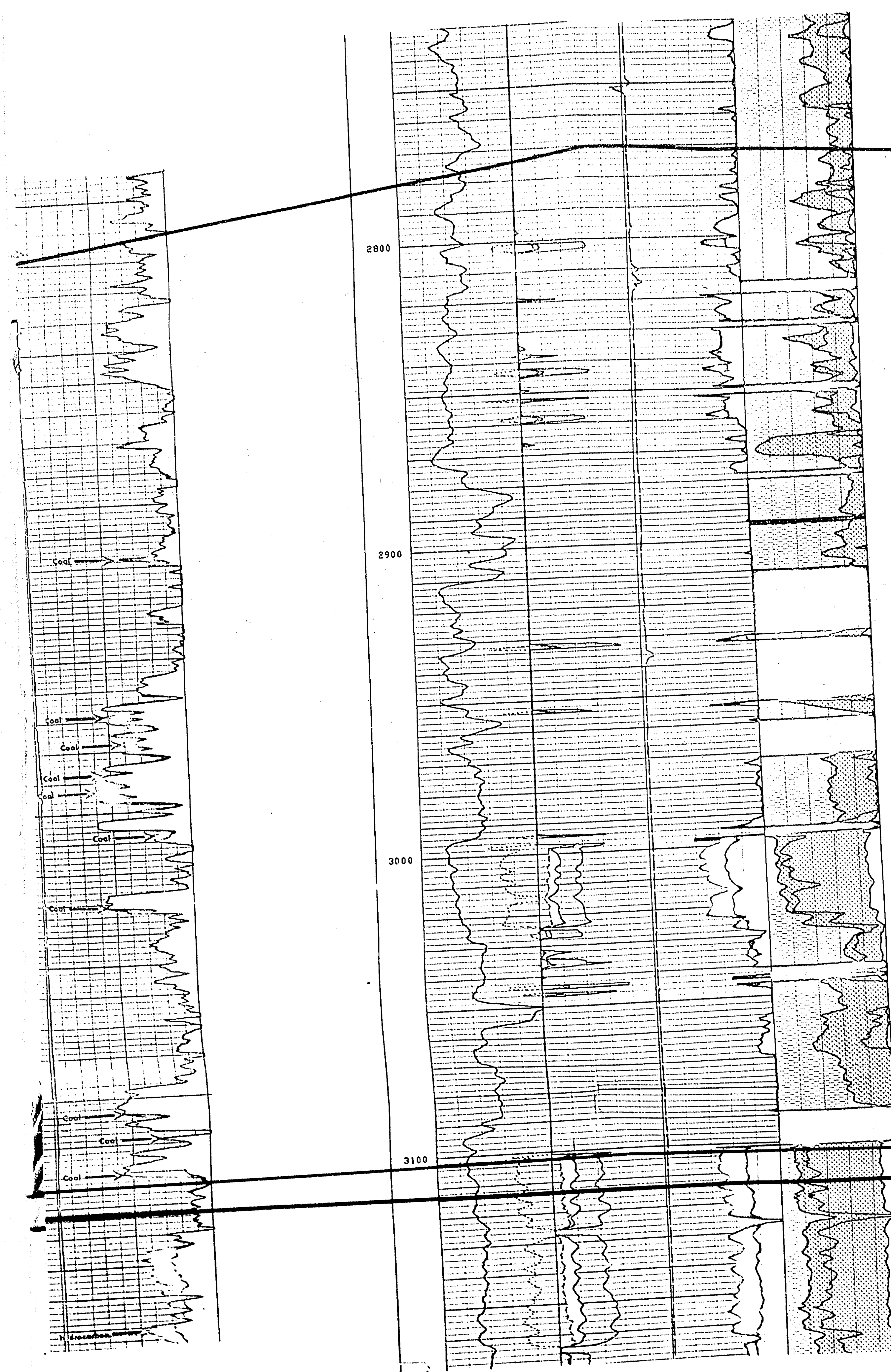
3 A
UNIT E
SEC. 5 - 30 N - 7 W.
ELEV. + 6323 K. B.

17 A
UNIT E
SEC. 9 - 30 N - 7 W.
ELEV. + 6334 K. B.

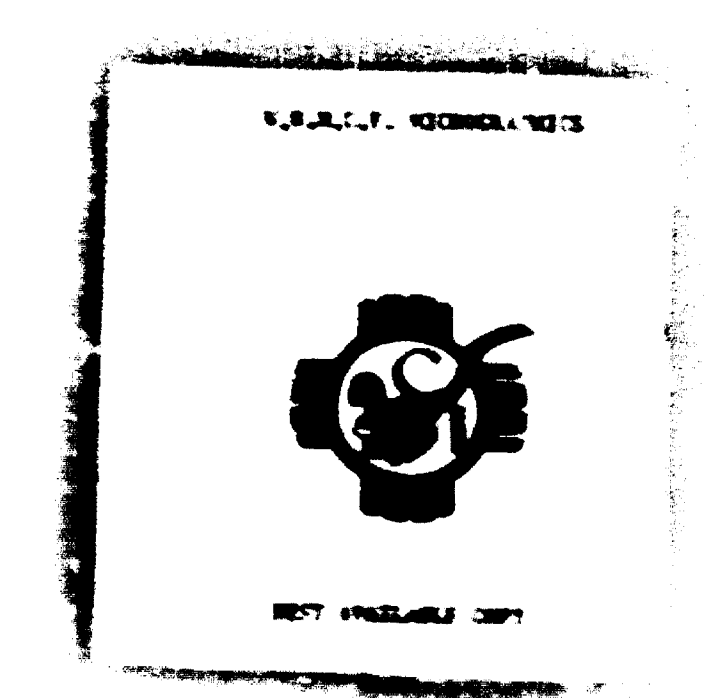
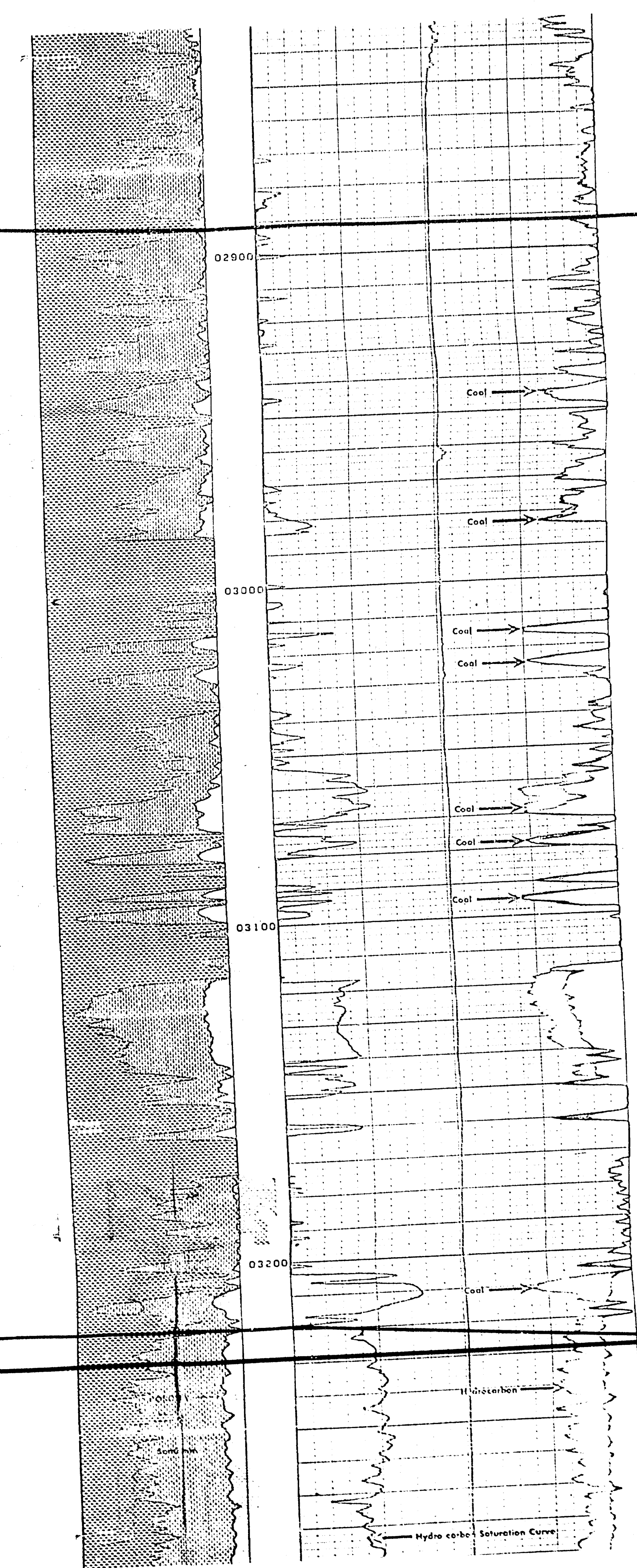
4
UN
SEC. 4
ELEV. +



44 A
UNIT P
SEC. 4 - 30 N - 7 W.
ELEV. +6214 K.B.



16 A
UNIT J
SEC. 3 - 30 N - 7 W.
ELEV. +6328 K.B.

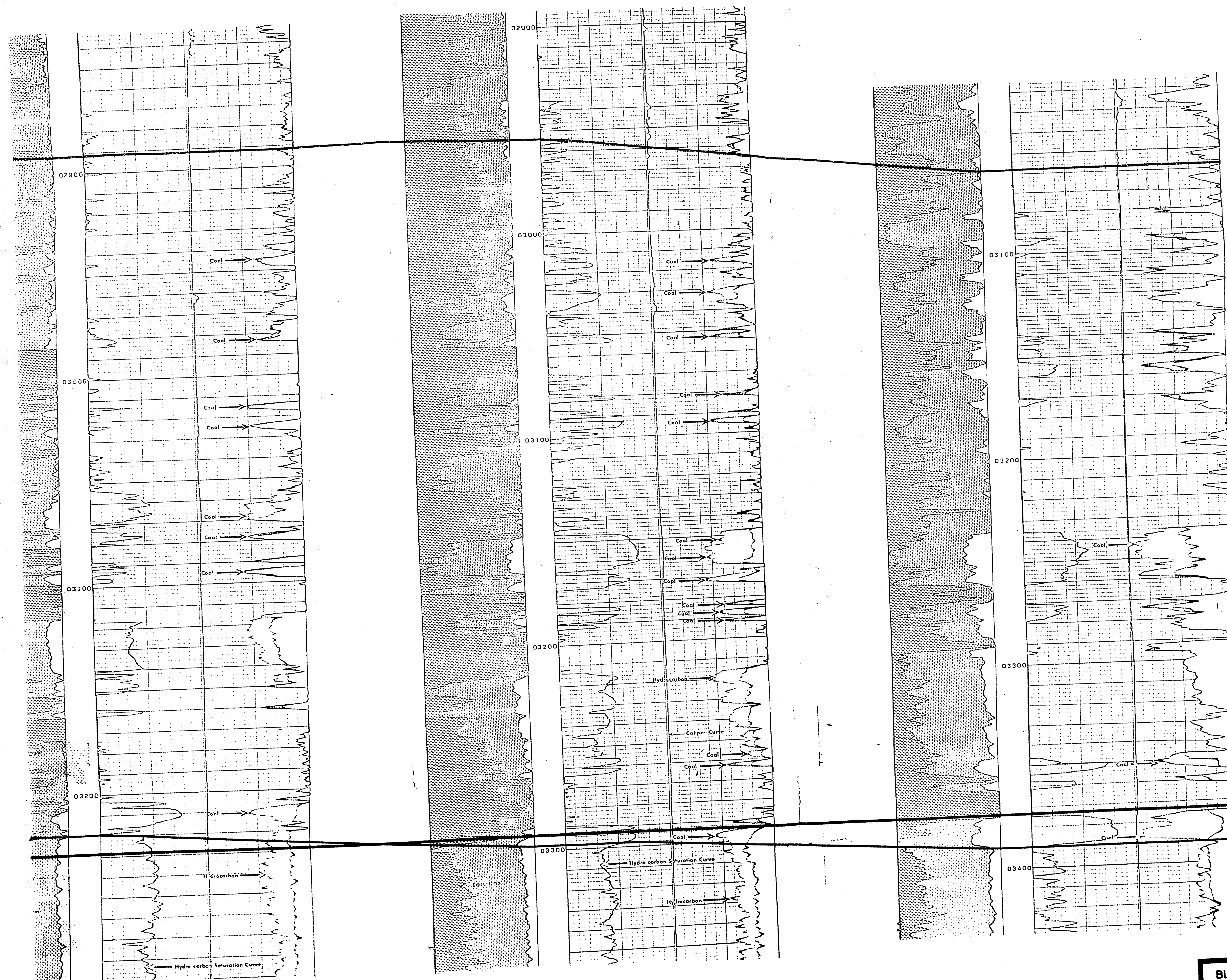


16 A
UNIT J
SEC. 3 - 30 N - 7 W.
ELEV. + 6328 K. B.

14 A
UNIT I
SEC. 2 - 30 N - 7 W.
ELEV. + 6392 K. B.

22 A
UNIT O
SEC. 36 - 31 N - 7 W.
ELEV. + 6472 K. B.

C'



DATUM
+3100

BEFORE EXAMINER STAMPS
OIL CONSERVATION DIVISION
EXHIBIT NO. 19
CASE NO. 7087
Submitted by Blackwood
Hearing Date 12/10/80

BLACKWOOD & NICHOLS CO. LTD.
NORTHEAST BLANCO UNIT
SAN JUAN & RIO ARriba COUNTIES, NEW MEXICO
CROSS SECTION C-C'
FRUITLAND FORMATION
Charles F. Blackwood, Oklahoma City, Okla.

