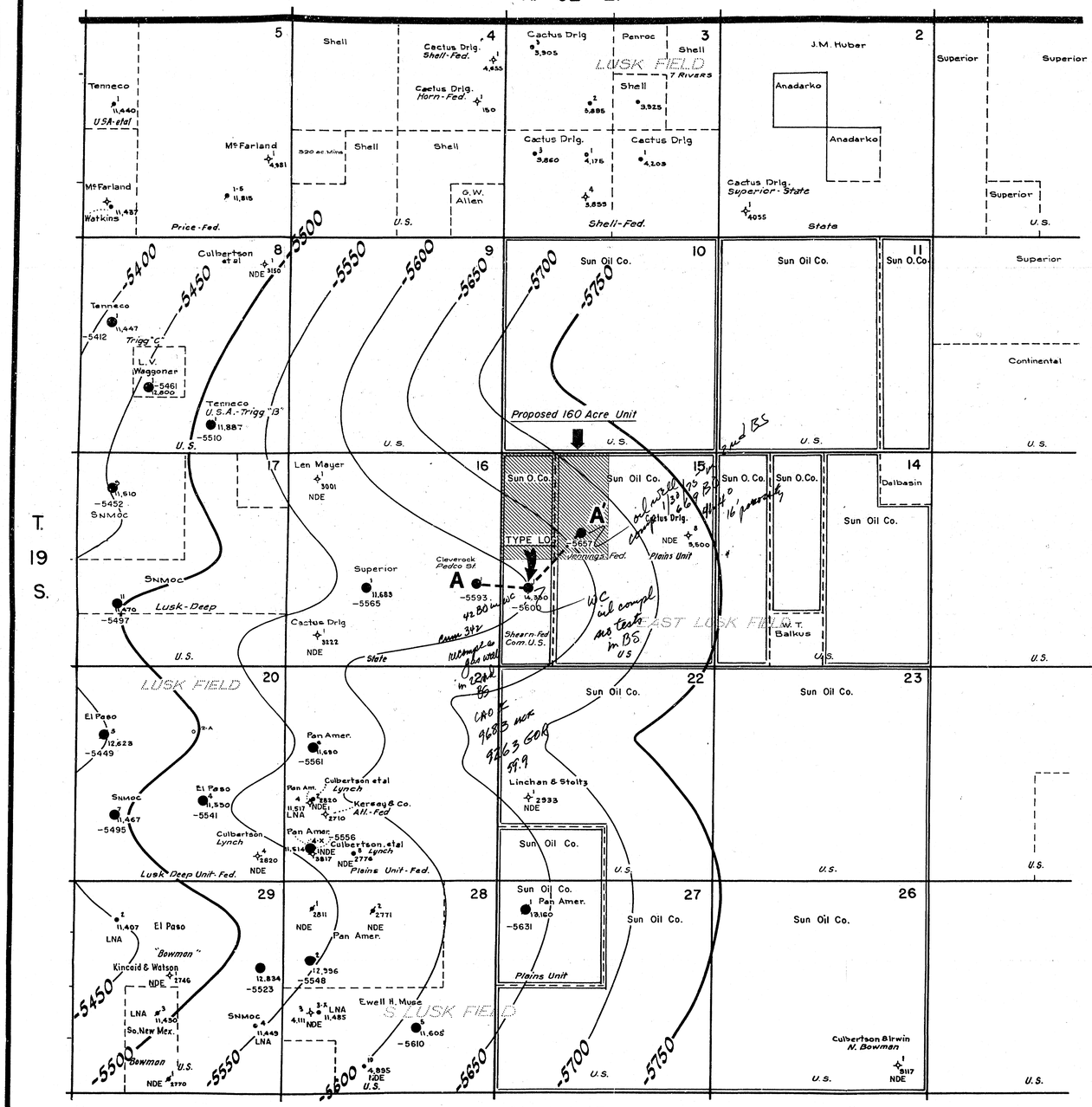
Case No
5443

Large Exhibits

U.S.N.R.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

R.-32-E.

T. 19 S.



R.-32-E.

LEGEND

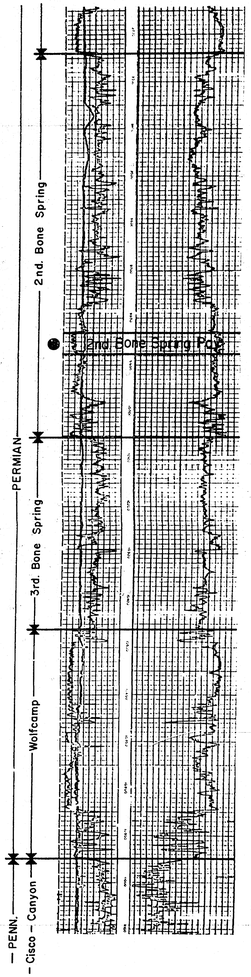
- ● 2nd. Bone Spring Production
- ● 2nd. Bone Spring Penetration

NDE Not Deep Enough
LNA Log Not Available

TYPE LOG

SUN OIL COMPANY

Shearn Federal Comm. No. 1



Case No. 5443
Exhibit No. G-1

SUN OIL COMPANY
DALLAS REGION

EAST LUSK FIELD

COUNTY Lea STATE New Mexico
TYPE Structure DATUM Top Second Bone Spring
CONTOUR INTERVAL 50' SCALE 1"= 1000'
GEOLOGY BY K. W. Larson DATE March, 1975
DRAFTING BY McKinley REVISED BY ____ DATE ____

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
SUN EXHIBIT NO. 1
CASE NO. 5443

V.S.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

A

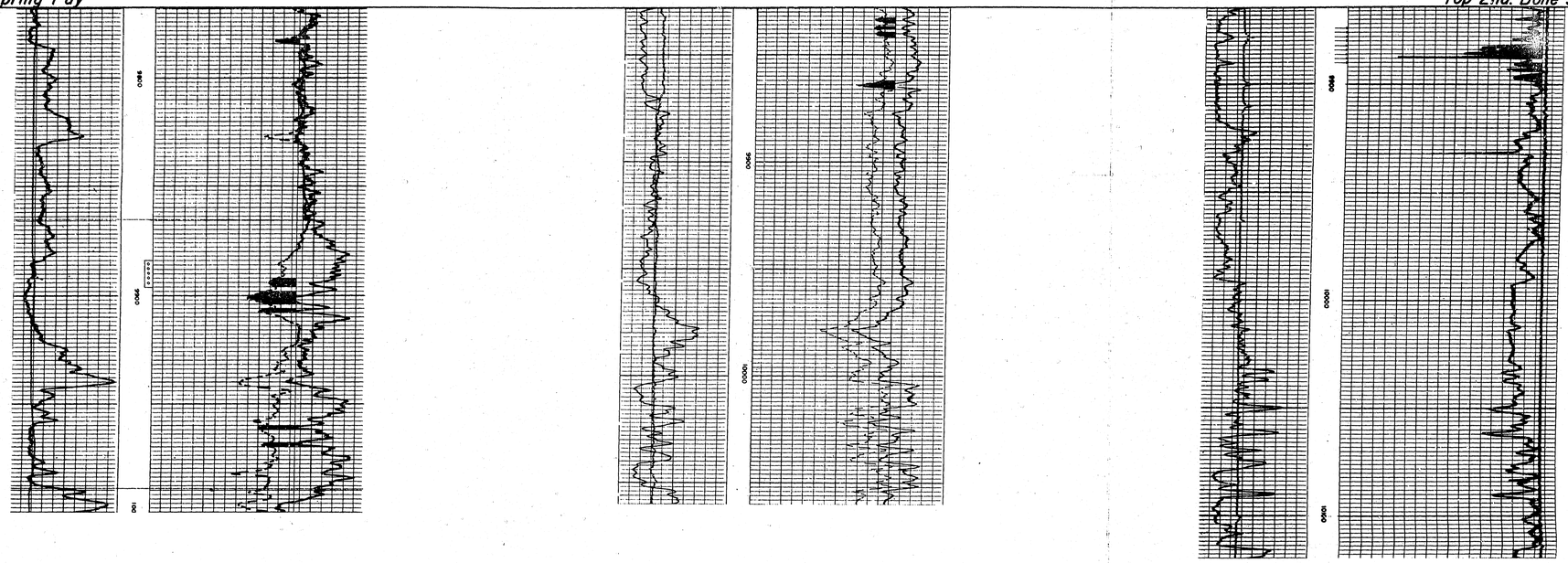
Cleverock Energy Corp.
Cleverock - Pedco State No.1
Elevation 3629 KB.

Sun Oil Company
Shearn Federal Comm. No. 1
Elevation 3638 KB.

Sun Oil Company
Jennings Federal No.1
Elevation 3648 KB.

A'

Top 2nd Bone Spring Pay



18' porosity

8' porosity

16' porosity

±8% porosity cut 85 in one mile

CASE NO. 5443 EXHIBIT NO. G-2

SUN OIL COMPANY
DALLAS REGION

EAST LUSK FIELD

LEA COUNTY, NEW MEXICO

STRATIGRAPHIC CROSS SECTION A-A'

DATUM: TOP 2nd. BONE SPRING PAY

VERTICAL SCALE: 1"= 20' HORIZONTAL SCALE: NONE

K.W. LARSON MARCH 1975

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Sun EXHIBIT NO. 2
CASE NO. 5443

N.M.N.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

R.– 32 – E.

T. 19 S.

LUSK FIELD

EAST LUSK FIELD

S. LUSK FIELD

Lusk-Deep

Lusk-Deep Unit-Fed.

Plains Unit

Plains Unit-Fed.

160 Acre Unit

TYPE LOG

Sun Oil Company

Shearn Federal Comm. No. 1

PERMIAN

2nd. Bone Spring

3rd. Bone Spring

Wolfcamp

PENN.

Cisco – Canyon

LEGEND

- 2nd. Bone Spring Producer
- 2nd. Bone Spring Penetration

NDE Not Deep Enough

LNA Log Not Available

R.– 32 – E.

BEFORE EXAMINER NUT
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1
CASE NO. 5443

Case No. 5443
Exhibit No. 1

SUN OIL COMPANY
DALLAS REGION

EAST LUSK FIELD

COUNTY Lea STATE New Mexico
TYPE Structure DATUM Top Second Bone Spring
CONTOUR INTERVAL 50' SCALE 1"=1000'
GEOLOGY BY K. W. Lorenz DATE April, 1976
DRAFTING BY McKinley REVISED BY TCP DATE

V.R.N.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

A

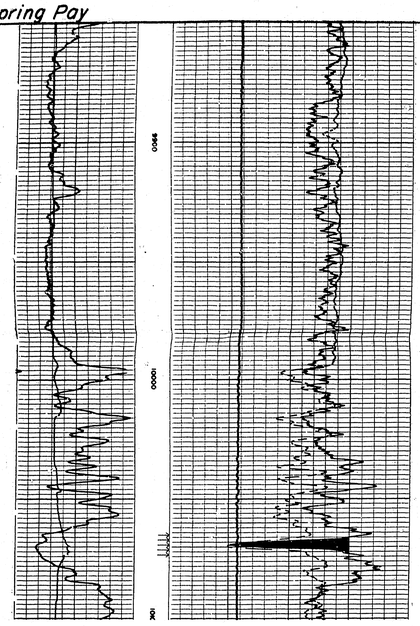
Sun Oil Company
Sloan Federal No.1
Elevation 3633 RDB

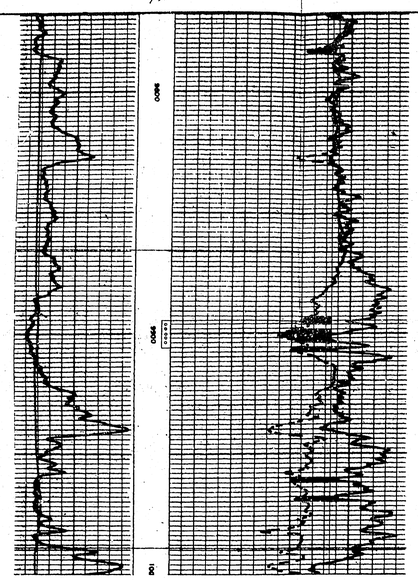
Cleverock Energy Corp.
Cleverock-Pedco State No.1
Elevation 3629 KB.

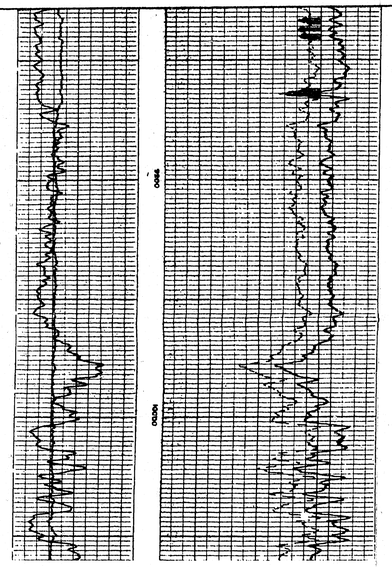
Sun Oil Company
Shearn Federal Comm. No. 1
Elevation 3638 KB.

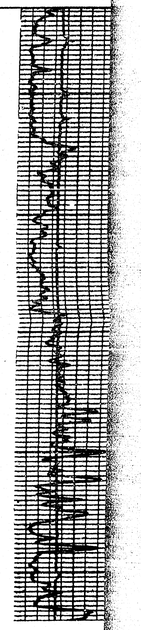
Sun
Jennin
Ele

Top 2nd Bone Spring Pay









CASE N

ST

VERT
K.W.

W.N.M.C.P. MICROGRAPHICS
BEST AVAILABLE COPY

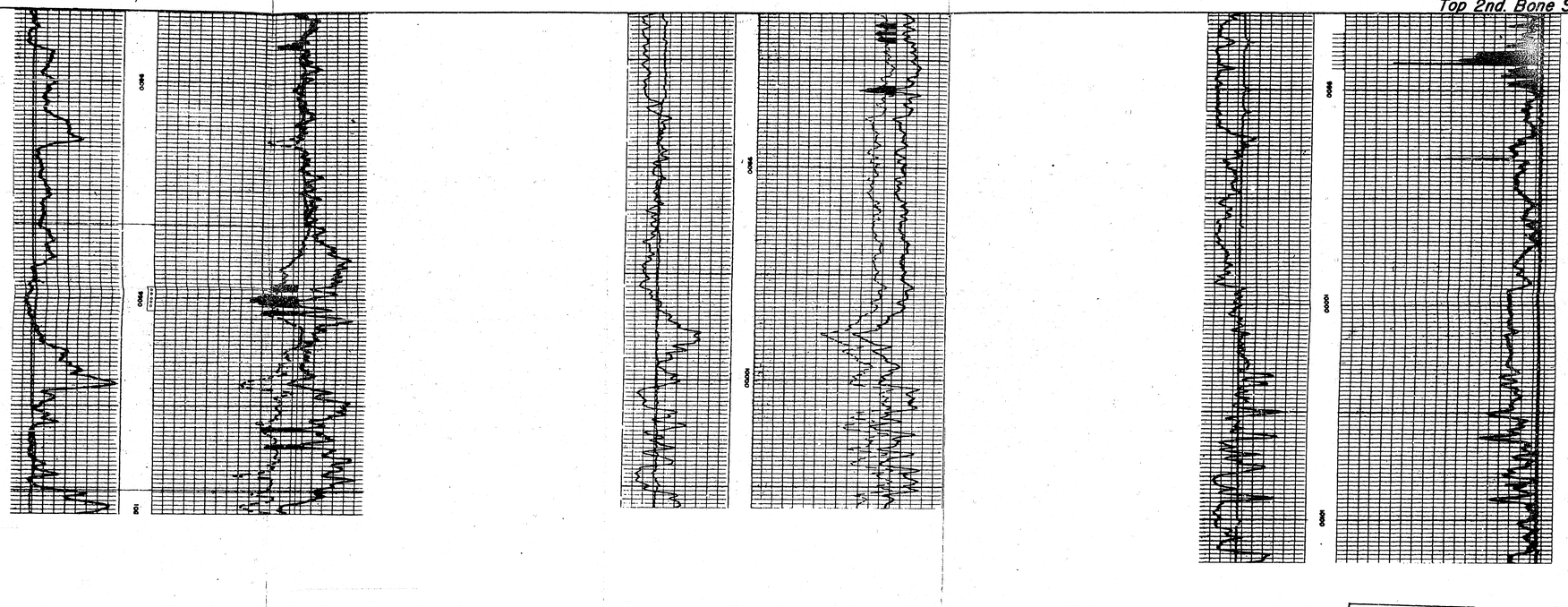
A'

Cleverock Energy Corp.
Cleverock - Pedco State No.1
Elevation 3629 KB.

Sun Oil Company
Shearn Federal Comm. No. 1
Elevation 3638 KB.

Sun Oil Company
Jennings Federal No.1
Elevation 3648 KB.

Top 2nd. Bone Spring Pay



BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Sun EXHIBIT NO. 2
CASE NO. 5443

CASE NO. 5443 EXHIBIT NO. 2

SUN OIL COMPANY
DALLAS REGION

EAST LUSK FIELD

LEA COUNTY, NEW MEXICO

STRATIGRAPHIC CROSS SECTION A-A'

DATUM: TOP 2nd. BONE SPRING PAY

VERTICAL SCALE: 1"= 20' HORIZONTAL SCALE: NONE

K.W. LARSON APRIL 1976

W.R.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY