# Welex

2" = 100'

# COMPENSATED ACOUSTIC VELOCITY LOG

COMPANY UNION OIL CO. OF CALIFORNIA
WELL POPE-TALBOT No. 18-1
FIELD PORT GAMBLE AREA
County KITSAP State WASH.

COMPANY UNION OIL COMPANY OF CALIFORNIA

WELL POPE-TALBOT No. 18-1

FIELD PORT GAMBLE AREA WILDCAT

COUNTY KITSAP STATE WASHINGTON

Location
1670' S. AND 1300' E.
FROM N. QUARTER CORNER
SECTION 18. W.B.M.
Sec. 18 Twp 27N Rge 2E

Other Services:
IEL
G/R-NEUT.
DIP

Permanent Datum G.L. Elev. 190'
Log Measured From R.T., 11.6 Ft. Above Perm. Datum
Drilling Measured From R.T.

Elev.: R.T. 201.6'
D.F. --
G.L. 190'

| | | | | |
|---|---|---|---|---|
| Date | 5-10-72 | | | |
| Run No. | ONE | | | |
| Depth Driller | 4019' | | | |
| Depth Welex | 4035' | | | |
| Btm. Log Inter. | 4019' | | | |
| Top Log Inter. | 1388' | | | |
| Casing Driller | 103/4 @ 1388' | @ | @ | @ |
| Casing Welex | 1391' | | | |
| Bit Size | 8 3/4" | | | |
| Type Fluid in Hole | CLAY BASE MUD | | | |
| Dens. \| Visc. | 74 \| 45 | \| | \| | \| |
| pH \| Fluid Loss | N.A. \| N.A. ml | \| ml | \| ml | \| ml |
| Source of Sample | CIRCULATED | | | |
| $R_m$ @ Meas.Temp. | 1.54 @ 68°F | @ °F | @ °F | @ °F |
| $R_{mf}$ @ Meas.Temp. | 1.12 @ 64°F | @ °F | @ °F | @ °F |
| $R_{mc}$ @ Meas.Temp. | 1.51 @ 64°F | @ °F | @ °F | @ °F |
| Source $R_{mf}$ $R_{mc}$ | MEAS \| MEAS | \| | \| | \| |
| $R_m$ @ BHT | 1.10 @ 107°F | @ °F | @ °F | @ °F |
| Time Since Circ. | 8 HOURS | | | |
| Max. Rec. Temp. | 107°F @ BHT | °F @ | °F @ | °F @ |
| Equip. \| Location | 8586 \| WDLND | \| | \| | \| |
| Recorded By | MR. SCHOFIELD | | | |
| Witnessed By | MR. ELLISON | | | |

Fold Here

Service Ticket No. 62580 Remarks:

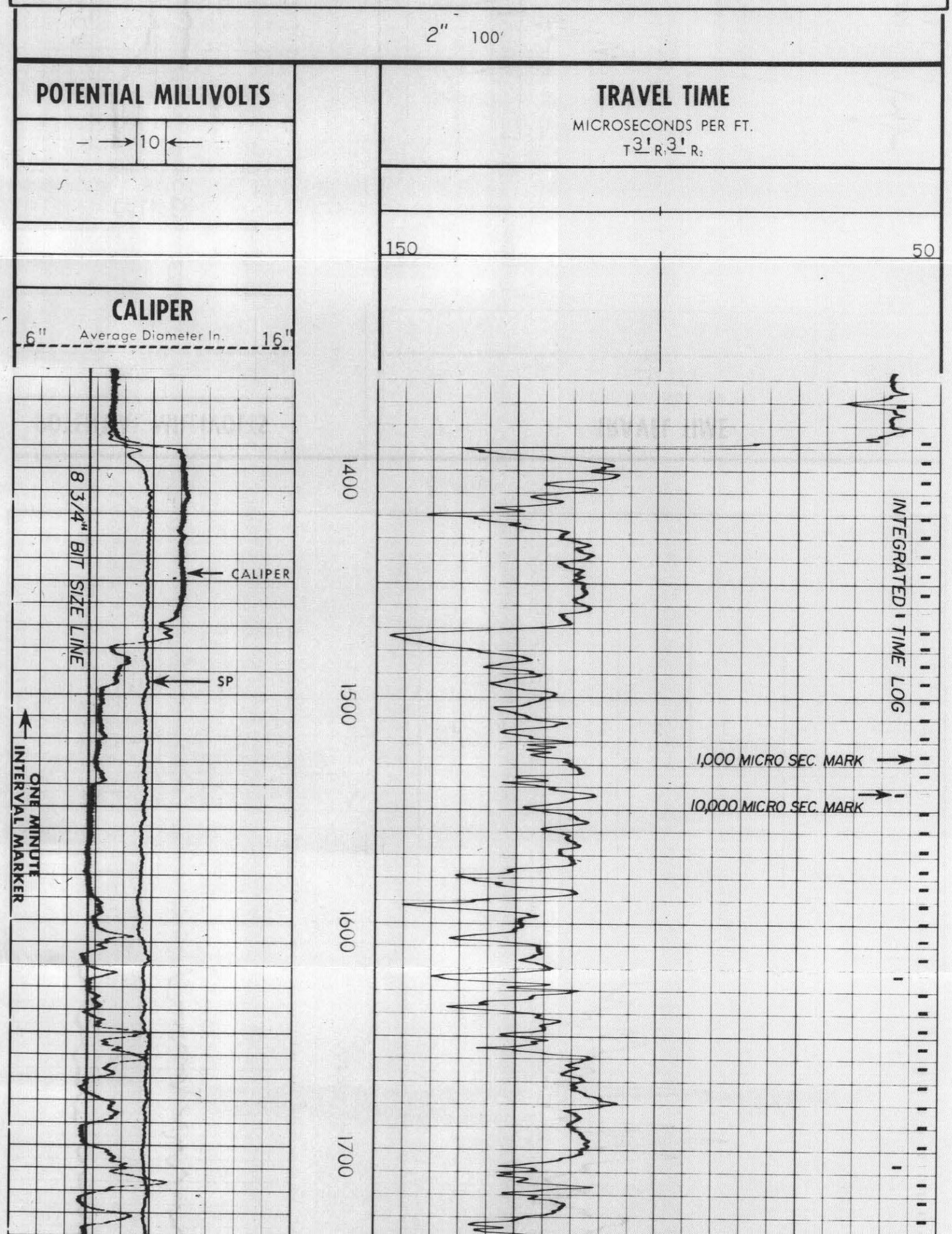
SCALE CHANGES

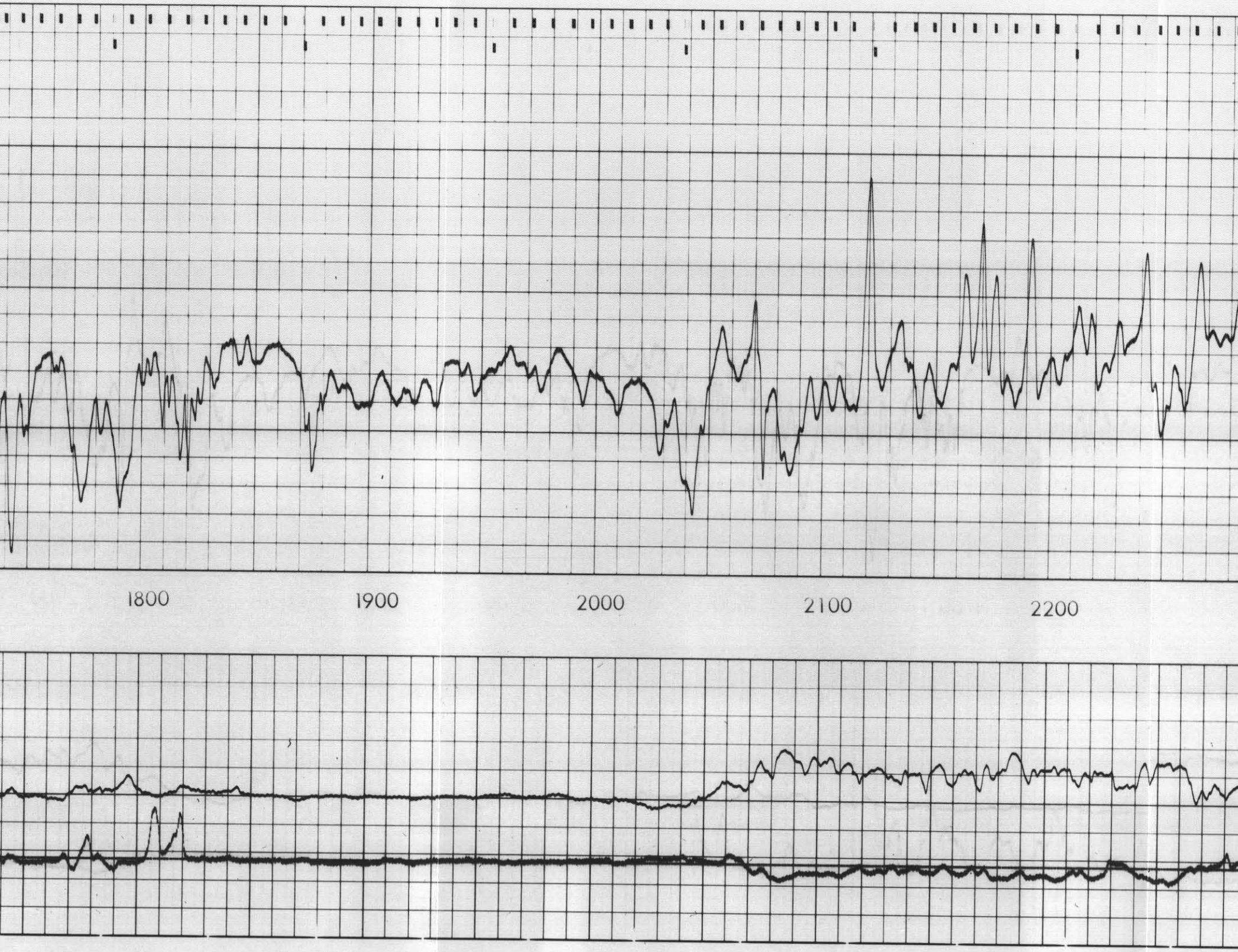
| Change in Mud Type or Additional Samples | | | Type Log | Depth | Scale Up Hole | Scale Down Hole |
|---|---|---|---|---|---|---|
| Date | Sample No. | | | | | |
| Depth—Driller | | | | | | |
| Type Fluid in Hole | | | | | | |
| Dens. | Visc. | | | | | |
| ph | Fluid Loss | ml | | | | |
| Source of Sample | | | | | | |
| $R_m$ @ Meas.Temp. | @ °F | @ °F | | | | |
| $R_{mf}$ @ Meas.Temp. | @ °F | @ °F | | | | |
| $R_{mc}$ @ Meas.Temp. | @ °F | @ °F | | | | |
| Source: $R_{mf}$ | $R_{mc}$ | | | | | |
| $R_m$ @ BHT | @ °F | @ °F | | | | |
| $R_{mf}$ BHT | @ °F | @ °F | | | | |
| $R_{mc}$ BHT | @ °F | @ °F | | | | |

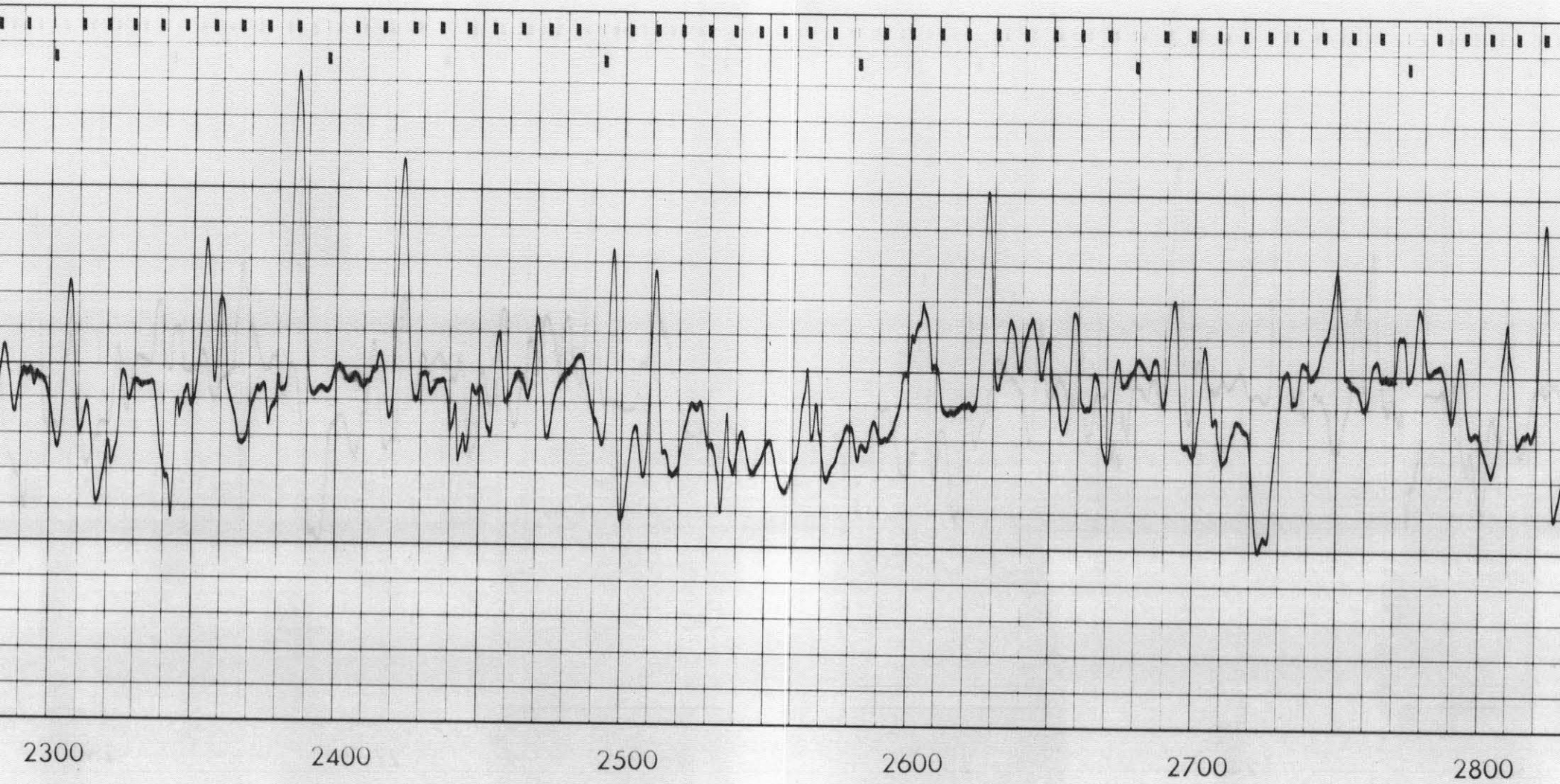
EQUIPMENT DATA

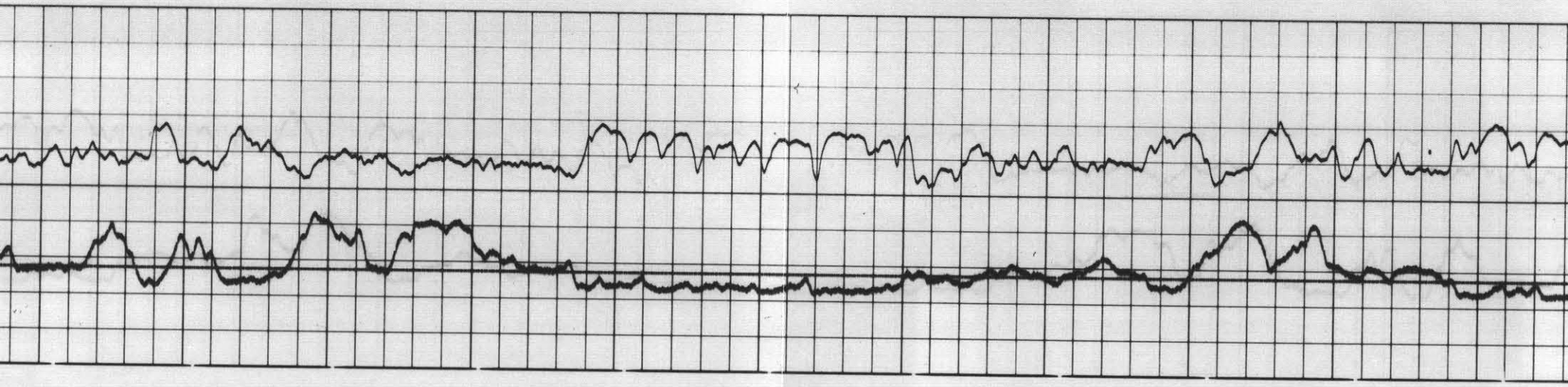
| Run No. | Tool Type and No. | Pad Type | Tool Position | Other |
|---|---|---|---|---|
| ONE | AVL 15062 | B.S. | CENT. | T-M-B |

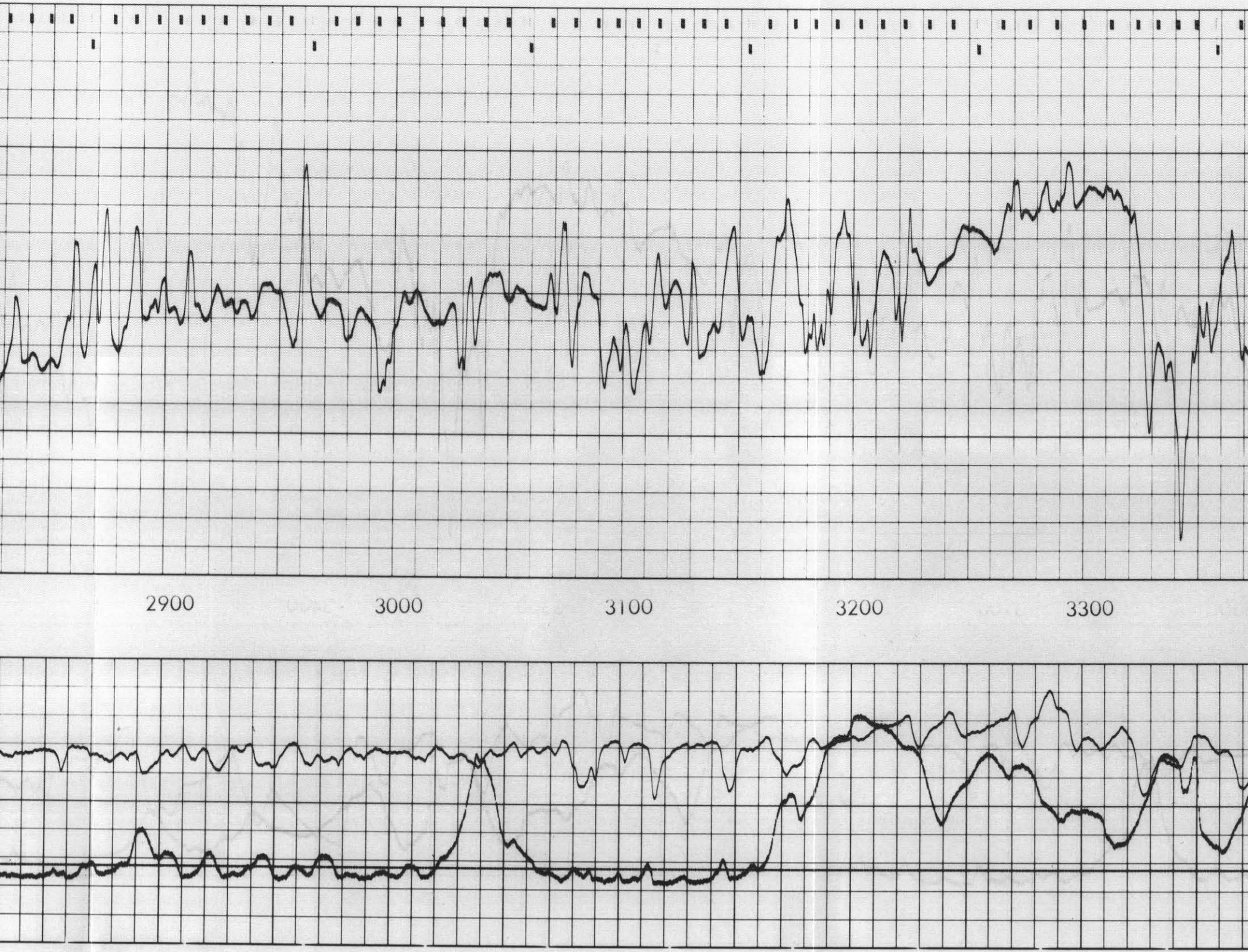
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible, except where due to gross negligence or wilful misconduct, for any loss, damages, or expenses resulting from the use thereof.

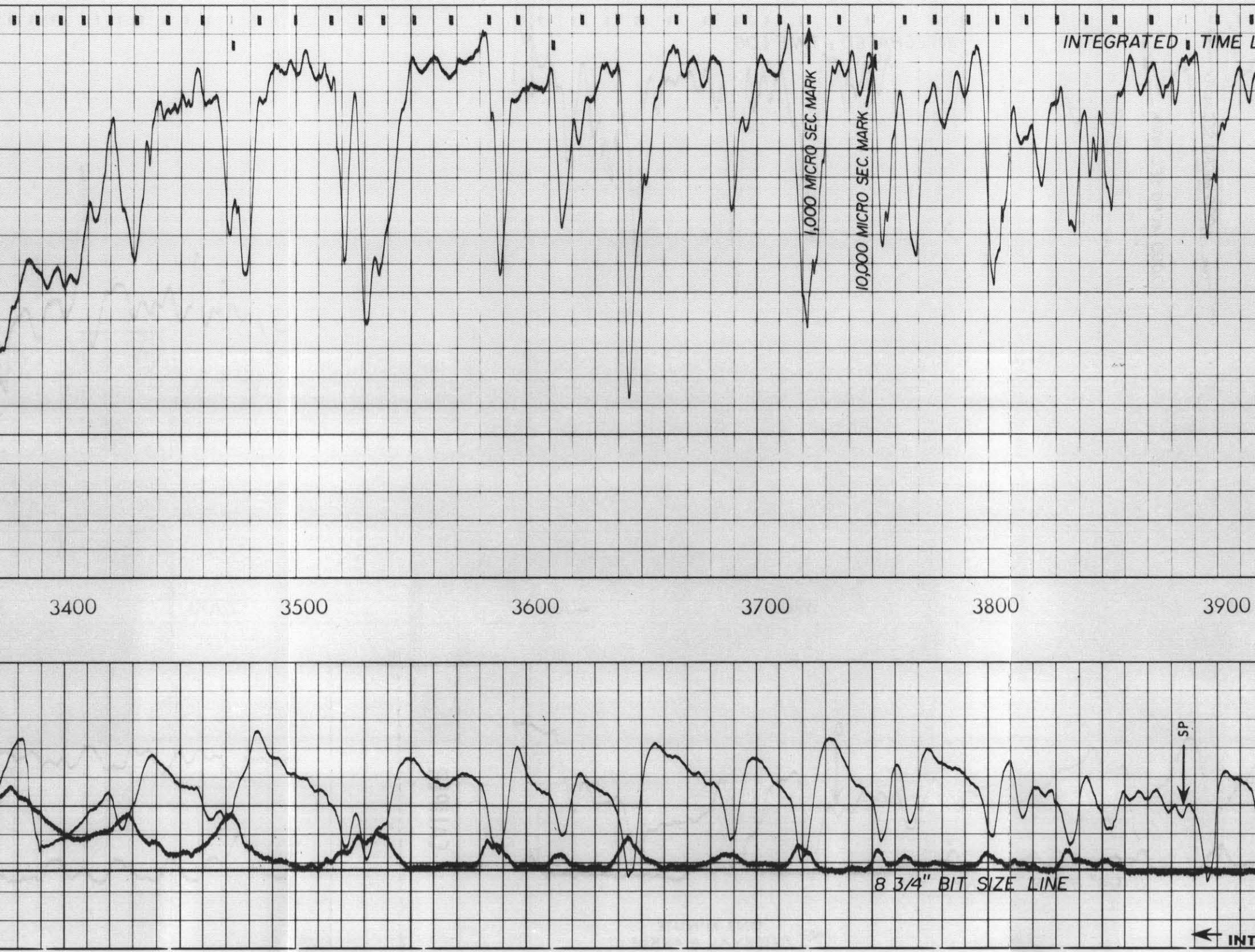

2" 100'
POTENTIAL MILLIVOLTS
10
CALIPER
6" Average Diameter In. 16"
TRAVEL TIME
MICROSECONDS PER FT.
T 3' R1 3' R2
150
50
1400
1500
1600
1700
8 3/4" BIT SIZE LINE
CALIPER
SP
ONE MINUTE INTERVAL MARKER
INTEGRATED TIME LOG
1,000 MICRO SEC. MARK
10,000 MICRO SEC. MARK

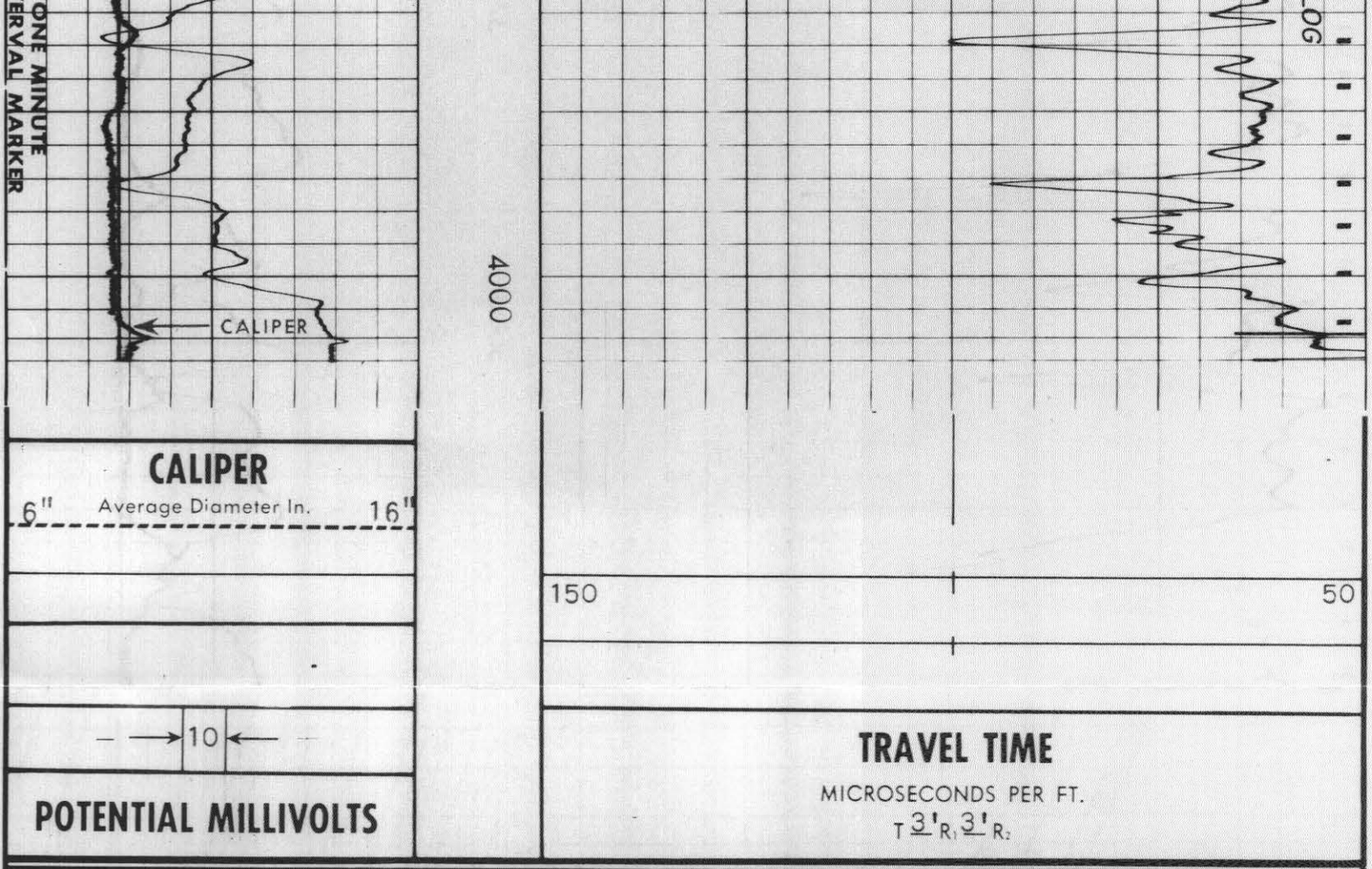

1800
1900
2000
2100
2200


2300
2400
2500
2600
2700
2800




2900
3000
3100
3200
3300

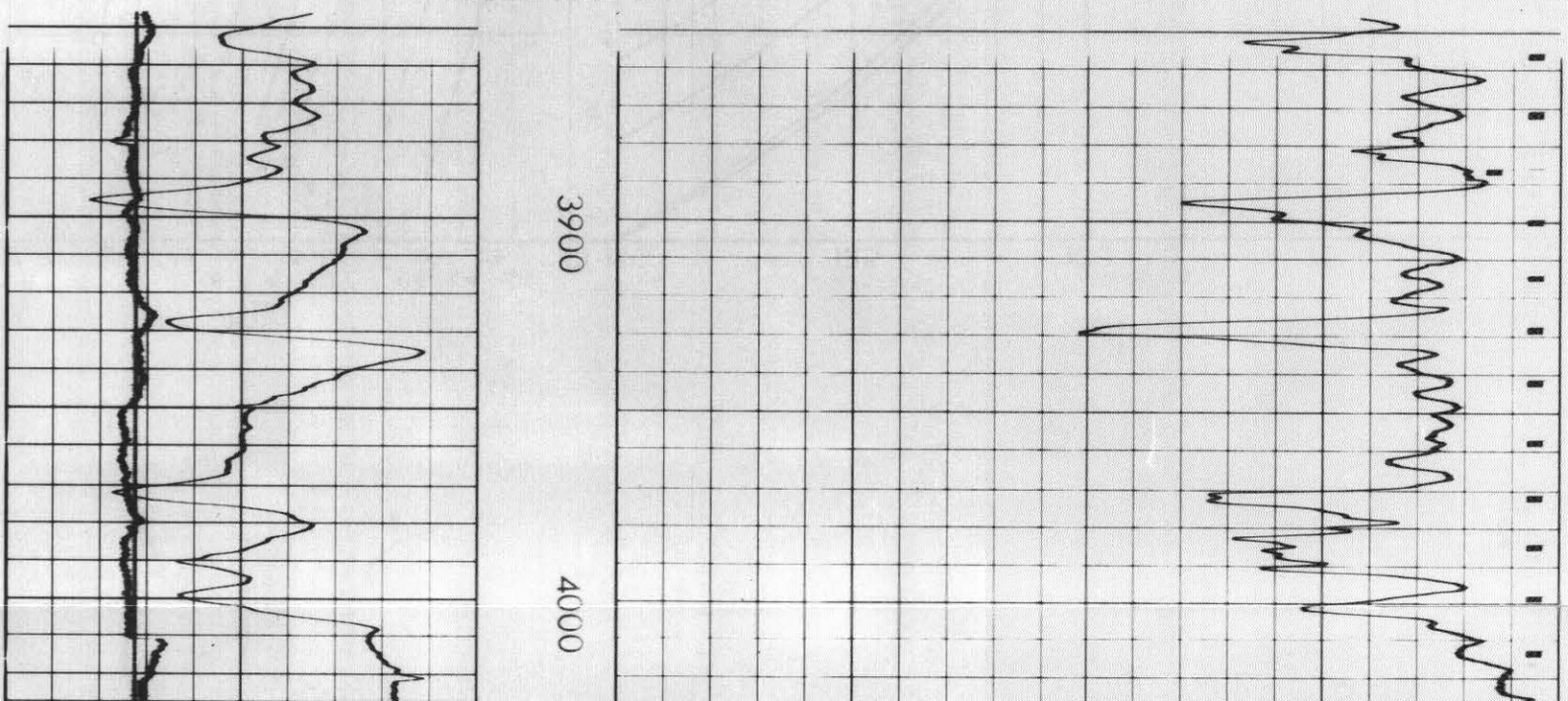

INTEGRATED TIME L
1,000 MICRO SEC. MARK
10,000 MICRO SEC. MARK
3400
3500
3600
3700
3800
3900
SP
8 3/4" BIT SIZE LINE
INT

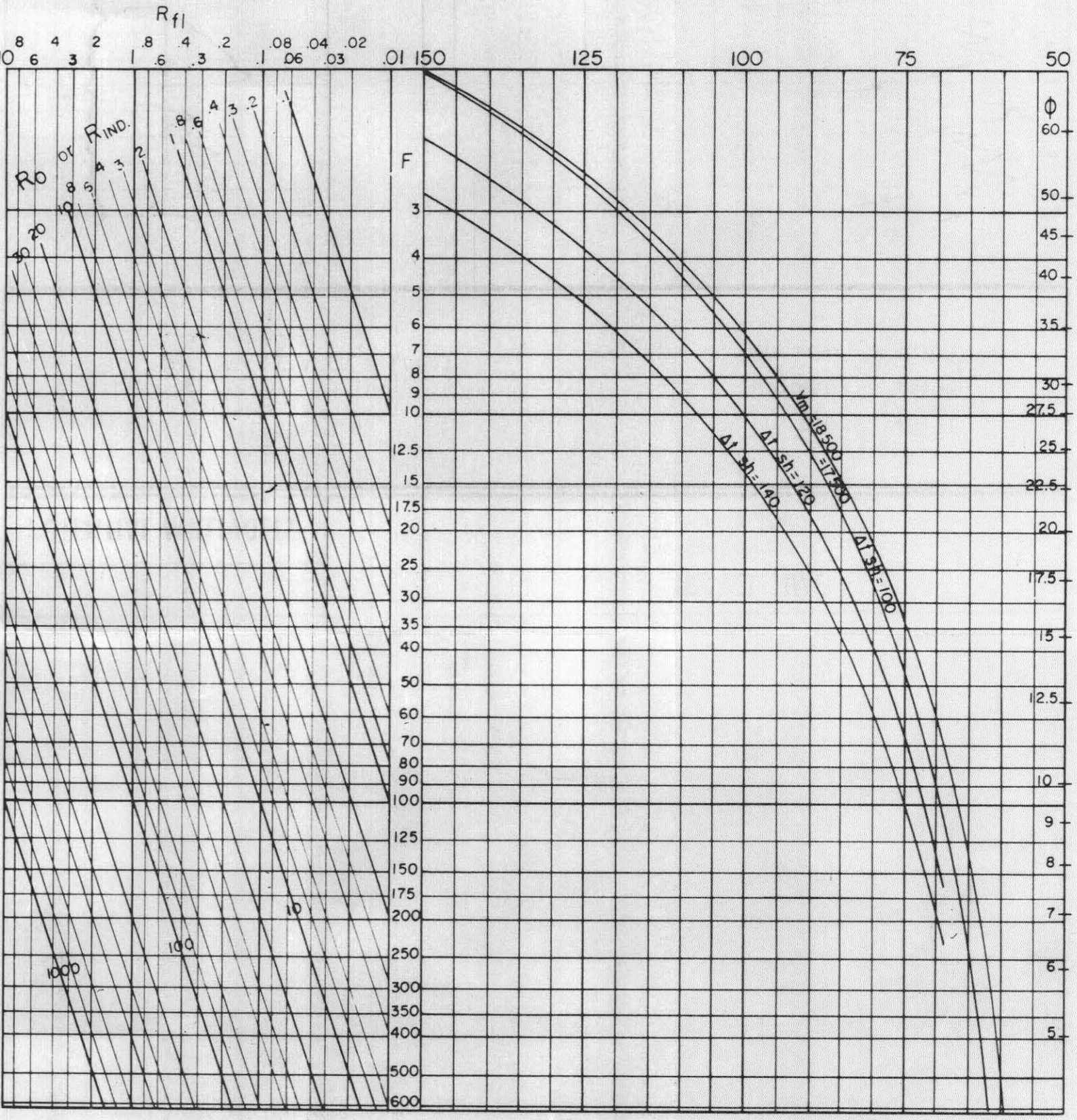



UNION OIL COMPANY
OF CALIFORNIA
POPE-TALBOT No. 18-1
PORT GAMBLE AREA WILDCAT
KITSAP, WASHINGTON

| | |
|---|---|
| T.D. LOGGED | 4019' |
| T.D. DRILLER | 4019' |
| T.D. WELEX | 4025' |

REPEAT SECTION



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