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SEP 20 1980

DEPT OF GEOLOGY & MINERAL IND.

**Welex**

5"=100'

# COMPENSATED ACOUSTIC VELOCITY LOG

COMPANY REICHHOLD ENERGY CORPORATION

WELL LONGVIEW FIBER NO.24-12

FIELD MIST NEHALEM BASIN

County COLUMBIA State OR.

COMPANY REICHHOLD ENERGY CORPORATION

WELL LONGVIEW FIBER NO.24-12

FIELD MIST NEHALEM BASIN

COUNTY COLUMBIA STATE OREGON

Location
987' NORTH & 759' WEST FROM THE
SOUTH 1/4 CORNER OF:

Sec. 12 Twp 6N Rge 5W

Other Services:
DIG
DIP

Permanent Datum G.L. Elev. 629.69

Log Measured From K.B. OR 10.5 Ft. Above Perm. Datum

Drilling Measured From K.B.

Elev.: K.B. 640.19
D.F.
G.L. 629.69

| | | | | |
|---|---|---|---|---|
| Date | 8-16-80 | | | |
| Run No. | ONE | | | |
| Depth—Driller | 2839 | | | |
| Depth—Welex | 2838 | | | |
| Btm. Log Inter. | 2832 | | | |
| Top Log Inter. | 404 | | | |
| Casing—Driller | 7 @ 404 | @ | @ | @ |
| Casing—Welex | 404 | | | |
| Bit Size | 6 1/4 | | | |
| Type Fluid in Hole | LIGNOSULF. | | | |
| Dens. \| Visc. | 75 \| 138-42 | \| | \| | \| |
| pH \| Fluid Loss | 9.7 \| 15.2 ml | \| ml | \| ml | \| ml |
| Source of Sample | CIRCULATED | | | |
| $R_m$ @ Meas. Temp. | 1.45 @ 67 °F | @ °F | @ °F | @ °F |
| $R_{mf}$ @ Meas. Temp. | 1.20 @ 76 °F | @ °F | @ °F | @ °F |
| $R_{mc}$ @ Meas. Temp. | 1.70 @ 78 °F | @ °F | @ °F | @ °F |
| Source $R_{mf}$ $R_{mc}$ | MEASURED | \| | \| | \| |
| $R_m$ @ BHT | 0.92 @105 °F | @ °F | @ °F | @ °F |
| Time Since Circ. | 1 1/2 HRS. | | | |
| Max. Rec. Temp. | 105 °F @BHT. | °F @ | °F @ | °F @ |
| Equip. \| Location | 2876 \| WOODLAND | \| | \| | \| |
| Recorded By | J. PARMELEE | | | |
| Witnessed By | W. BRUER | | | |

Fold Here

Service Ticket No 055078 Remarks:

Change in Mud Type or Additional Samples

| | | |
|---|---|---|
| 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 | 0.92 @105 °F | @ °F |
| $R_{mf}$ BHT | 0.87 @105 °F | @ °F |
| $R_{mc}$ BHT | 1.26 @105 °F | @ °F |

SCALE CHANGES

| Type Log | Depth | Scale Up Hole | Scale Down Hole |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

EQUIPMENT DATA

| Run No. | Tool Type and No. | Pad Type | Tool Position | Other |
|---|---|---|---|---|
| ONE | AVL 24A | | CENT. | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

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.

5" = 100'

## POTENTIAL MILLIVOLTS

— → 10 ← +

## CALIPER

Average Diameter Inches

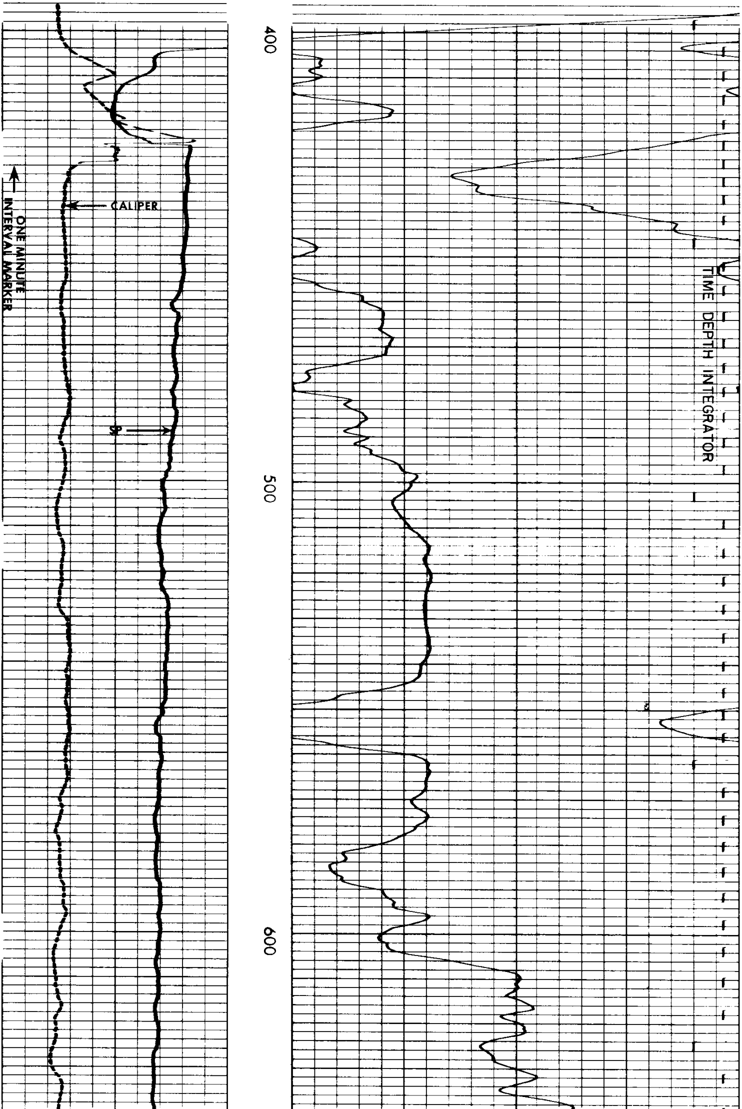
4 14

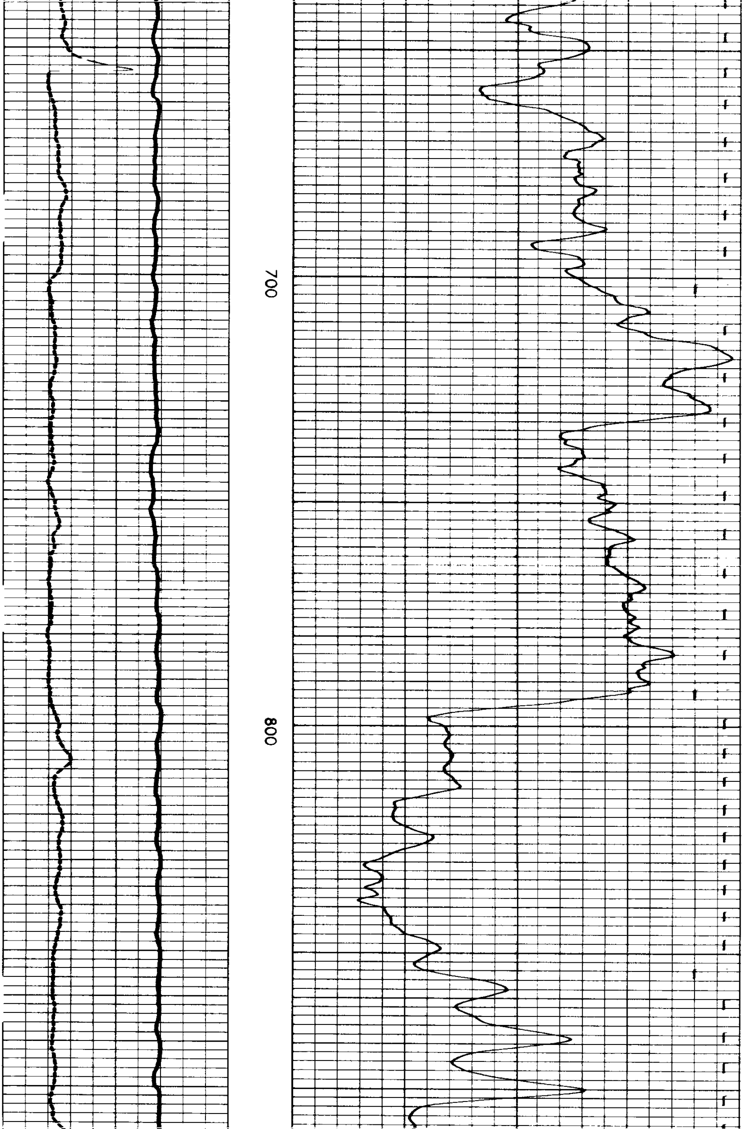
## TRAVEL TIME

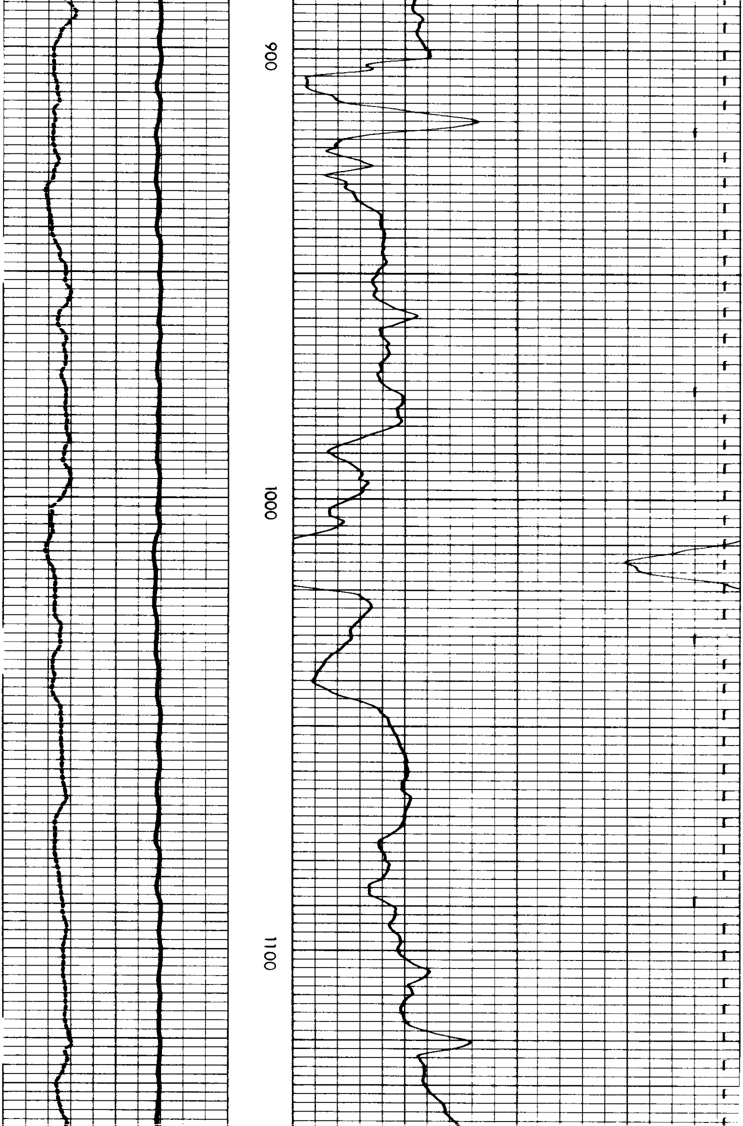
MICROSECONDS PER FT.

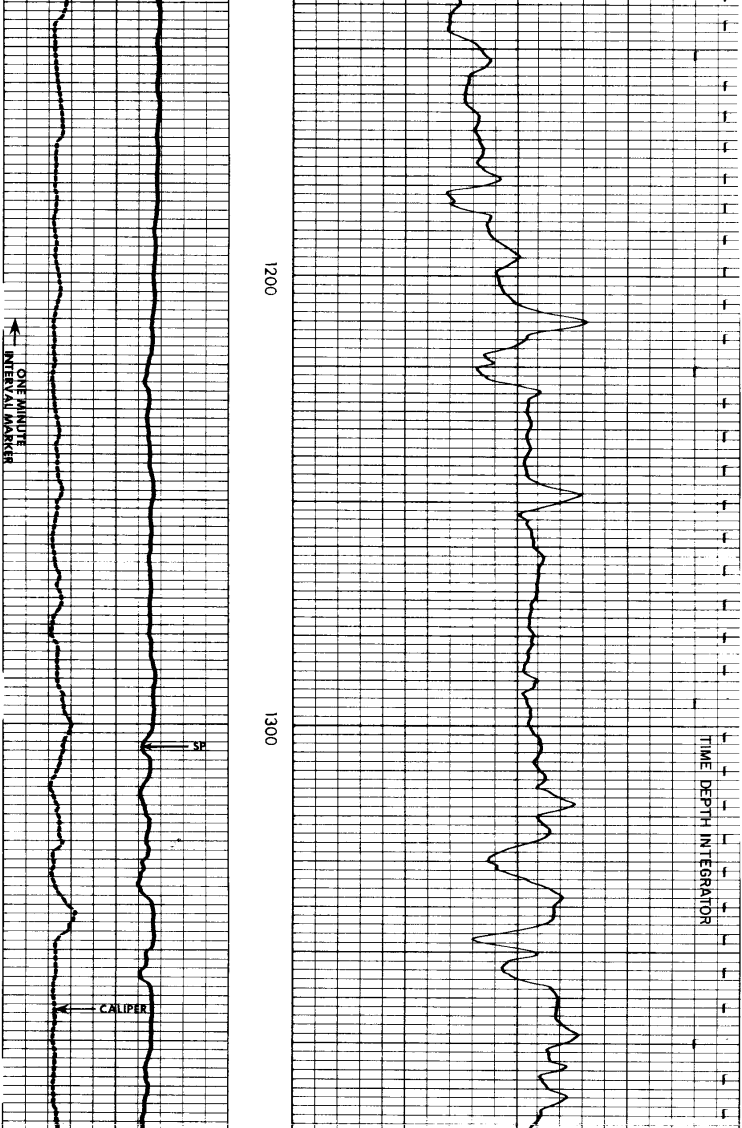
$T \underline{3'} R_1 \underline{3'} R_2$

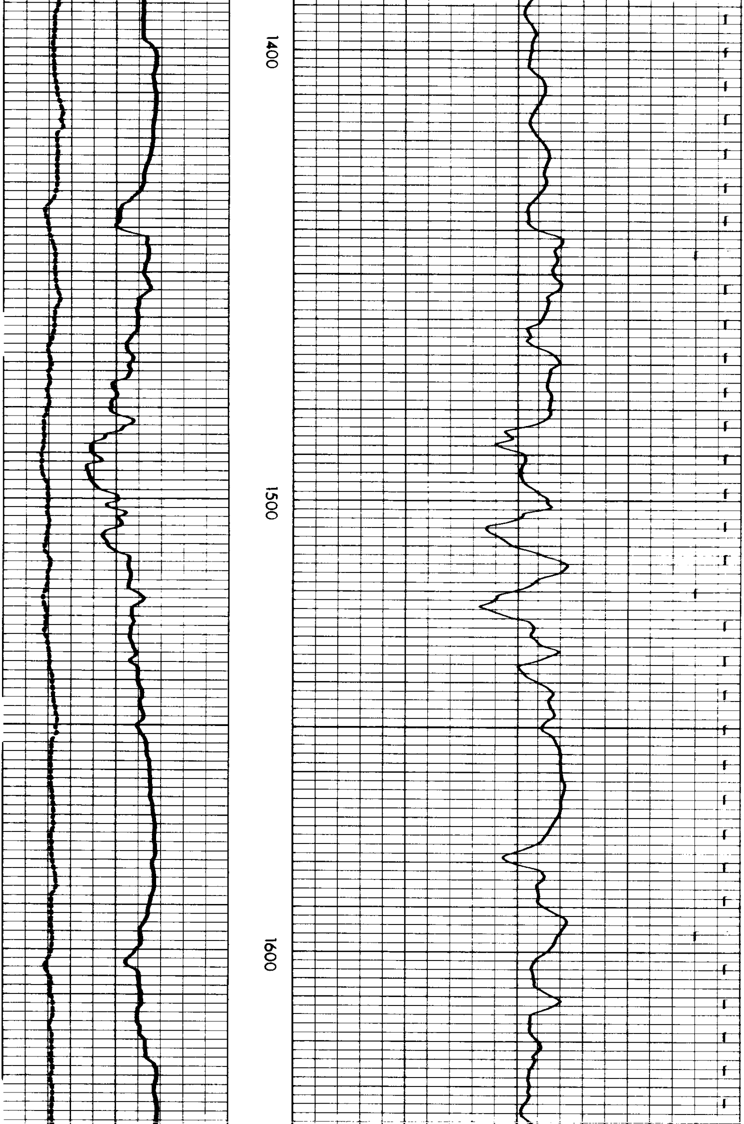
| | | |
|---|---|---|
| 170 | 120 | 70 |
| 270 | 220 | 170 |

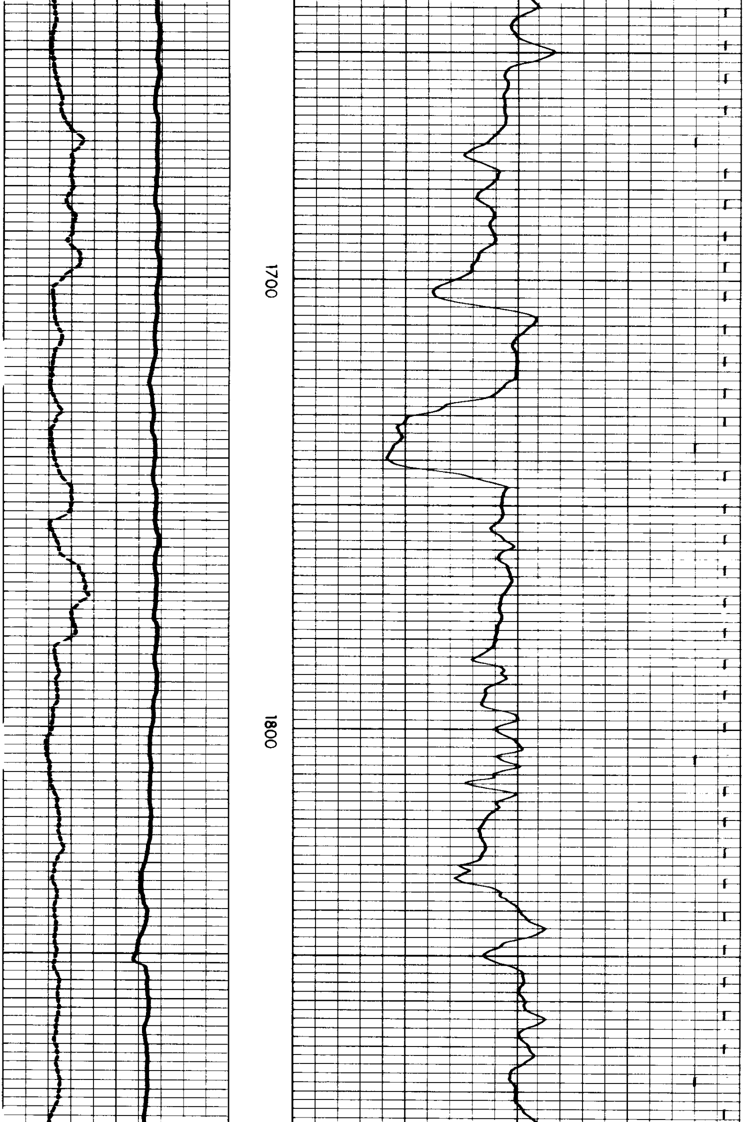


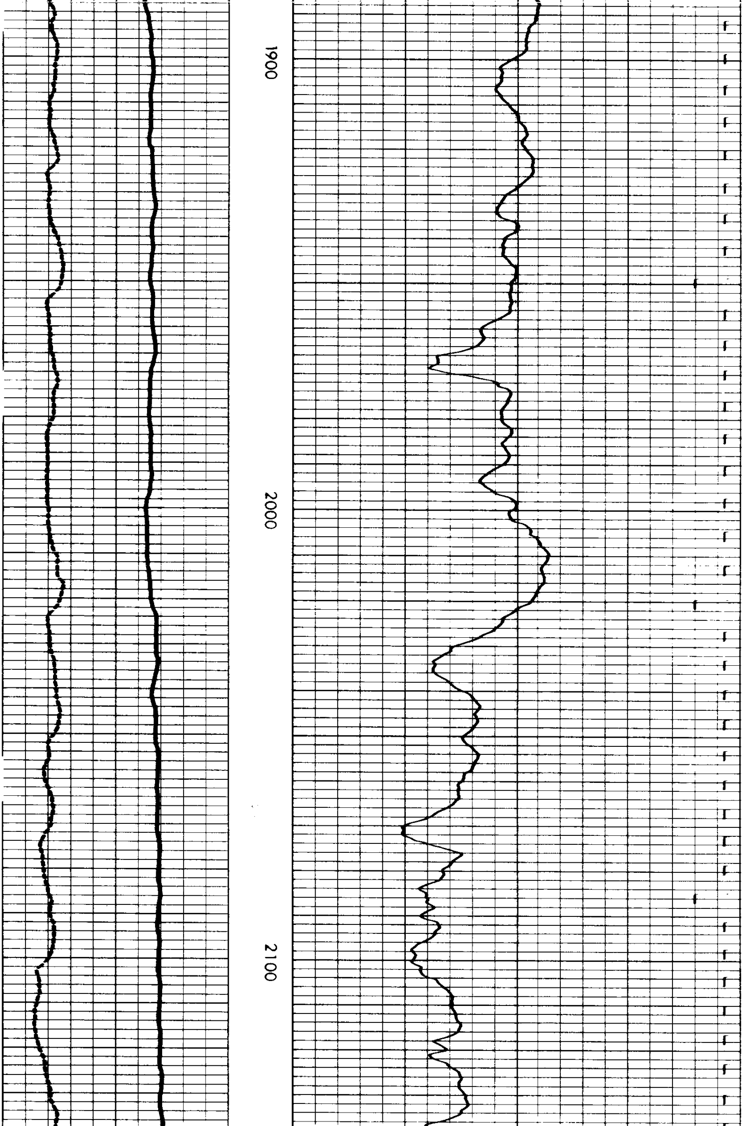


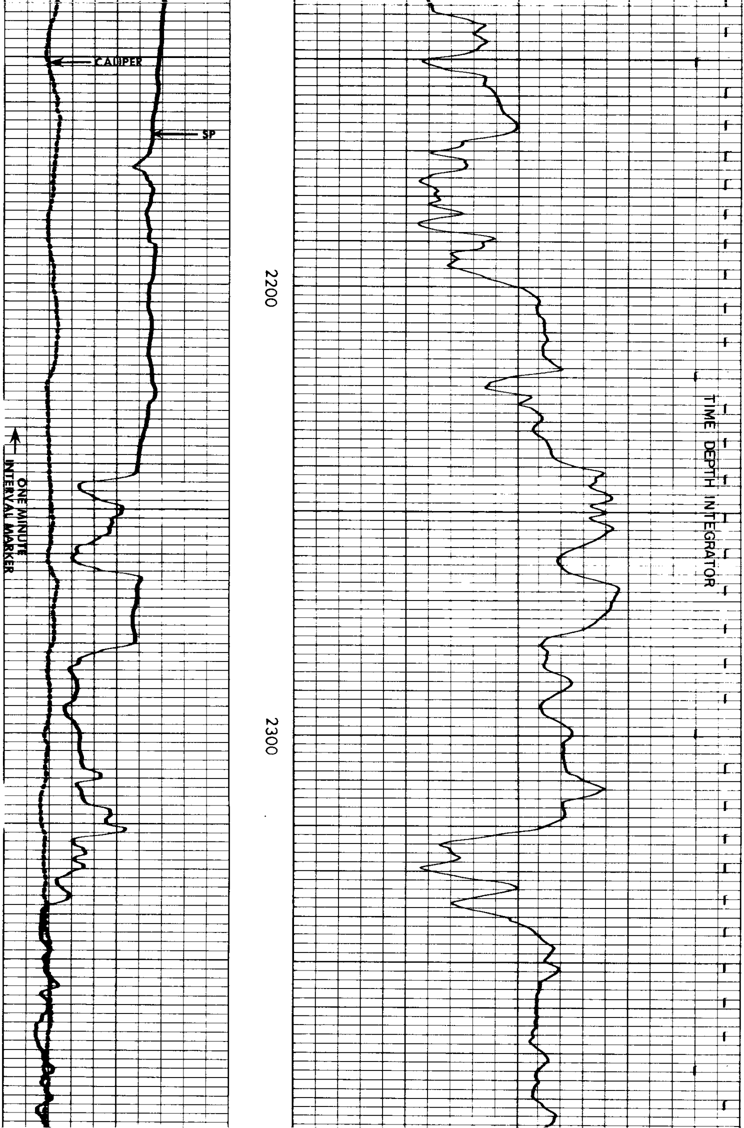


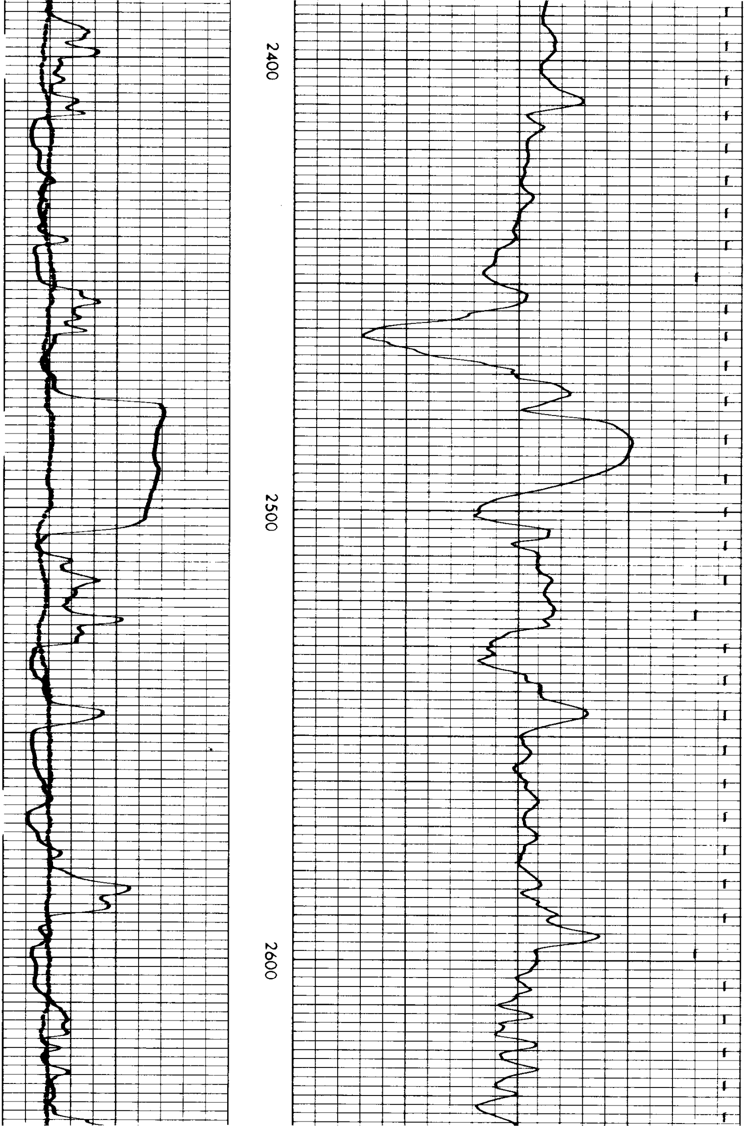


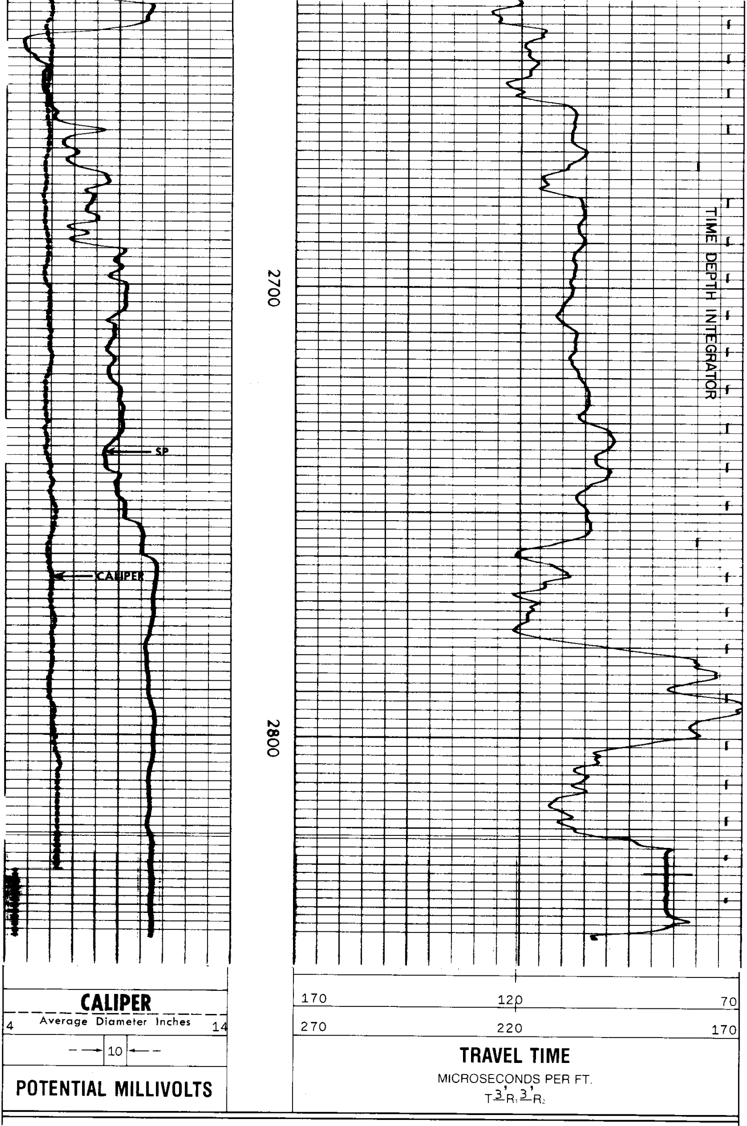






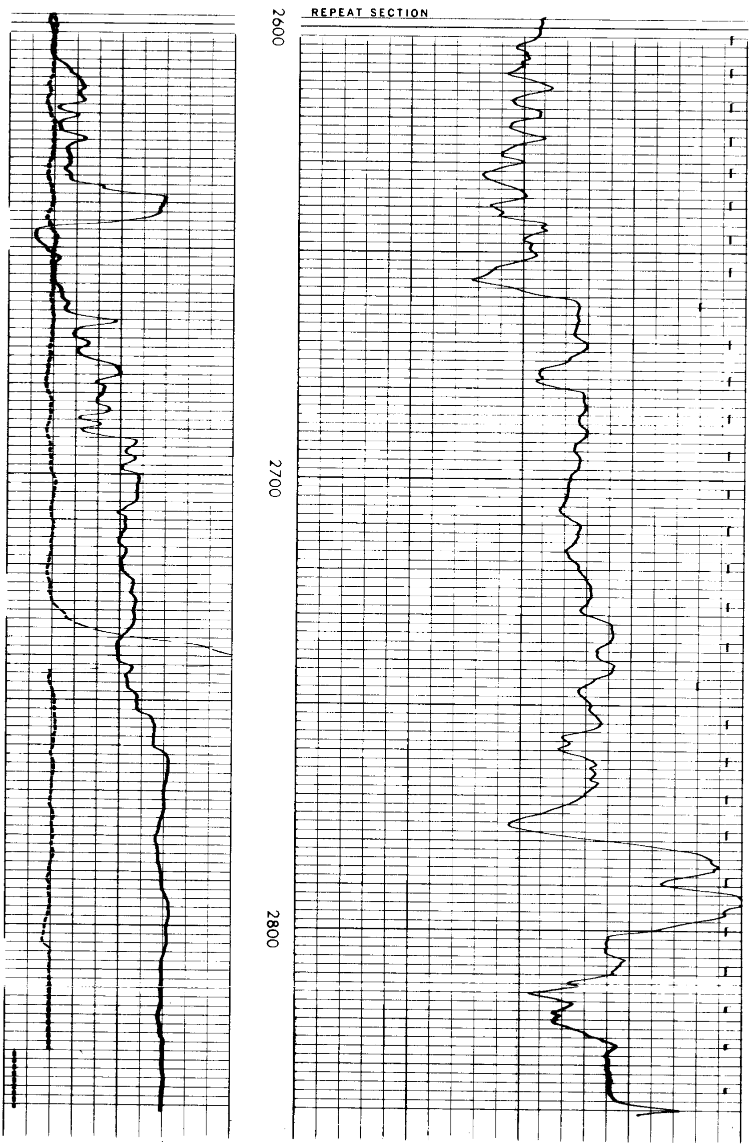






REICHHOLD ENERGY CORPORATION
LONGVIEW FIBER NO.24-12
MIST NEHALEM BASIN
COLUMBIA COUNTY, OREGON

| | |
|---|---|
| T.D. LOGGED | 2832 |
| T.D. DRILLER | 2839 |
| T.D. WELEX | 2838 |

ELEV: KB 640.19 GL 629.69