Welex
5"=100'

# COMPENSATED ACOUSTIC LOG

COMPANY CHAMPLIN PETROLEUM COMPANY
WELL NO.1 PUCKETT 13-36
FIELD DIKELAND '
COUNTY COLUMBIA STATE OR

COMPANY CHAMPLIN PETROLEUM COMPANY
WELL NO.1 PUCKETT 13-36
FIELD DIKELAND
COUNTY COLUMBIA STATE OREGON

API No.:
Location: 1325' NORTH & 800' EAST OF THE SOUTHWEST CORNER OF: (W.B.& M.)
Sec. 36 Twp 8N Rge 5W

Other Services:
DIL
CSNG
DIP

Permanent Datum G.L. Elev. 0
Log Measured From K.B. OR 11.4 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 11.4
D.F.
G.L. 0

| | | | | |
|---|---|---|---|---|
| Date | 8-13-84 | | | |
| Run No. | TWO | | | |
| Depth—Driller | 5720 | | | |
| Depth—Welex | 5717 | | | |
| Btm. Log Inter. | **5666** | | | |
| Top Log Inter. | 1373 | | | |
| Casing—Driller | 7 @ 1375 | @ | @ | @ |
| Casing—Welex | 1373 | | | |
| Bit Size | 6 1/4 | | | |
| Type Fluid in Hole | LIGNOSULF. | | | |
| Dens. \| Visc. | 10.2 \| 49 | \| | \| | \| |
| pH \| Fluid Loss | 9.5 \| 5.0 ml | \| ml | \| ml | \| ml |
| Source of Sample | CIRCULATED | | | |
| $R_m$ @ Meas. Temp. | 0.67 @ 91°F | @ °F | @ °F | @ °F |
| $R_{mf}$ @ Meas. Temp. | 0.52 @ 78°F | @ °F | @ °F | @ °F |
| $R_{mc}$ @ Meas. Temp. | 1.37 @ 75°F | @ °F | @ °F | @ °F |
| Source $R_{mf}$ $R_{mc}$ | MEASURED | \| | \| | \| |
| $R_m$ @ BHT | 0.50 @126°F | @ °F | @ °F | @ °F |
| Time Since Circ. | 3 HRS. | | | |
| Time On Bottom | N/A | | | |
| Max. Rec. Temp. | 126 °F @ BHT. | °F @ | °F @ | °F @ |
| Equip. \| Location | 2890 \| WOODLAND | \| | \| | \| |
| Recorded By | GREUTERT | | | |
| Witnessed By | ZEMP | | | |

Fold Here

Service Ticket No 153993 API Serial No. PGM Version: 1.7B

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 | 0.50 @ 126°F | @ °F |
| $R_{mf}$ BHT | 0.33 @ 126°F | @ °F |
| $R_{mc}$ BHT | 0.84 @ 126°F | @ °F |

RESISTIVITY RWA SCALE CHANGES

| Type Log | Depth | Scale Up Hole | Scale Down Hole | COMPUTED FROM a | COMPUTED FROM m |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

RESISTIVITY EQUIPMENT DATA

| Run No. | Tool Type and No. | Pad Type | Tool Position | Other |
|---|---|---|---|---|
| TWO | AVL 70875 | | CENT. | |
| | | | | |
| | | | | |
| | | | | |

Borehole Corrections
shallow medium deep

EQUIPMENT DATA

| GAMMA | | ACOUSTIC | | DENSITY | | NEUTRON | |
|---|---|---|---|---|---|---|---|
| Run No. | | Run No. | | Run No. | | Run No. | |
| Serial No. | | Serial No. | | Serial No. | | Serial No. | |
| Model No. | | Model No. | | Model No. | | Model No. | |
| Diameter | | No. of Cent. | | Diameter | | Diameter | |
| Detector Model No. | | Spacing | 2 FOOT | Log Type | | Log Type | |
| Type | | | | Source Type | | Source Type | |
| Length | | LSA | ☐ Yes ☐ No | Serial No. | | Serial No. | |
| Distance to Source | | FWDA | ☐ Yes ☐ No | Strength | | Strength | |

## LOGGING DATA

| GENERAL | | | | GAMMA | | ACOUSTIC | | | DENSITY | | | NEUTRON | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Run No. | Depths | | Speed Ft./Min. | Scale | | Scale | | Matrix | Scale | | Matrix | Scale | | Matrix |
| | From | To | | L | R | L | R | | L | R | | L | R | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| a = | | m = | | | | $\Delta t_{sh}$ = | | $\Delta t_{fl}$ = | $\rho_{fl}$ = | | | | | |

REMARKS: F=0.62/0 2.15

R.M.C.

| CASED HOLE PARAMETERS | |
|---|---|
| From: | To: |
| Bit Size | |
| Csg. O.D. | |
| Csg. Wt. | |

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 willful misconduct for any loss, damages, or expenses resulting from the use thereof.

5" = 100'

### POTENTIAL MILLIVOLTS

— → 10 ← +

Rwa

0 3

### CALIPER

4 Average Diameter In. 14

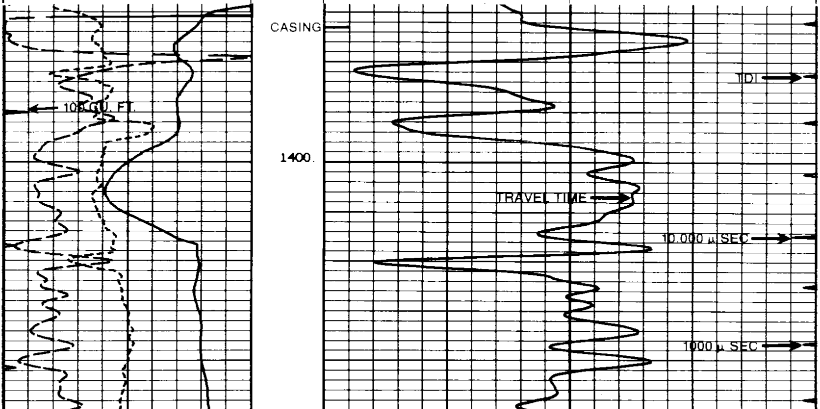
### TRAVEL TIME

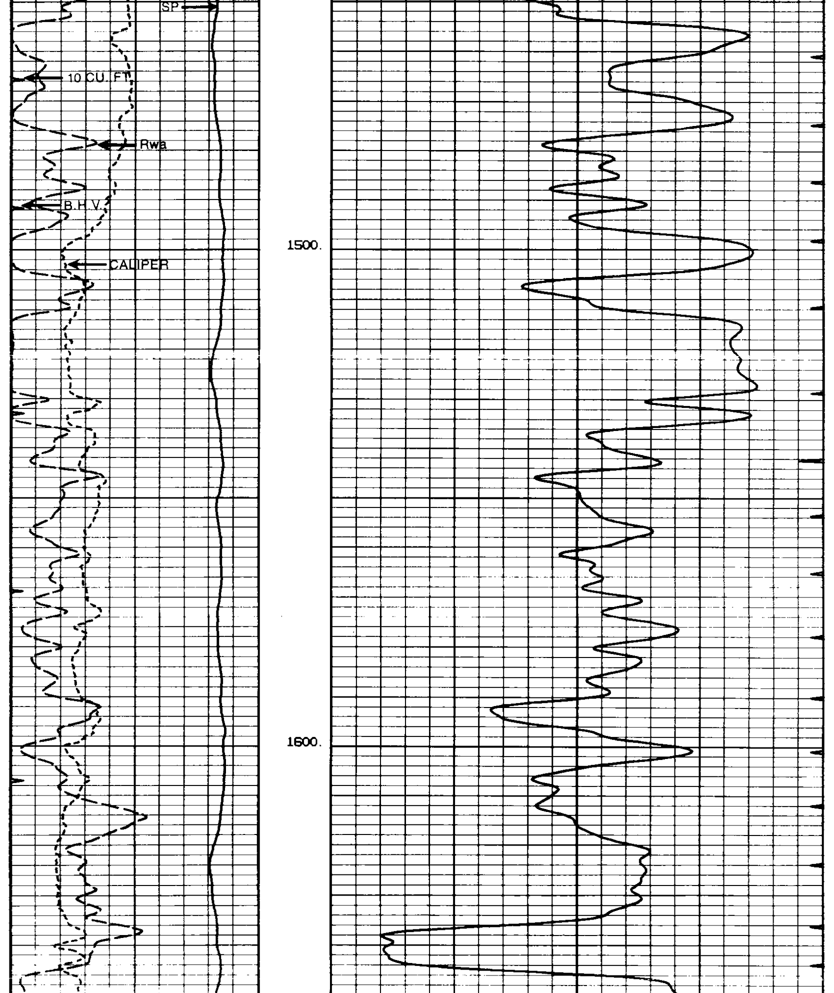
MICROSECONDS PER FT.

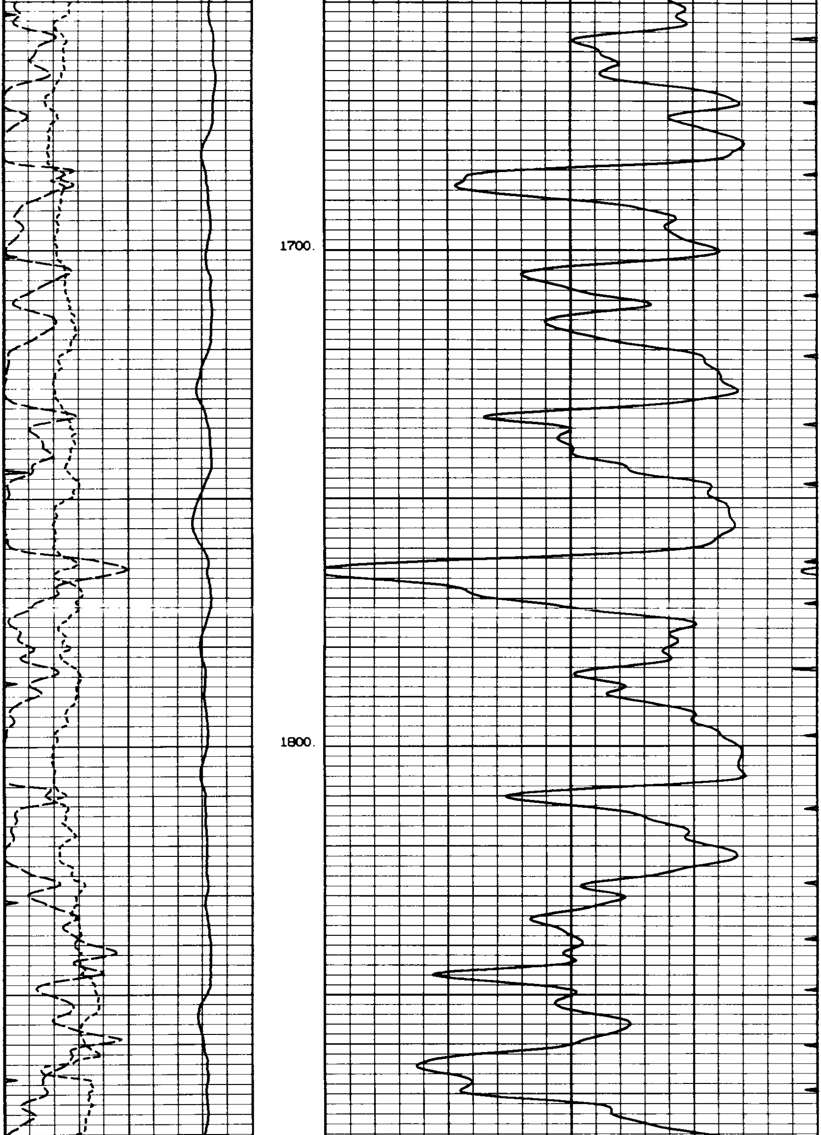
$T \frac{2}{} R_1 \frac{2}{} R_2$

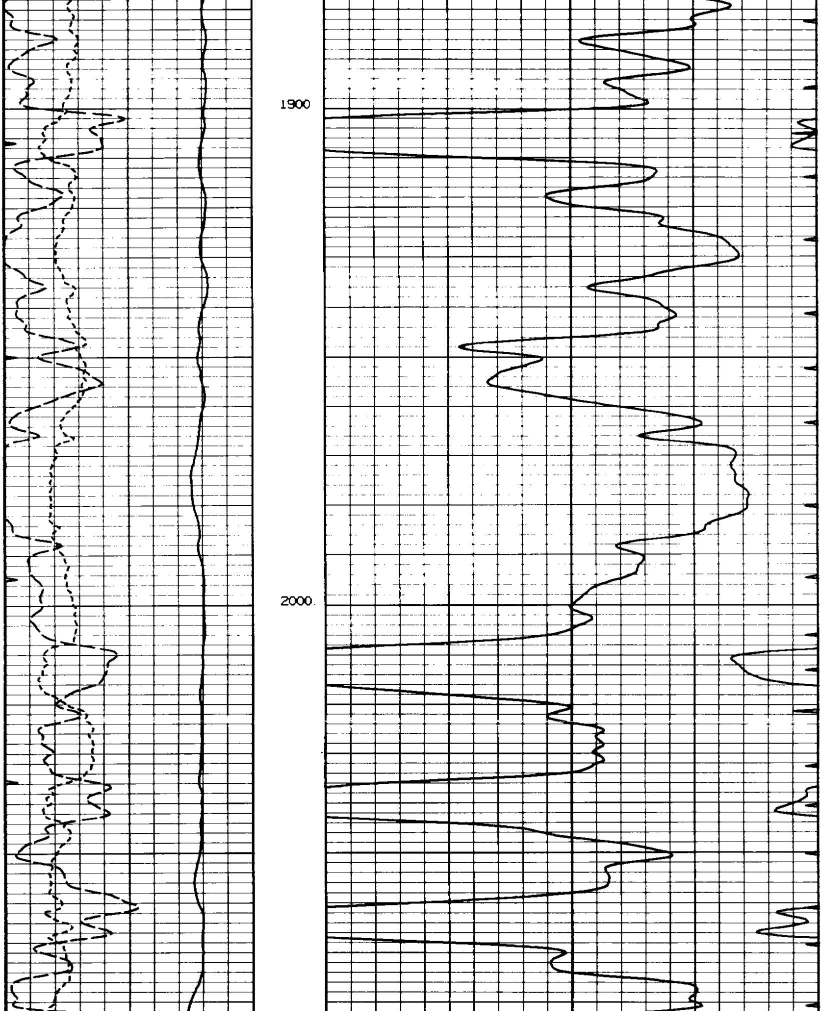
140 90 40

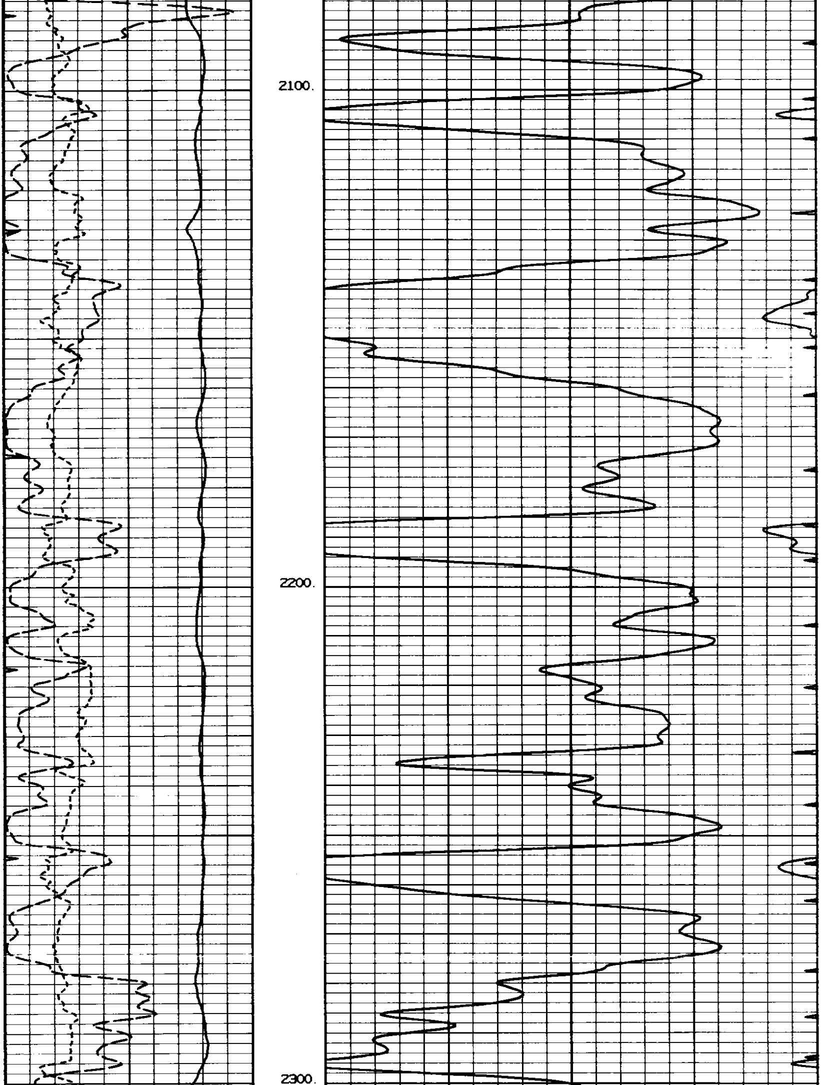
240 190 140

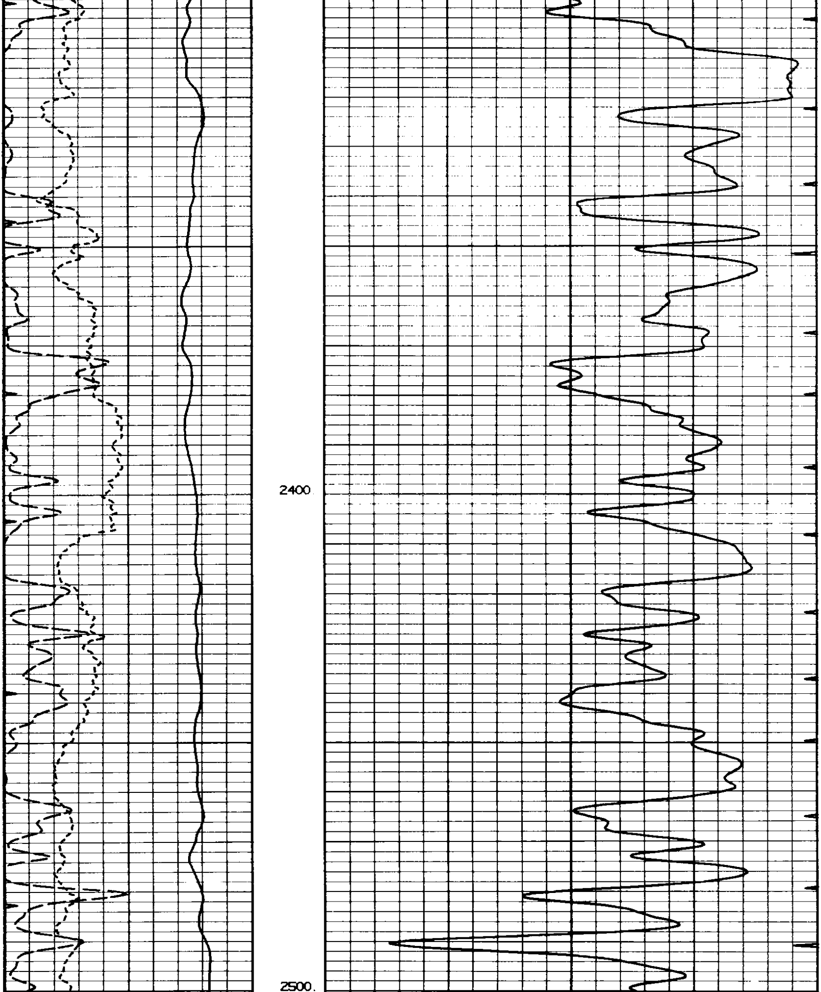


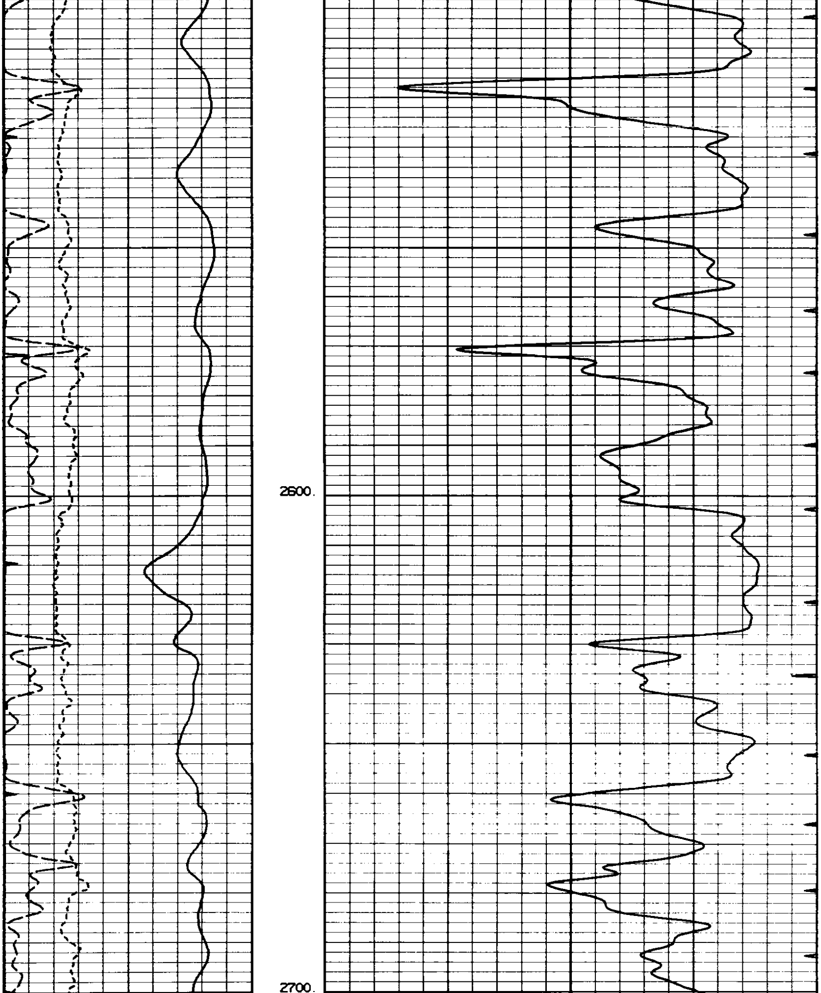


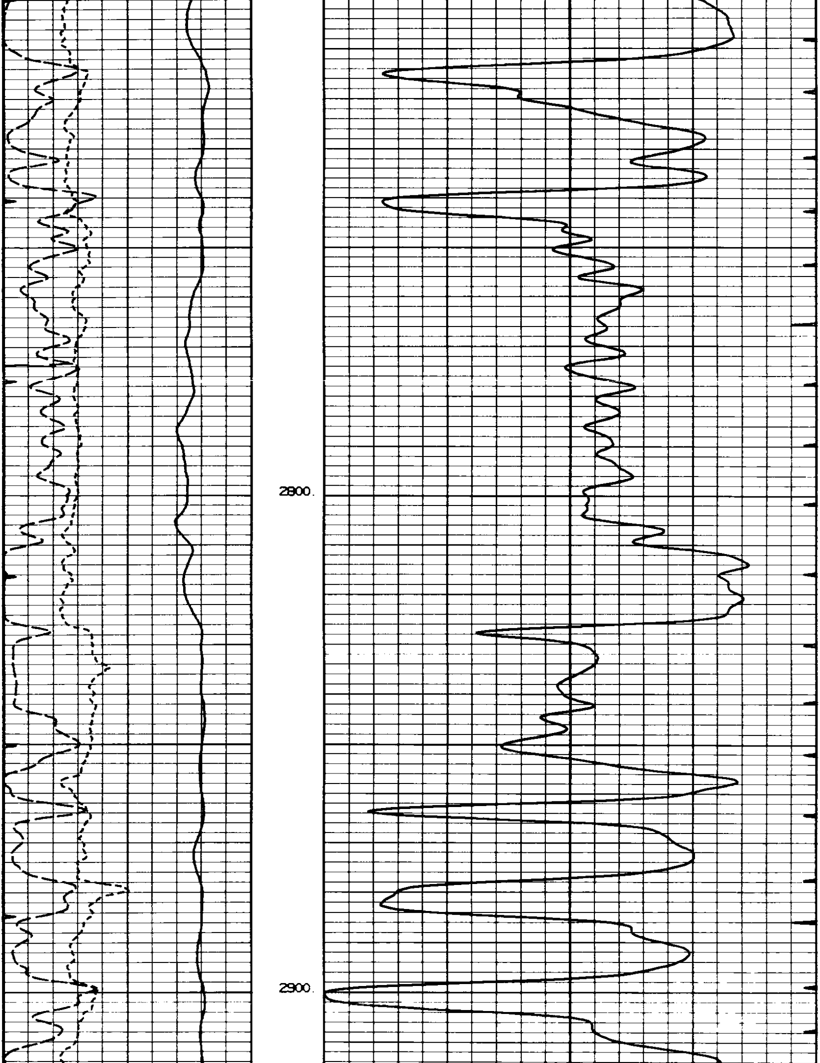


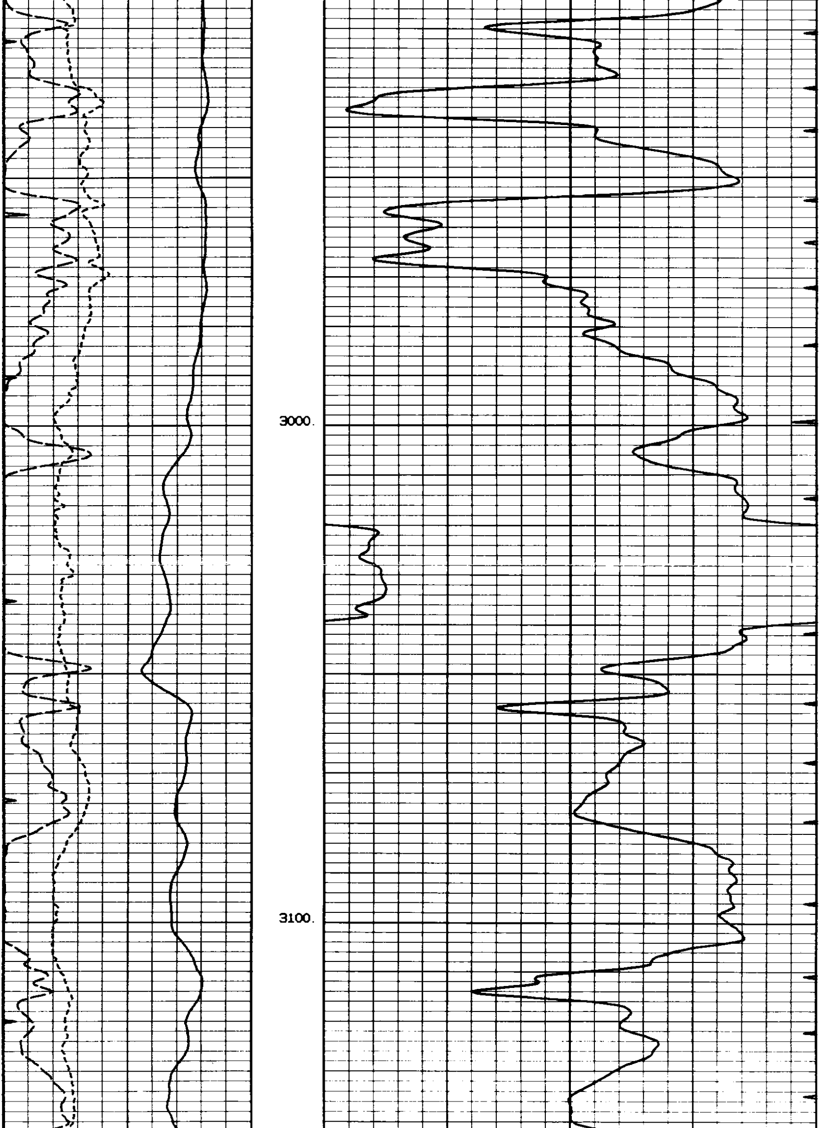


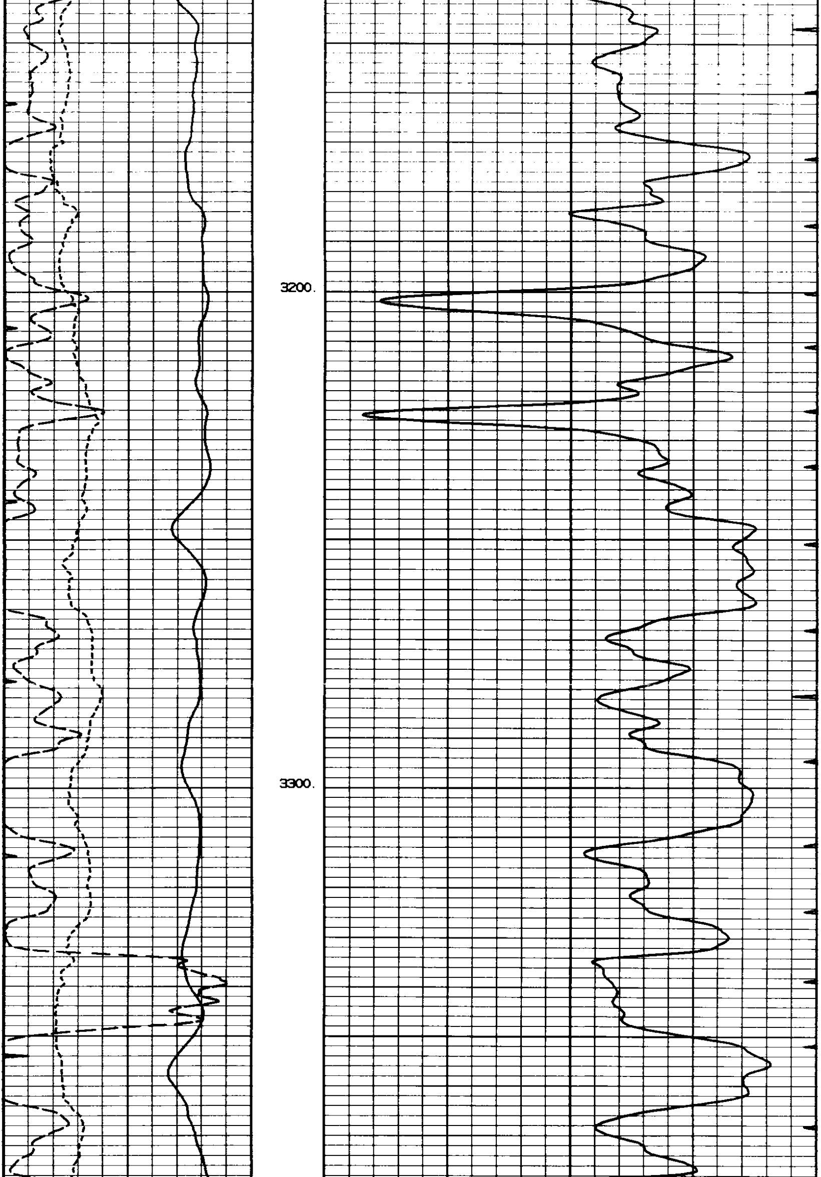


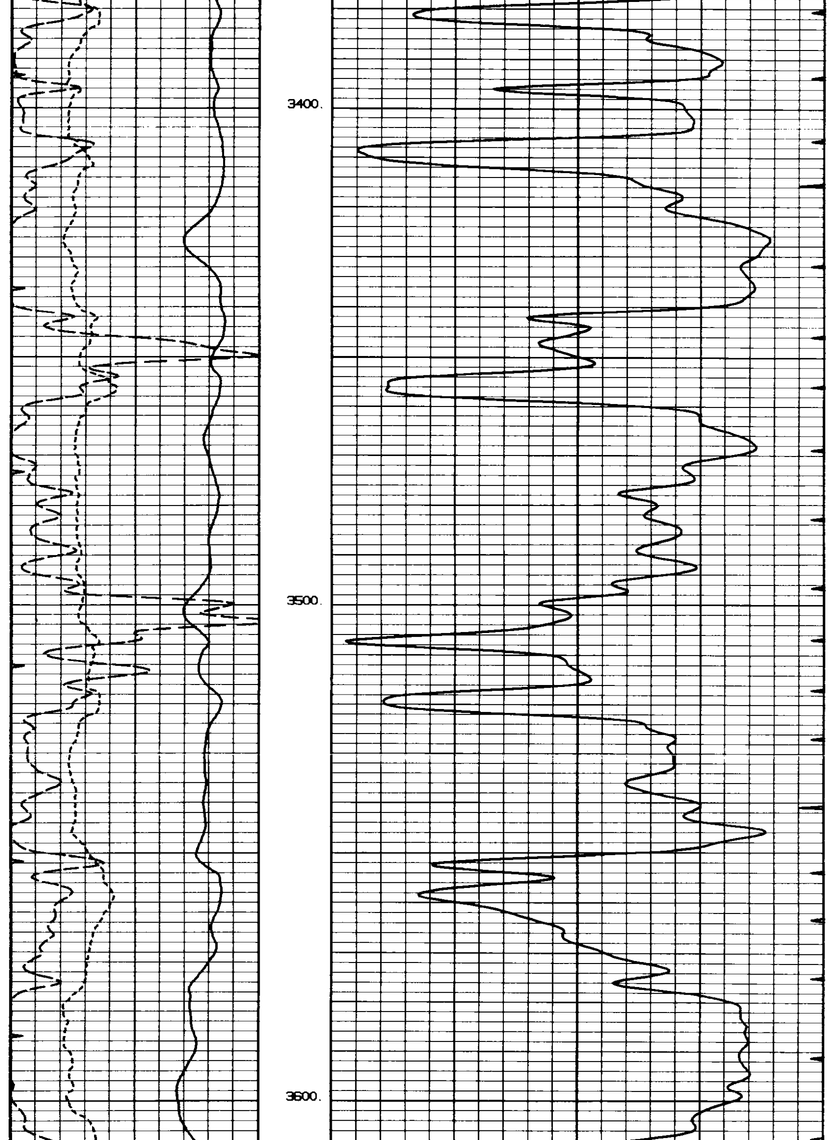


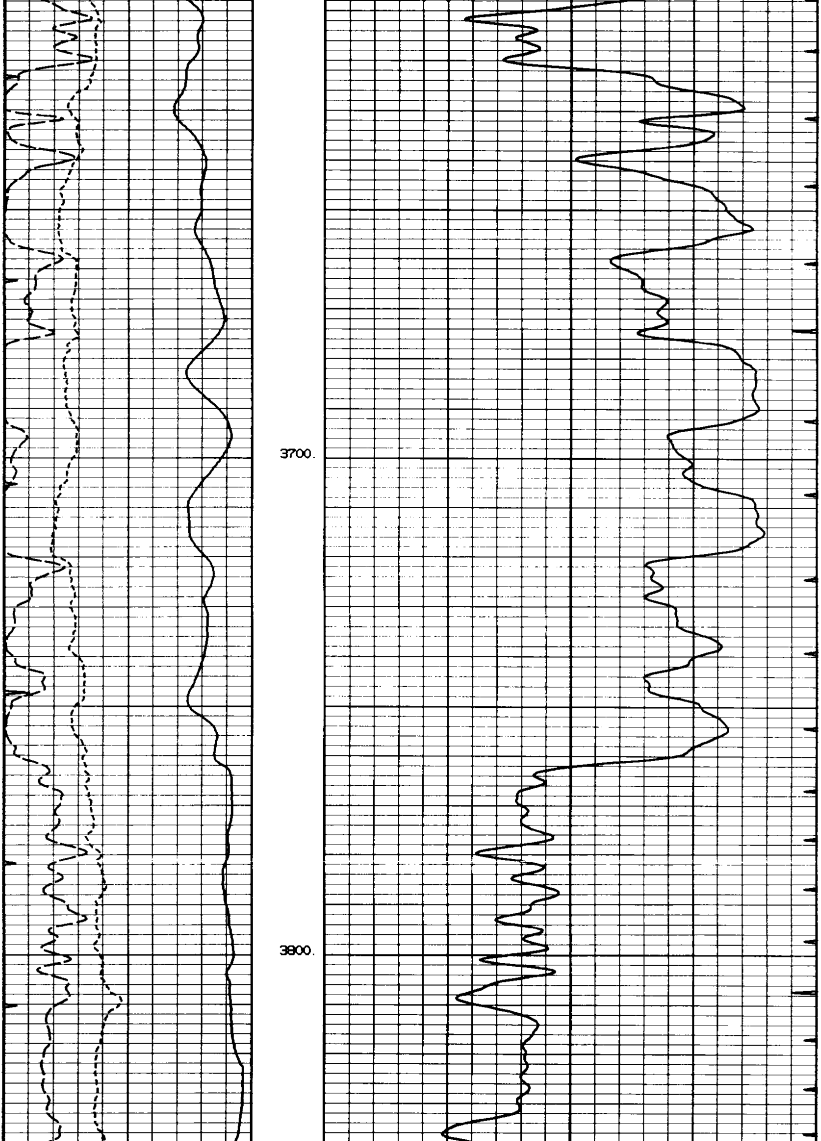


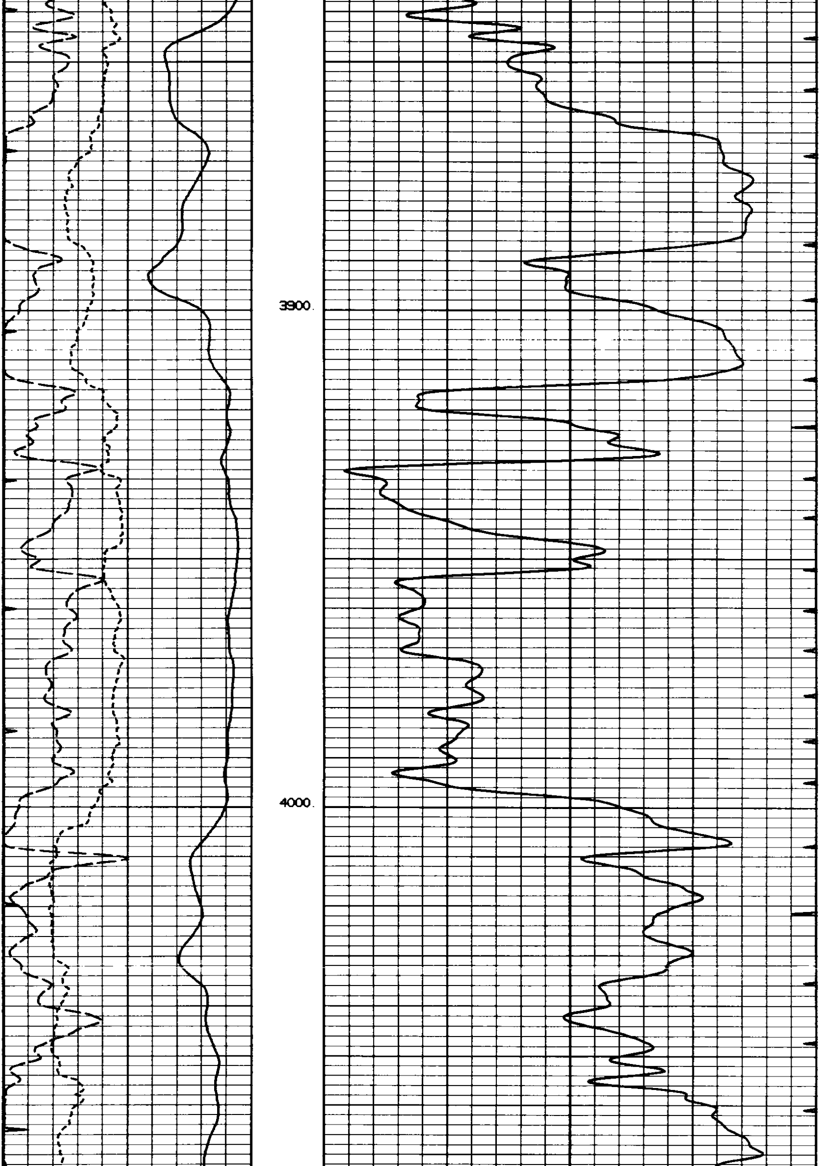


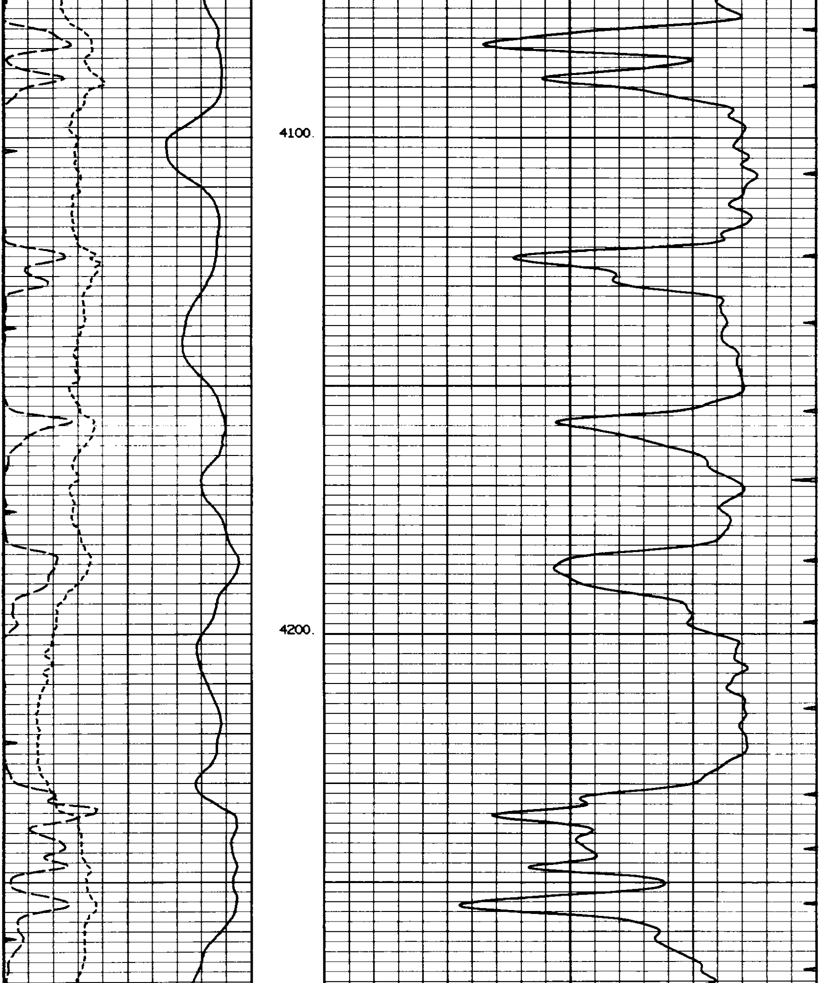


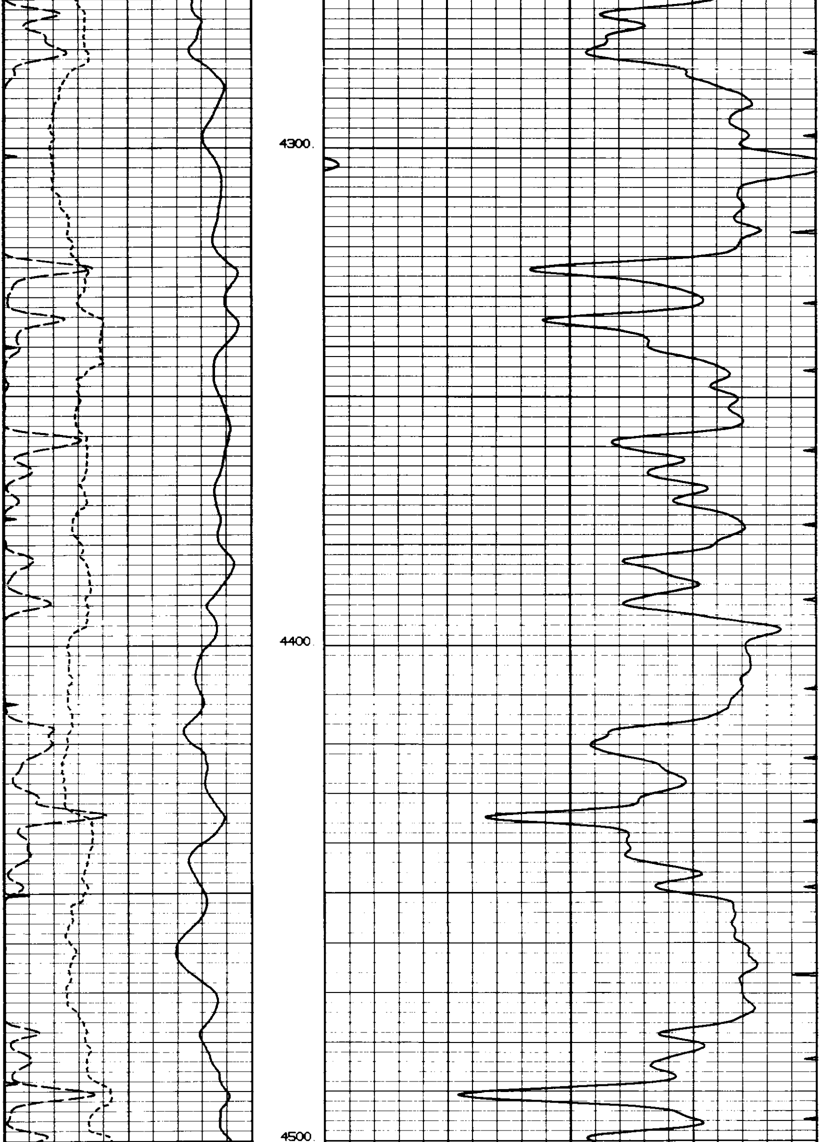


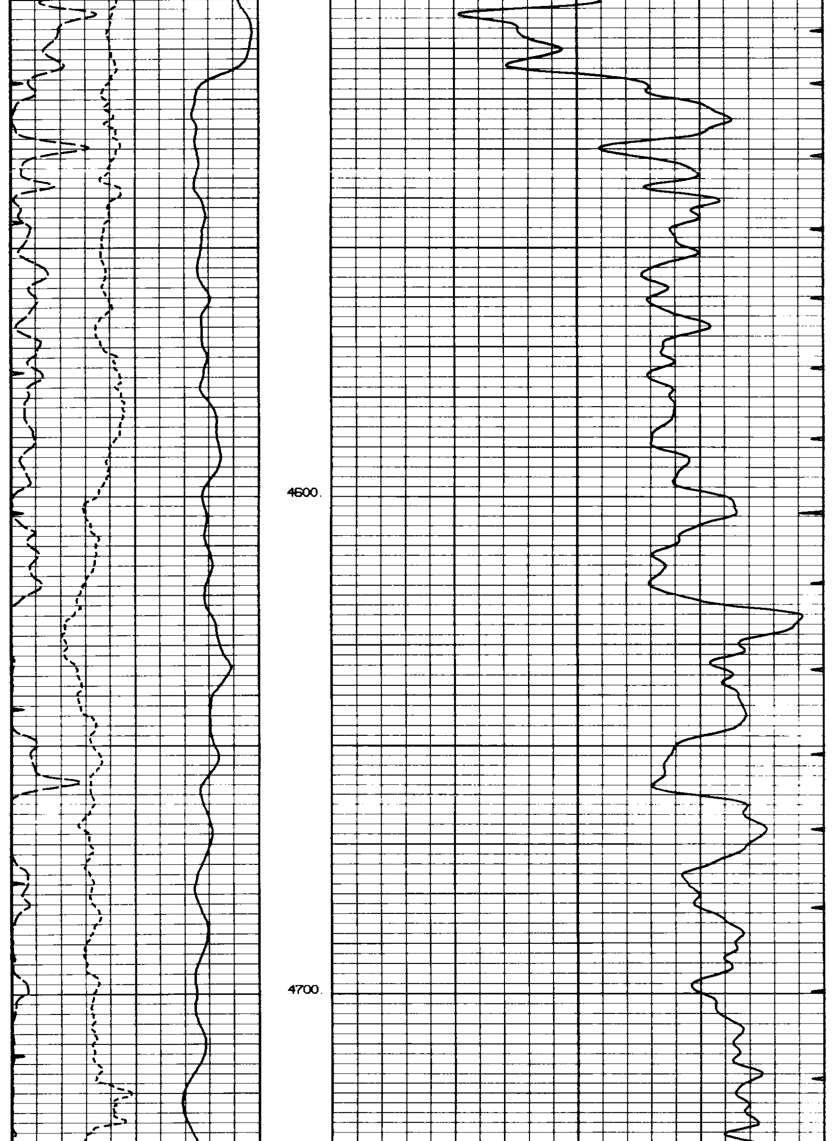


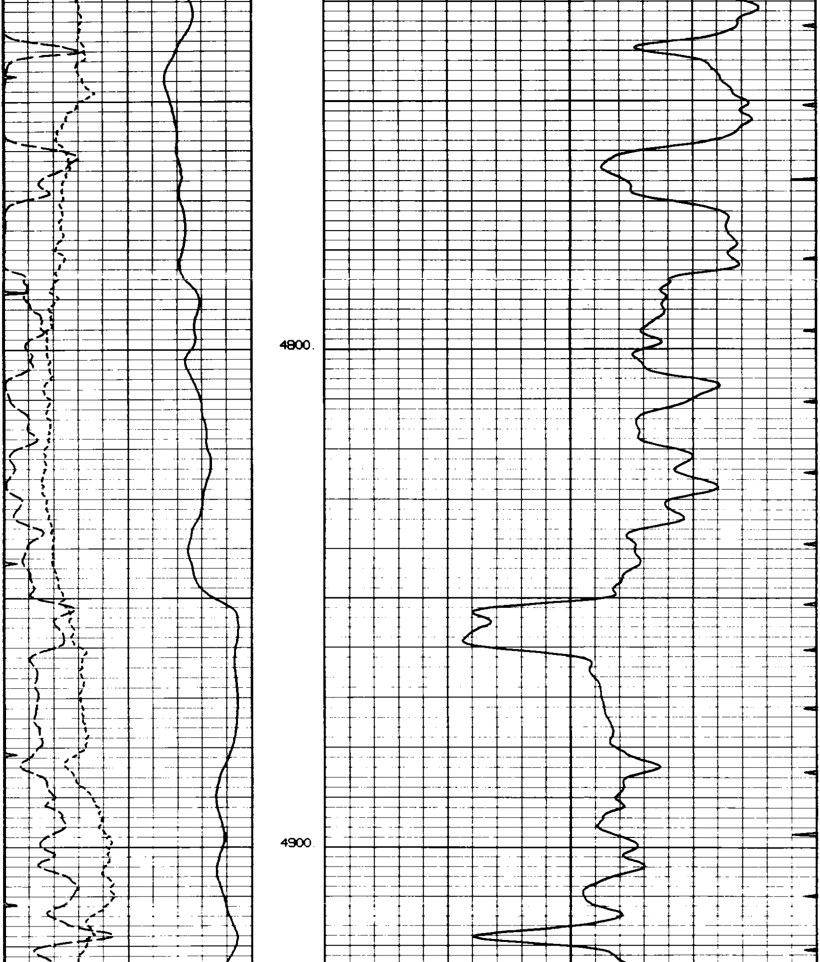


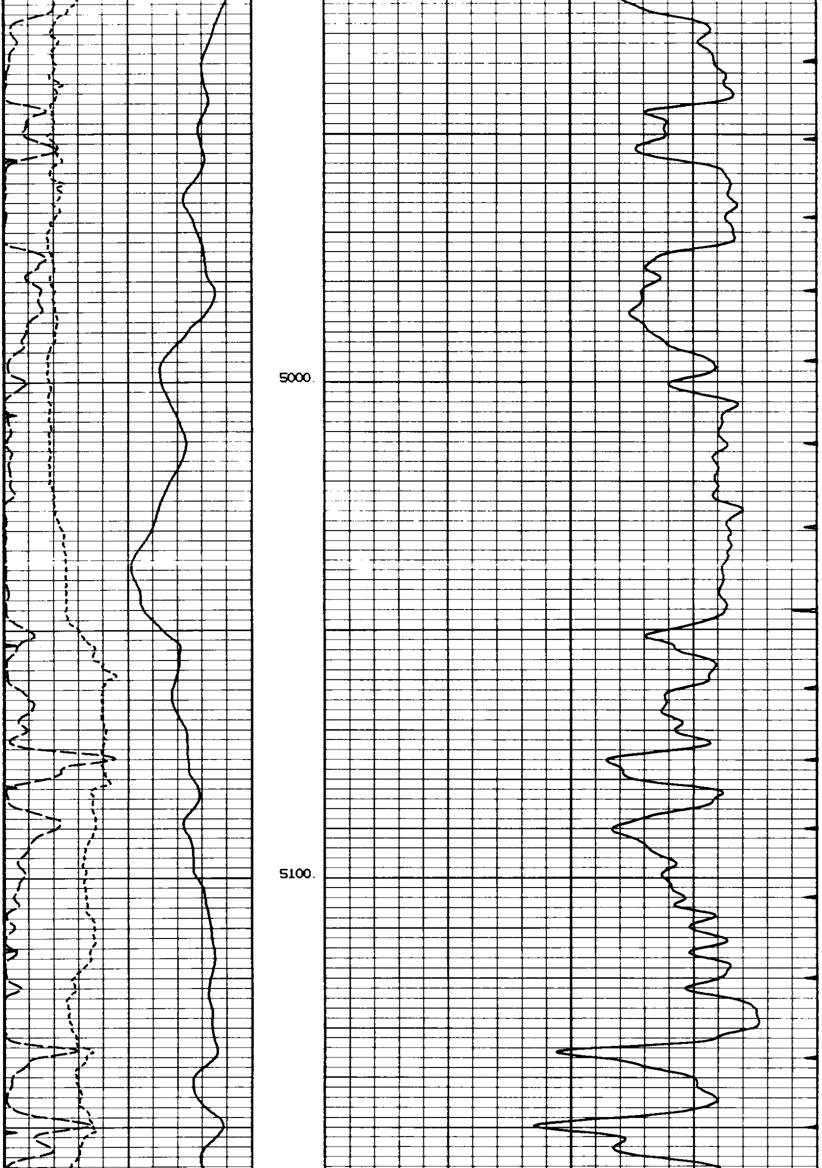


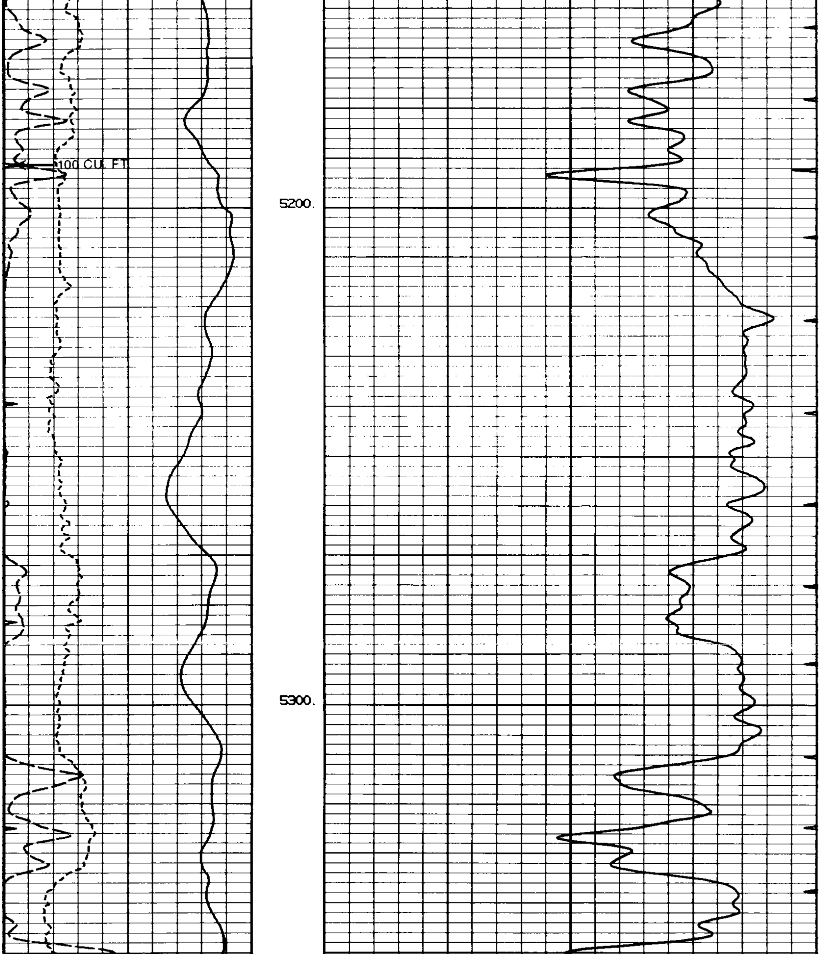


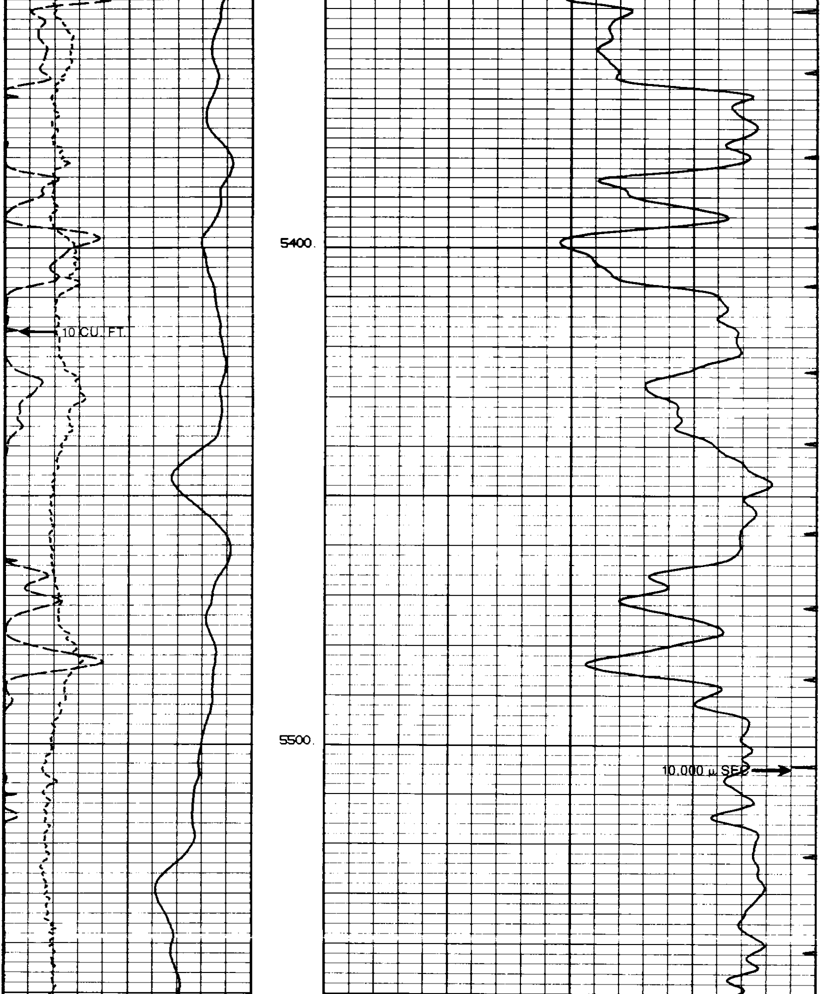


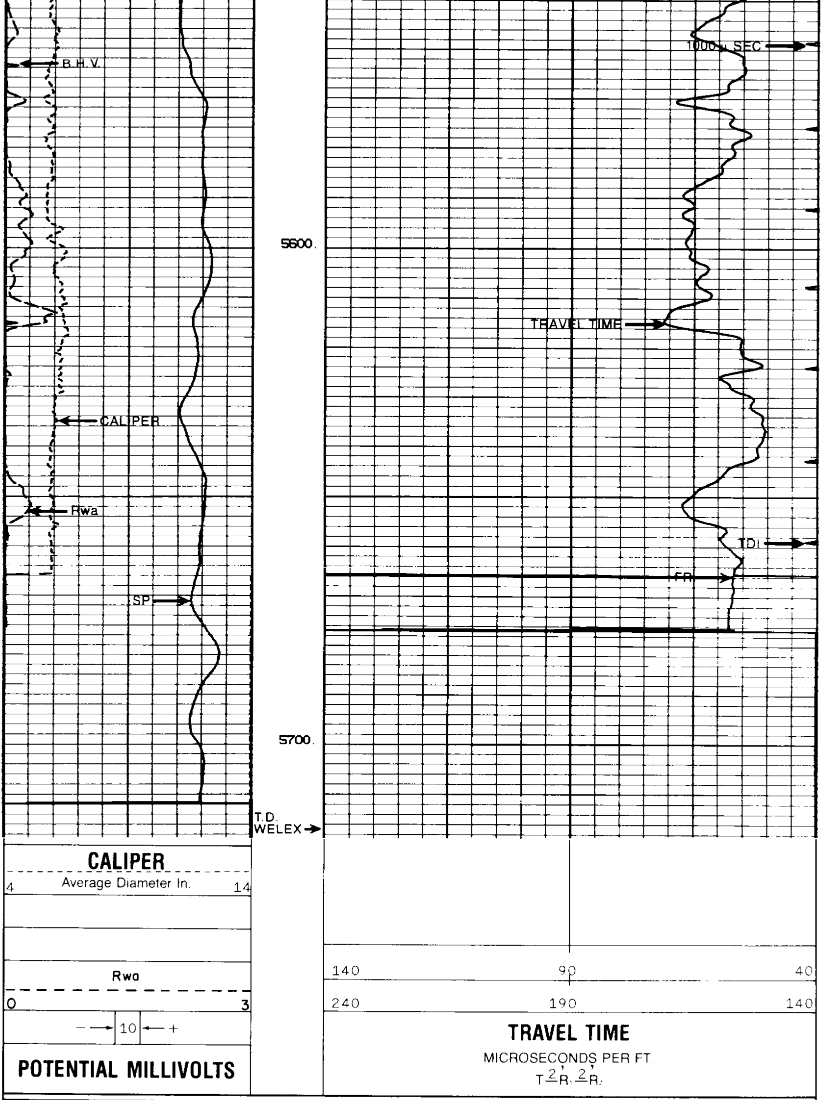








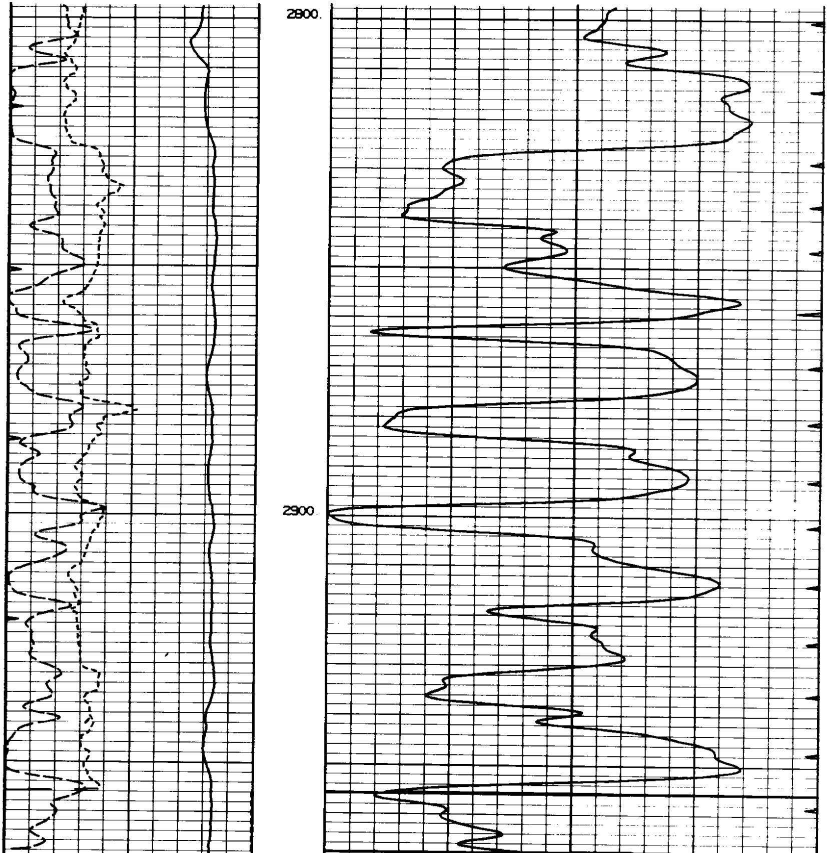


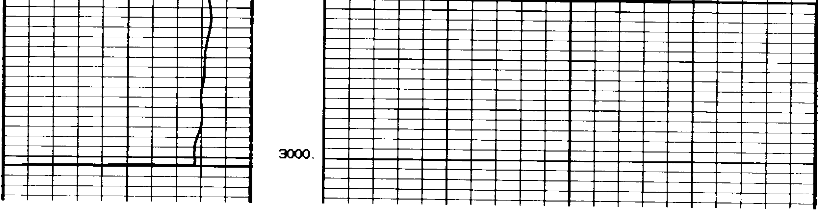


CHAMPLIN PETROLEUM COMPANY
NO.1 PUCKETT 13-36
DIKELAND
COLUMBIA COUNTY, OREGON

| | |
|---|---|
| T.D. LOGGED | **5666** |
| T.D. DRILLER | 5720 |
| T.D. WELEX | 5717 |

## REPEAT SECTION





```
                     AFTER LOG CALI CALIBRATION SUMMARY

PERFORMED   08/ 13/ 84
PROGRAM VERSION  V1.7


              BEFORE        AFTER    UNITS
VALUE 1            8       7.7414     INCH
VALUE 2           16       15.727     INCH


SER # 70875       MOD  # 202     SRC  # 0          FLD CAL  # 0

                     BEFORE LOG CALI CALIBRATION

PERFORMED   08/ 13/ 84
PROGRAM VERSION V1.7


             MEASURED  CALIBRATED  UNITS
VALUE 1            0.         8.    INCH
VALUE 2            0.        16.    INCH


SER # 70875       MOD. # 202     SRC  # 0          FLD CAL  # 0
```