Watzek 30-1

Schlumberger

# COMPENSATED FORMATION DENSITY LOG
Gamma-Gamma

COUNTY
FIELD
LOCATION
WELL
COMPANY

COMPANY QUINTANA PETROLEUM CORP

WELL WATZEK 30-1

FIELD WILDCAT

COUNTY CLATSOP STATE OREGON

LOCATION 1769' S & 3735' W OF NE COR

| API SERIAL NO. | SEC. | TWP | RANGE |
|---|---|---|---|
| | 30 | 6N | 6W |

Other Services:
DIL BHC
HDT

Permanent Datum: GL ; Elev.: 870.7
Log Measured From KB 13.6 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 884.3
D.F.
G.L. 870.7

| | | | | |
|---|---|---|---|---|
| Date | 12/24/80 | | | |
| Run No. | 2 | | | |
| Depth—Driller | 7069 | | | |
| Depth—Logger | 7049 | | | |
| Btm. Log Interval | 7048 | | | |
| Top Log Interval | 6538 | | | |
| Casing—Driller | 9 5/8 @ 796 | @ | @ | @ |
| Casing · Logger | 796 | | | |
| Bit Size | 8.75 | | | |
| Type Fluid in Hole | LIGNO | | | |
| Dens. \| Visc. | 11.2 \| 5.8 | | | |
| pH \| Fluid Loss | 9.8 \| 4.4 ml | ml | ml | ml |
| Source of Sample | CIRC | | | |
| Rm @ Meas. Temp. | .79 @ 86 °F | @ °F | @ °F | @ °F |
| Rmf @ Meas. Temp. | 2.5 @ 54 °F | @ °F | @ °F | @ °F |
| Rmc @ Meas. Temp. | 2.64 @ 62 °F | @ °F | @ °F | @ °F |
| Source: Rmf \| Rmc | M \| M | | | |
| Rm @ BHT | .53 @ 128 °F | @ °F | @ °F | @ °F |
| TIME Circulation Stopped | 12/24 1300 | | | |
| TIME Logger on Bottom | 12/25 0045 | | | |
| Max. Rec. Temp. | 129 °F | °F | °F | °F |
| Equip. \| Location | 8126 \| SAC | | | |
| Recorded By | ANDERSEN | | | |
| Witnessed By Mr. | WEST | | | |

SWS-1381-K

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

| | | | | |
|---|---|---|---|---|
| **RUN NO.** | 1 | | | |
| Service Order No. | 135789 | | | |
| Fluid Level | FULL | | | |
| Salinity, PPM CL. | — | | | |
| Speed - F.P.M. | 30 | | | |
| **EQUIPMENT DATA** | | | | |
| Dens. Panel | 418 | | | |
| Dens. Cart. | 1340 | | | |
| Dens. Skid. | 321 | | | |
| Dens. Sonde | 392 | | | |
| Dens. Source | 5153 | | | |
| Dens. Calibrator | 1177 | | | |
| GR Cart. | 2692 | | | |
| Memorizer Panel | — | | | |
| Tape Recorder (TTR) | — | | | |
| Depth Encoder (DRE) | — | | | |
| Pressure Wheel (CPW) | — | | | |
| **CALIBRATION DATA** | | | | |
| GR BKG. CPS | 33 | | | |
| GR Source CPS | 198 | | | |
| GR Sens. - Cal | 165 | | | |
| GR T. C. - Cal | AUTO | | | |
| FDC $P_1$ — Before Log | 420 | | | |
| FDC $P_2$ — Before Log | 692 | | | |
| FDC $P_1$ — After Log | 423 | | | |
| FDC $P_2$ — After Log | 681 | | | |
| **LOGGING DATA** | | | | |
| Grain Density | 2.65 | | | |
| Liquid Density | 1.0 | | | |
| Hole Fluid | LIQ | | | |
| Porosity Scale | 45 15 -15 | | | |
| G.R. T.C. Logged | AUTO | | | |
| G.R. Sens. Logged | 150 | | | |
| Zero Div. Left | 0 | | | |
| Scale Per 100 Div. | 150 | | | |

SCALE CHANGE

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

REMARKS:

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

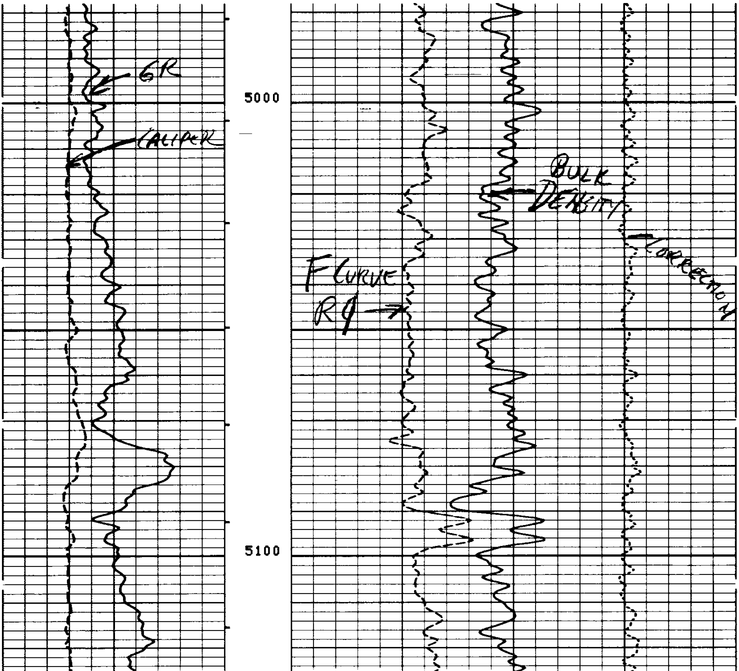
## PARAMETERS

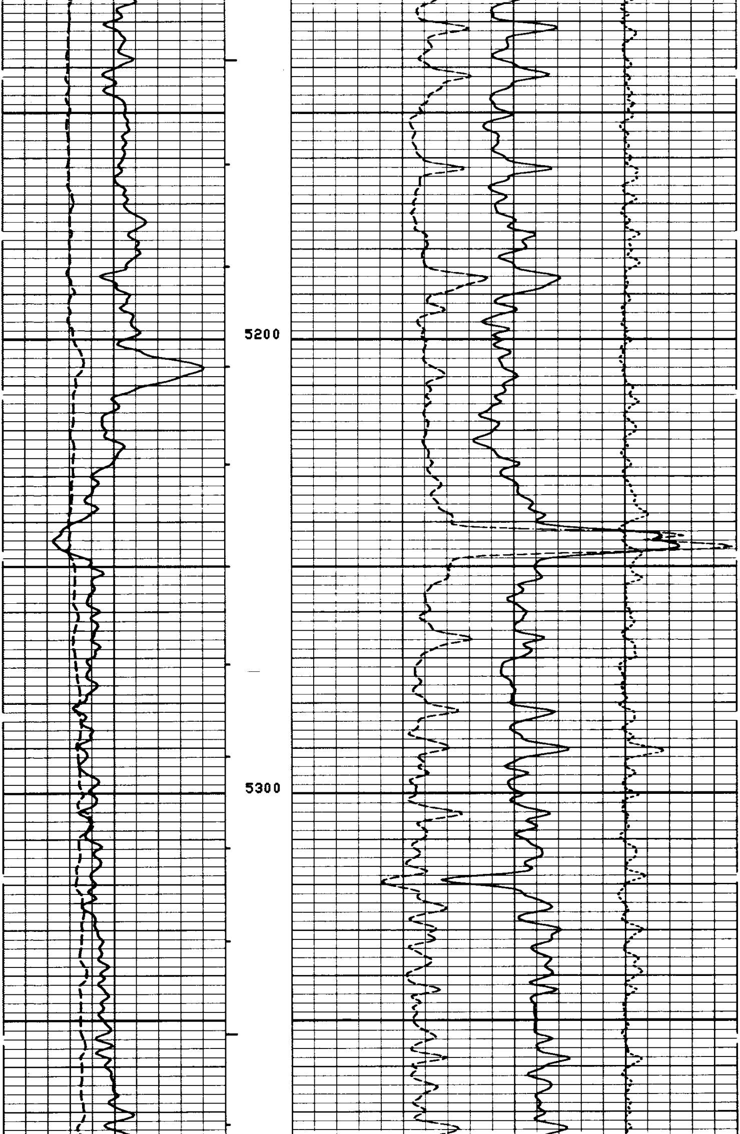
| NAME | UNIT | VALUE | NAME | UNIT | VALUE | NAME | UNIT | VALUE |
|---|---|---|---|---|---|---|---|---|
| HC | | CALI | PSNR | | 2.334 | BS | INCH | 8.750 |
| MDEN | G/C3 | 2.650 | FD | G/C3 | 1.000 | MATR | | SAND |
| BHF | | WATE | | | | | | |
| DO | | 0.0 | BHS | | OPEN | FPHI | | PHIX |

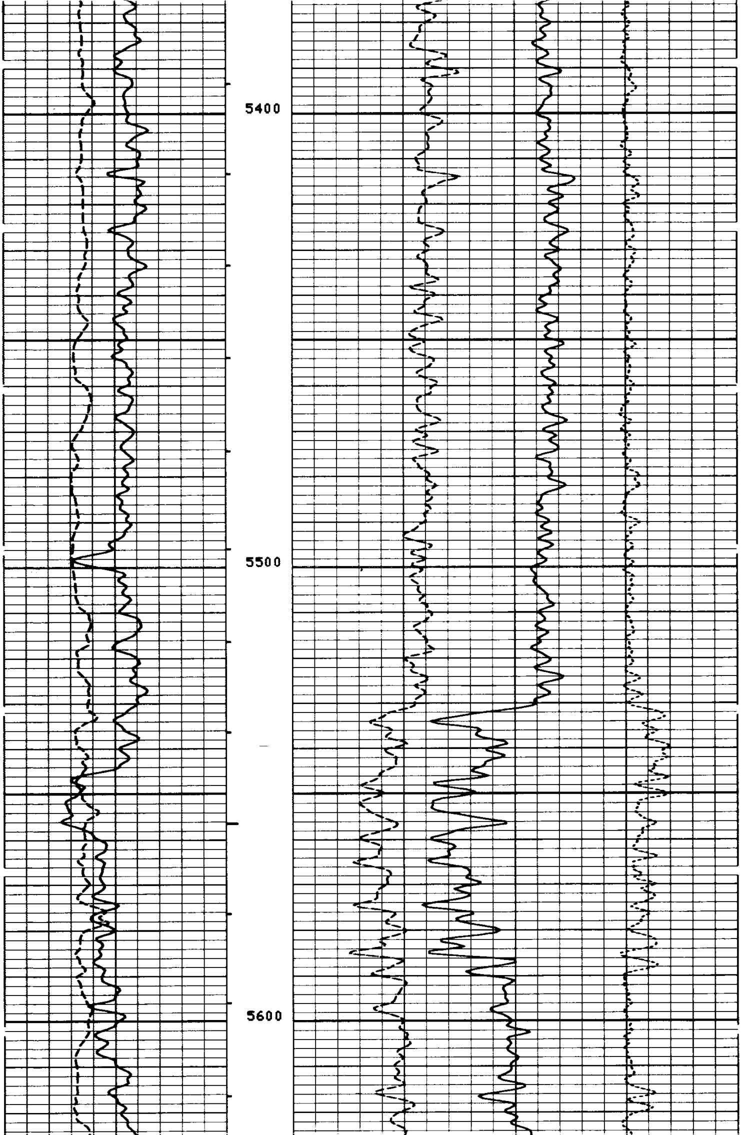
| | | |
|---|---|---|
| DRHO(G/C3) | -0.250 | 0.2500 |
| CALI(IN ) | 6.000 | 16.00 |
| GR (GAPI) | 0.0 | 150.0 |
| RO (OHMM) | 2.000 | 20000. |
| RHOB(G/C3) | 2.000 | 3.000 |

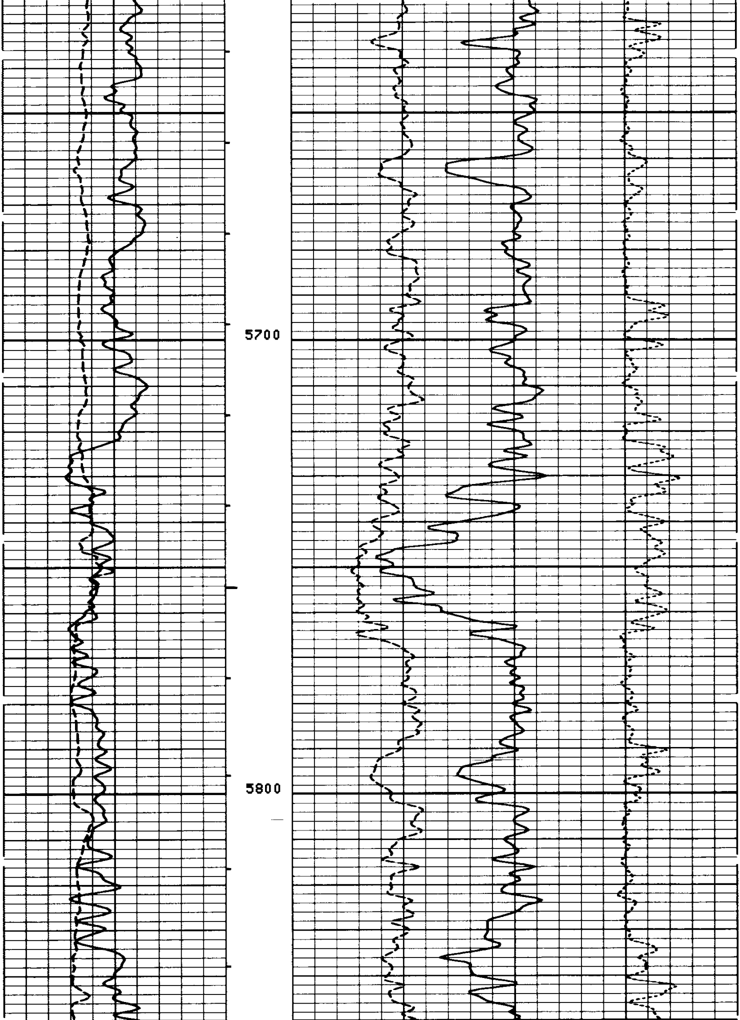
FILE

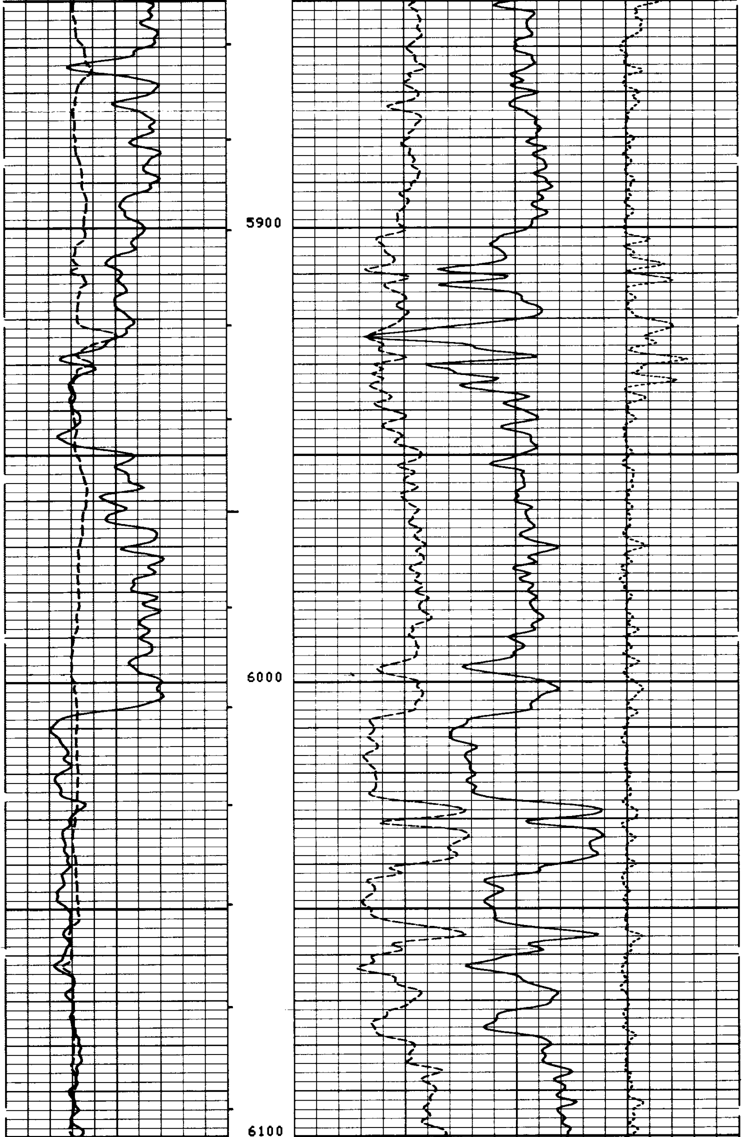
102

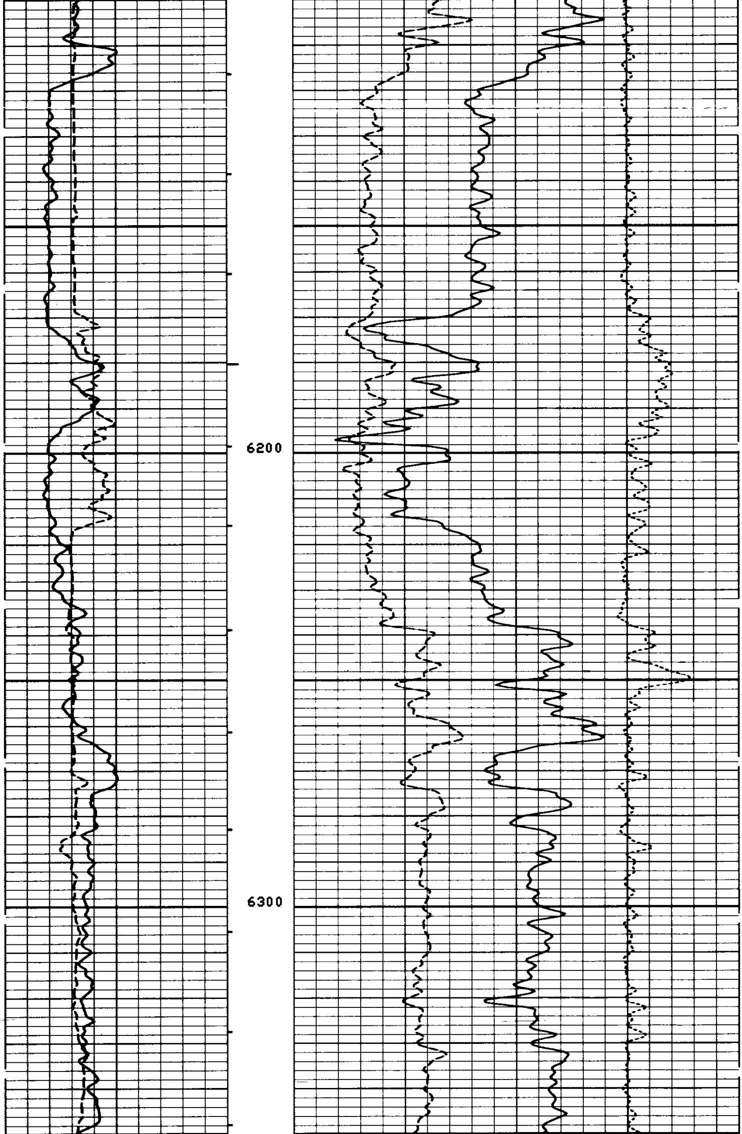


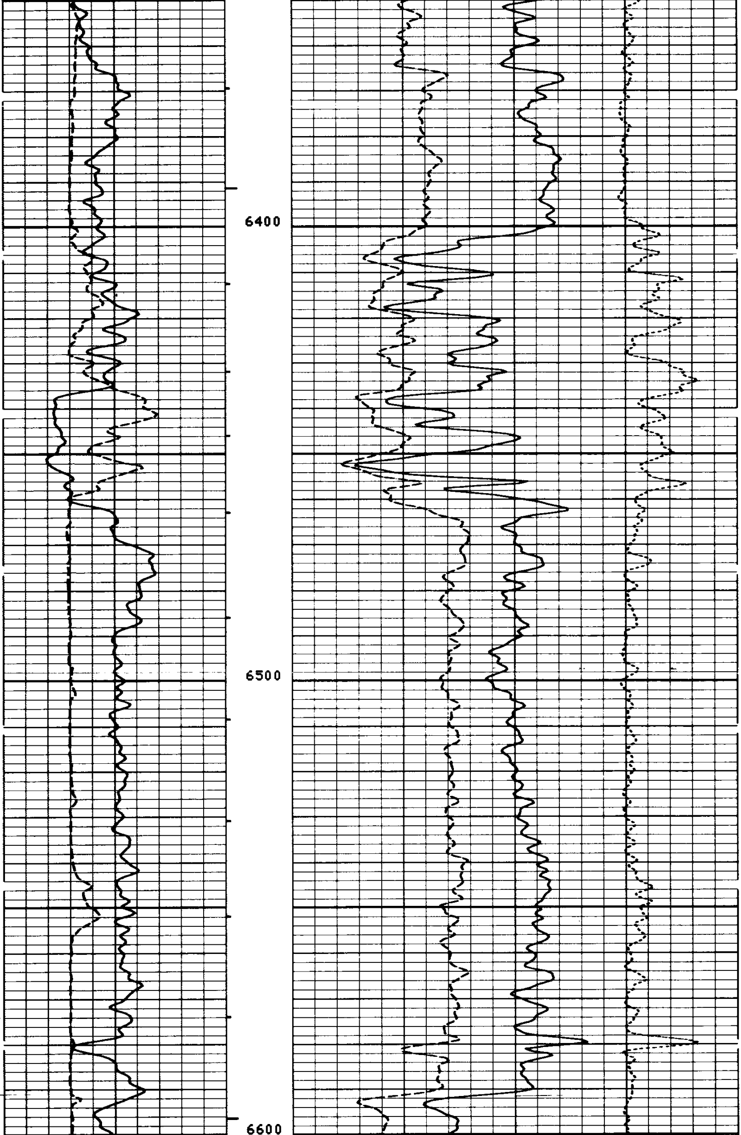


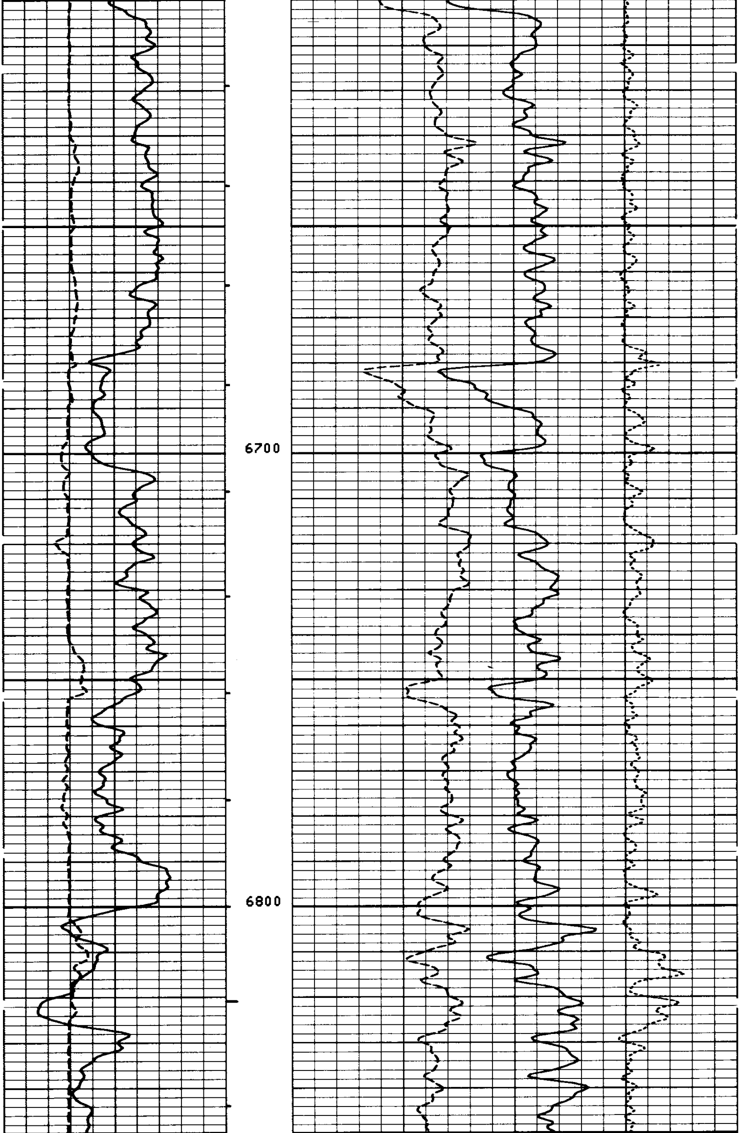


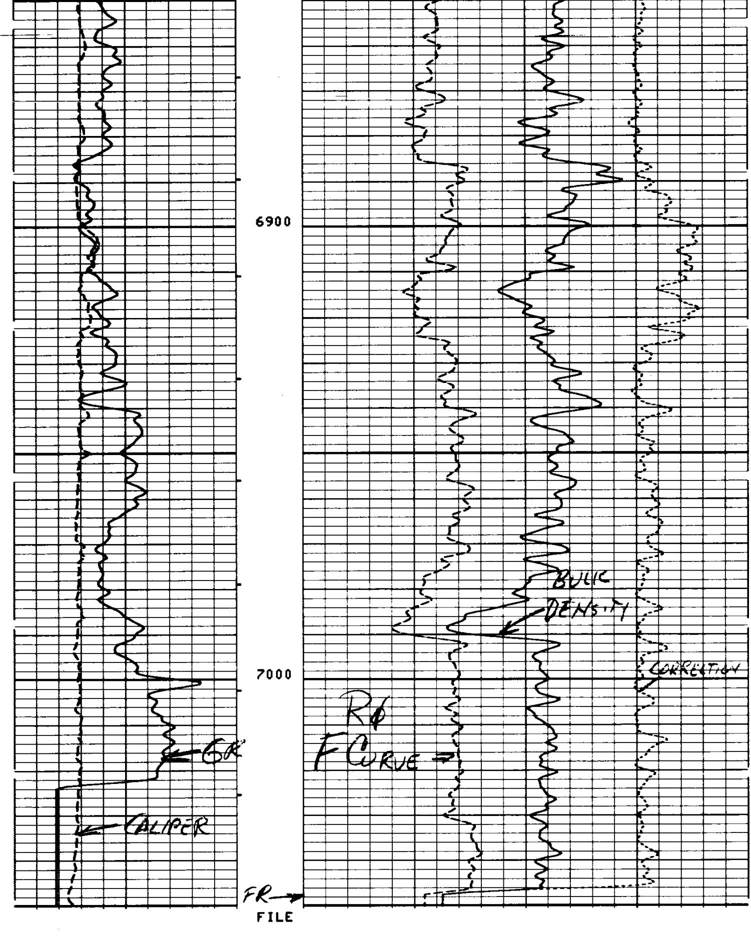












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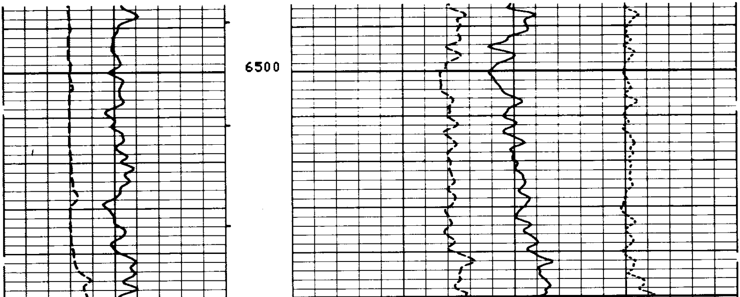

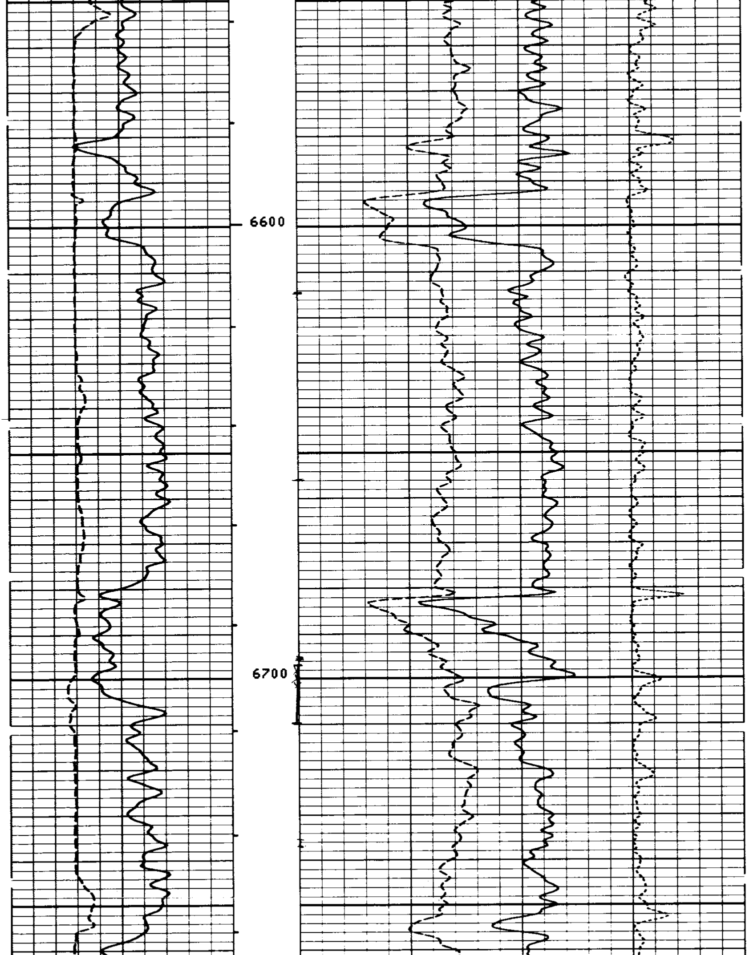

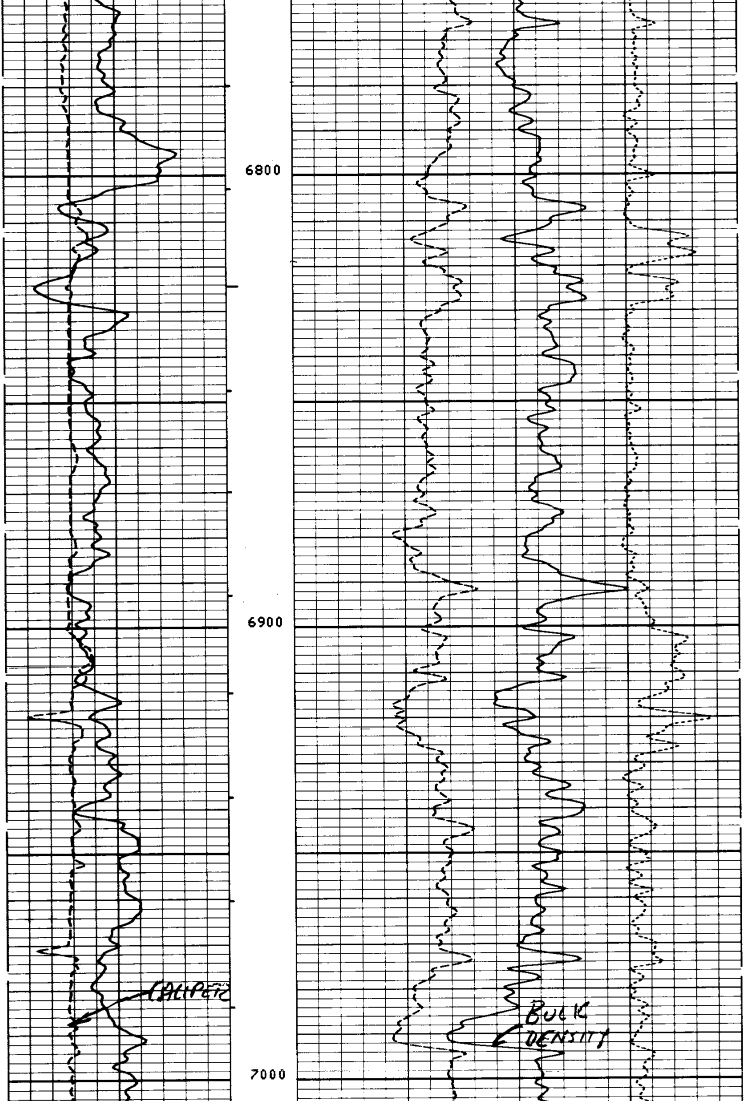

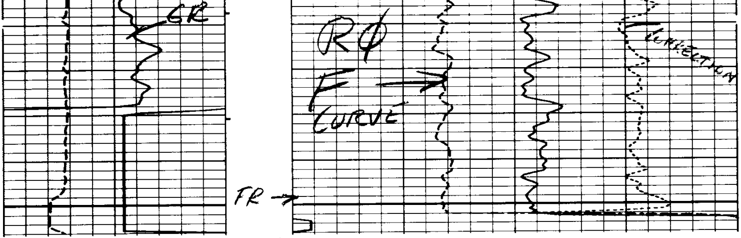

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