

COMPANY: ARCO EXPLORATION & TECHNOLOGY COMPANY
WELL: "DRYDEN FIBRE" 13-8

COUNTY: MISTY
LOCALITY: COLUMBIA
METHOD: DUCED
LOCATION: FIDON 1/4 - N 89 DEG 15' 21" E 591.62'
SECTION: PERREN TO LINE 8 DEG 44' 39" E 801.61'
SECTION: 6

DEPTH-DRILLER: 1473.0 F
DEPTH-LOGGER: 1480.0 F
BTRM LOG INTERVAL: 1453.0 F
CASINO-DRILLER: 489.0 F
CASINO-LOGGER: 489.0 F
CASHEIGHT: 36,000 LB/F
BIT SIZE: 8 3/4 IN
DEPTH: 1473.0 F

DATE: 10 MAR 86
RUN NO: 1
DEPTH-DRILLER: 1473.0 F
DEPTH-LOGGER: 1480.0 F
BTRM LOG INTERVAL: 1453.0 F
CASINO-DRILLER: 489.0 F
CASINO-LOGGER: 489.0 F
CASHEIGHT: 36,000 LB/F
BIT SIZE: 8 3/4 IN
DEPTH: 1473.0 F

RECEIVED - PUD
APR 21 1986
ARCO EXPLORATION & TECHNOLOGY COMPANY

OTHER SERVICES:
DIPMETER
IDENTITY
NEUTRON

PROGRAM:
ELEV. OF FERM. DATUM: 782.2 F
ELEV. OF FERM. DATUM: 782.2 F
LOG MEASURED FROM: PERM. DATUM
DLOG MEASURED FROM: 78
ELEVATIONS:
KR: 793.2 F
DL: 793.2 F
SERVIC: 28.4
SERVICE: 482083

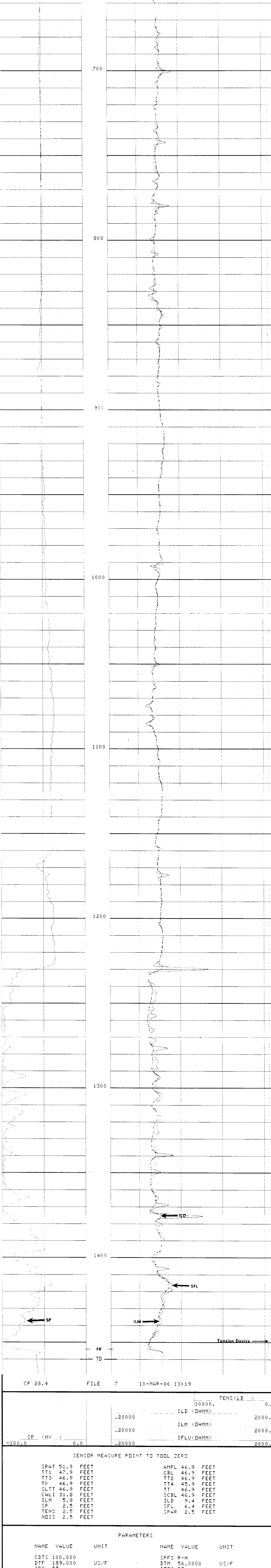
TYPE FLUID IN HOLE: DESCO WELPHC
DENSITY: 10.00 LB/G
VISCOSITY: 50.0 S
PH: 11.0
FLUID LOSS: 6.2 CC
SOURCE OF SAMPLE: FLDN LINE
RM: 2.350 OHMM AT 63.0 DEGF
RMF: 6.100 OHMM AT 49.0 DEGF
RMC: .550 OHMM AT 48.0 DEGF
SOURCE RMF/RMC: MEASURED/MEASURED
RM AT BHT: 1.634 OHMM AT 86.0 DEGF
RMF AT BHT: 3.1673 OHMM AT 86.0 DEGF
RMC AT BHT: .325 OHMM AT 86.0 DEGF
TIME CIRC. STOPPED: 10:30 10 MAR
TIME LOGGER ON STM.: 13:20 10 MAR
MAX. REC. TEMP: 86.0 DEGF
LOGGING UNIT NO: 3057
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: POTTERS
CHECKED BY: WERTICH

REMARKS:
800 PPM CL-
1.5" STANDOFFS USED ON DUAL INDUCTION
2 CMZ'S USED ON SONIC FOR CENTRALIZATION

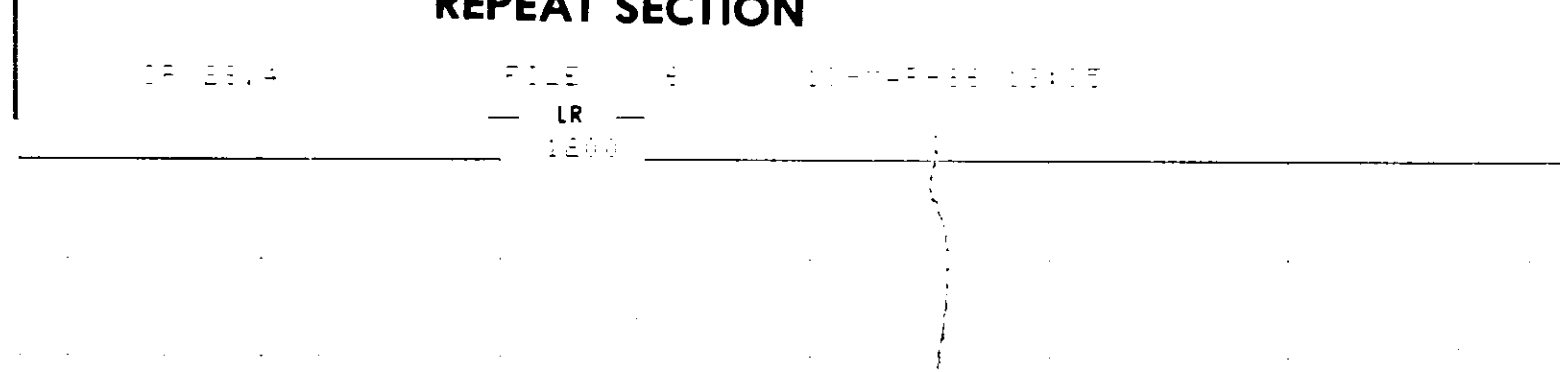
EQUIPMENT NUMBERS-
DIS-EC 567 DIC-DA 552 MCD-DA 1237 SLS-DC 246
SLS-FA 1321 SGC-JAH 581 IEM-BD 162 SLM-DA 448
MLM-EC 202

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 OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

CP 28.4 FILE 7 10-MAR-86 14:06
DATA ACQUIRED 10-MAR-86 13:48

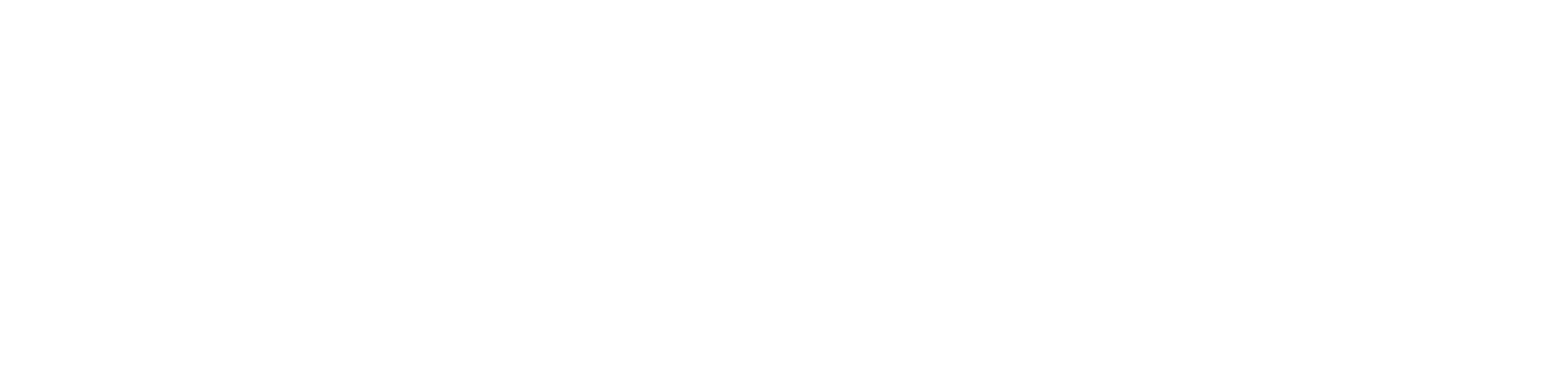
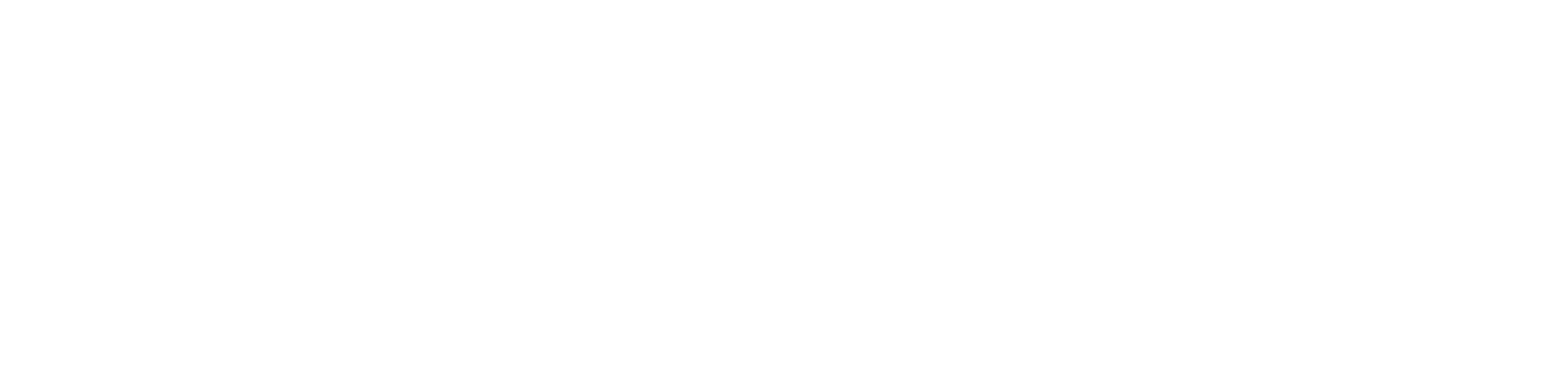
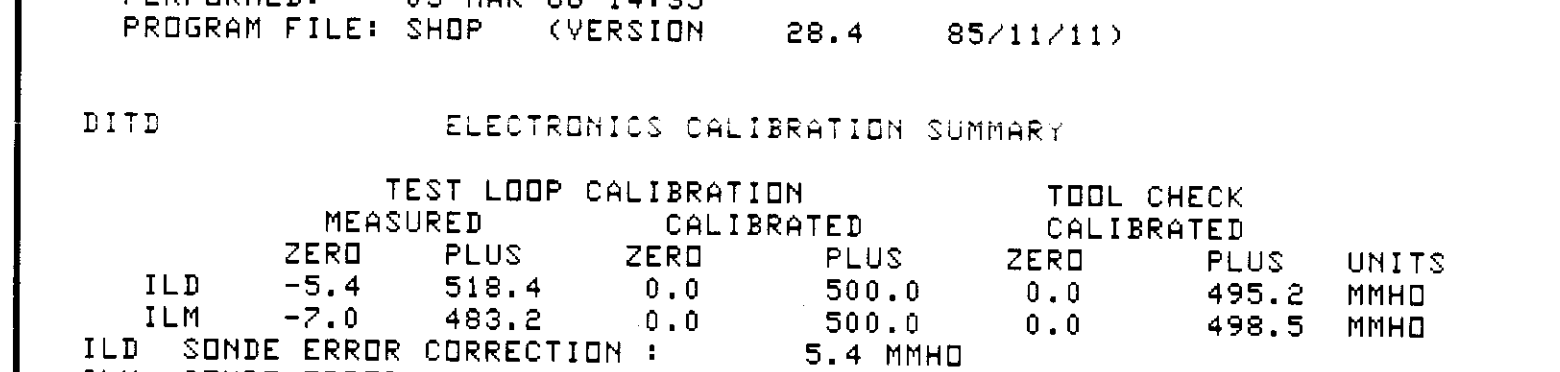
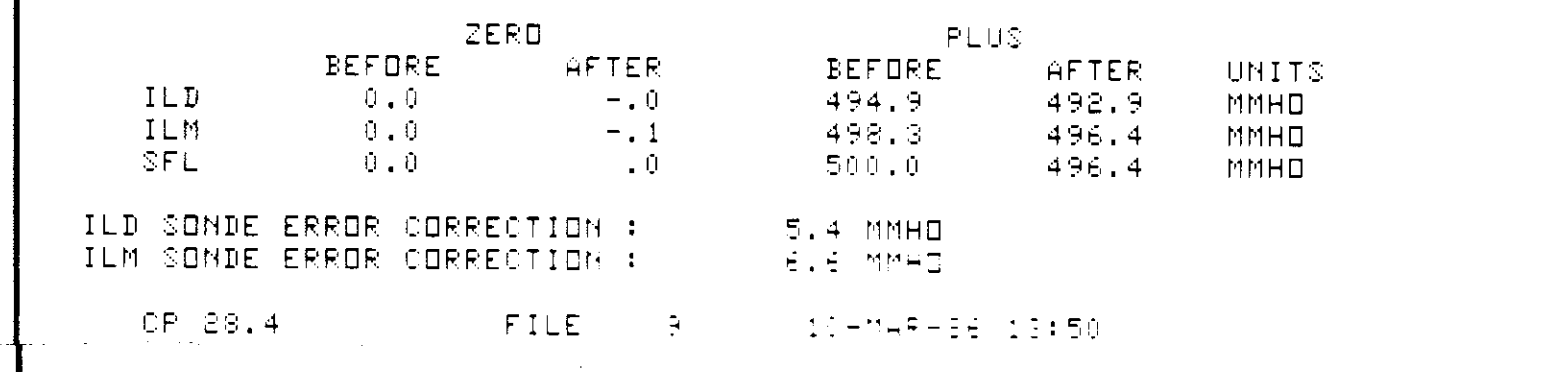
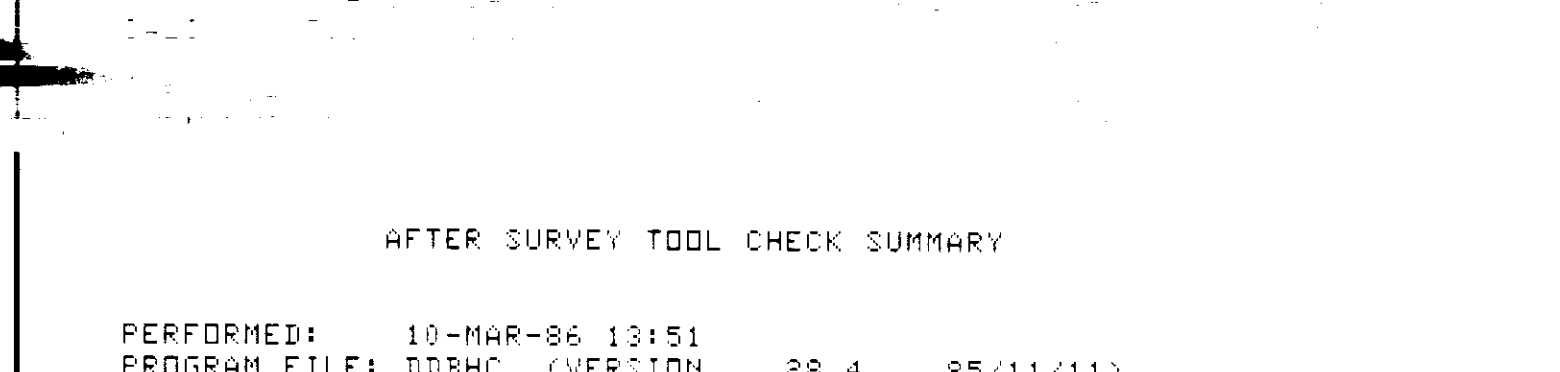
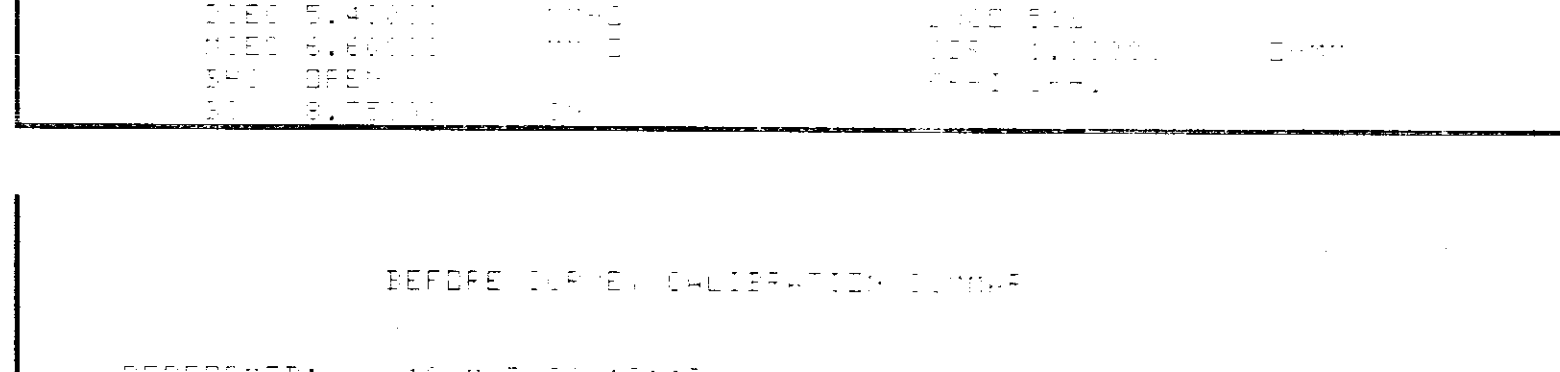
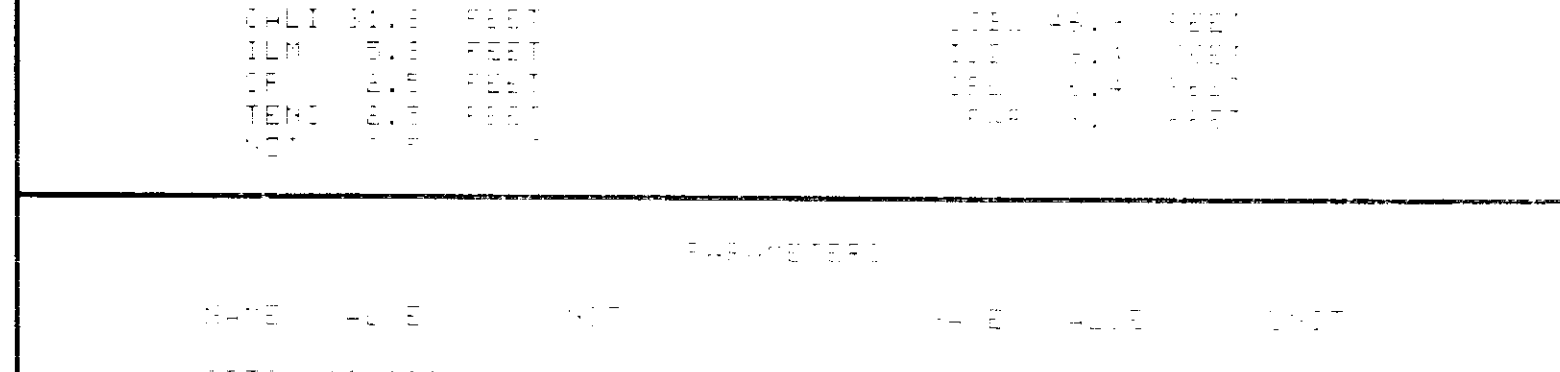
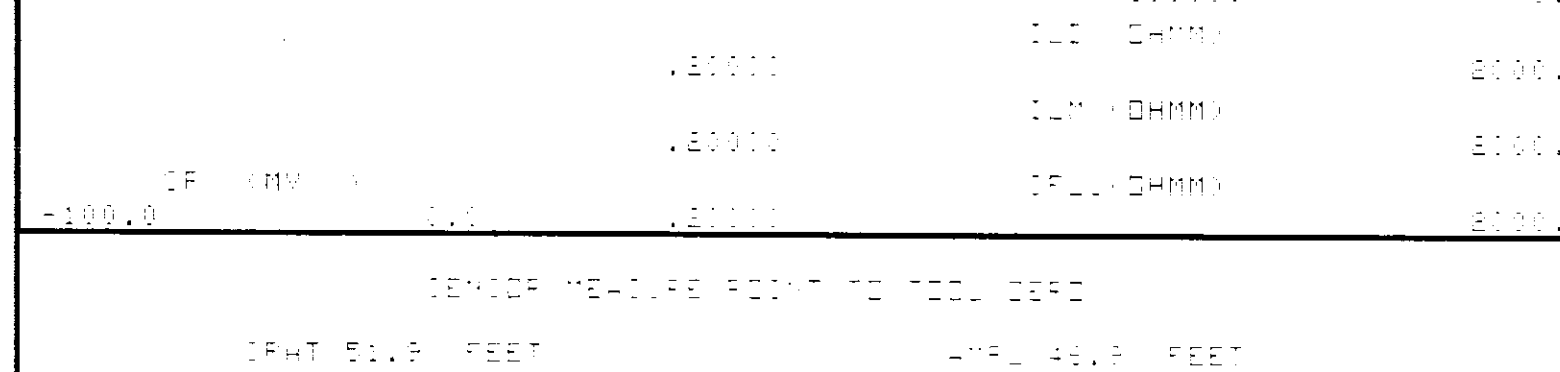
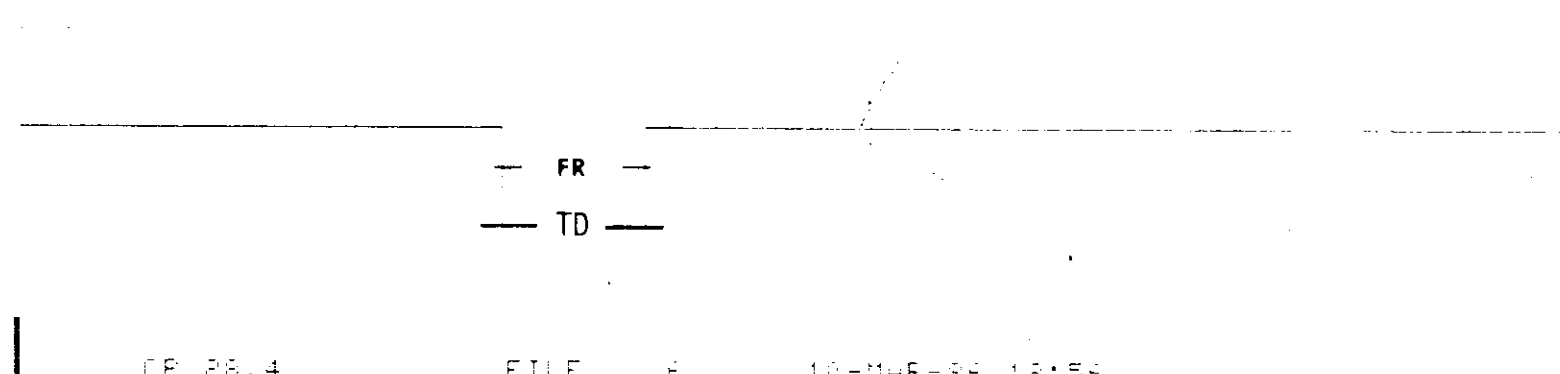
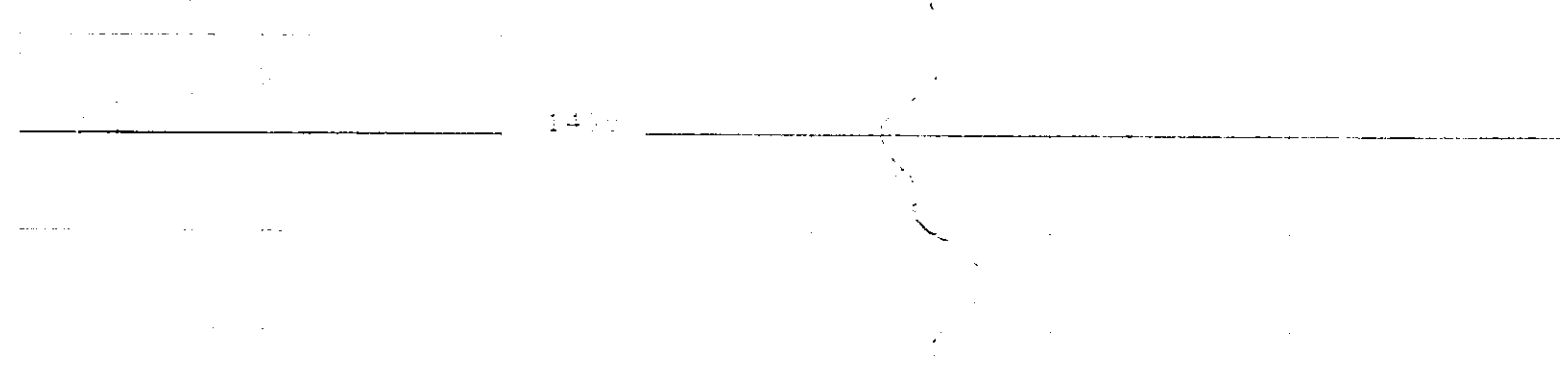
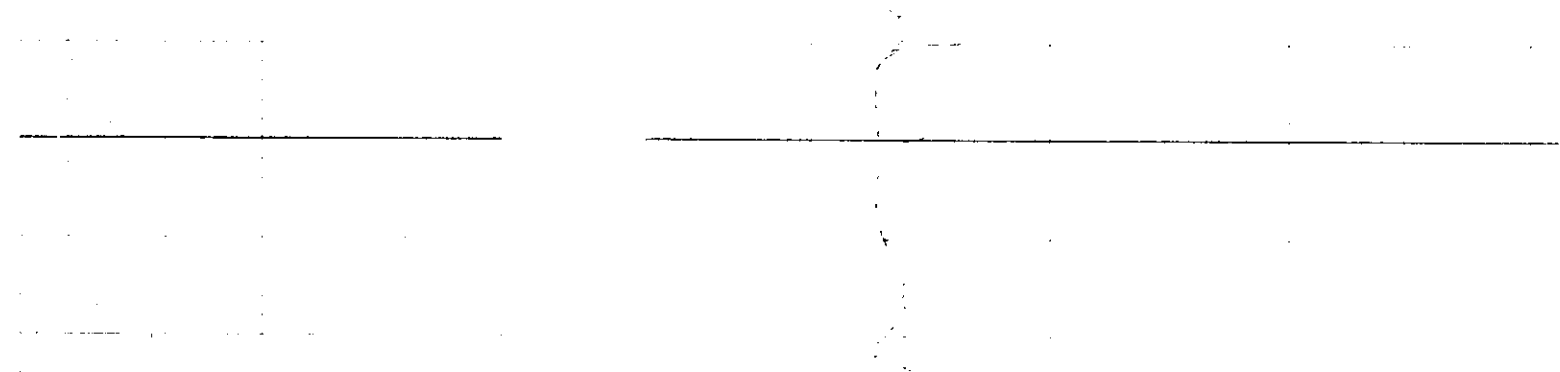


CP 28.4 FILE 7 10-MAR-86 13:19



SENSDR MEASURE POINT TO TOOL ZERO
SRAT 51.9 FEET AMPL 46.9 FEET
TT1 47.9 FEET CBL 46.9 FEET
TT2 46.9 FEET TT2 46.9 FEET
TT3 46.9 FEET TT3 46.9 FEET
TT4 45.9 FEET TT4 45.9 FEET
SLTT 46.9 FEET TT 46.9 FEET
CALI 31.8 FEET SCBL 46.9 FEET
ILM 5.8 FEET ILD 9.4 FEET
SP 2.5 FEET SFL 6.4 FEET
TENS 2.5 FEET SFR 2.5 FEET
NDIS 2.5 FEET

PARAMETERS table with columns NAME, VALUE, UNIT, NAME, VALUE, UNIT



BEFORE SURVEY CALIBRATION SUMMARY
PERFORMED: 10-MAR-86 13:19
PROGRAM FILE: DDHC (VERSION 28.4 85/11/11)

DITD ELECTRONIC CALIBRATION SUMMARY table with columns MEASURED, ZERO, PLUS, ZERO, PLUS, UNITS

AFTER SURVEY TOOL CHECK SUMMARY
PERFORMED: 10-MAR-86 13:51
PROGRAM FILE: DDHC (VERSION 28.4 85/11/11)

DITD TOOL CHECK table with columns BEFORE, ZERO, AFTER, BEFORE, AFTER, UNITS

SHDP SUMMARY
PERFORMED: 05-MAR-86 14:35
PROGRAM FILE: SHDP (VERSION 28.4 85/11/11)

DITD ELECTRONIC CALIBRATION SUMMARY table with columns MEASURED, ZERO, PLUS, ZERO, PLUS, UNITS