

INSTRUMENT SPECIFICATIONS AND PARAMETERS

Digital Recorder System: S.D.S. 1010

Amplifiers: Preston, model GAU-72

Tape System: Plotter tape deck DT-5
Tape transport, model PF-28

Tape Specifications: Manufacturer - Memorex
Bits per inch - 800
Length - 2,400 feet
Width - $\frac{1}{2}$ inch
Reel diameter - 10 inches

Section Plotter: Raytheon Precision Depth
Recorder model 193-4
Amplifier TFA-1
Filter - Cp
AGC - Fast

Monitor Camera: Western Geophysical Company
W-1

Digital System Parameters:

Digital Channel assignment

Channel 1 - 24 Data channels
25 Timing word
26 Auxiliary - not used
27 Auxiliary - not used
28 Water breaks
29 Time breaks
30 Timing (100 Hz from Fork)

Sample rate : 2 milliseconds
Release length : Fast - 200 db/sec.
Record length : 6 seconds
High cut filter: High - 100 Hz
Low cut filter : Low - 10 Hz
Early gain : 60 db
Minimum gain : 32 db
Gain range : 90 db