

SCHLUMBERGER DUAL INDUCTION - LATEROLOG

COUNTY DONA ANA
 FIELD or LOCATION WATER WELL
 WELL SMR-4
 COMPANY BOYD & SON DRILLING CO.
 COMPANY BOYD & SON DRILLING CO.
 WELL SMR-4
 FIELD WATER WELL
 COUNTY DONA ANA STATE NEW MEXICO
 LOCATION SE/4 SE/4 SW/4 Other Services: PML
 Sec. 20 Twp. 21-S Rge. 5-E

Permanent Datum: G.L., , Elev. 4210
 Log Measured From R.T., 4 Ft. Above Perm. Datum Elev.: K.B. 4214
 Drilling Measured From R.T. D.F. G.L. 4210

Date 11-17-18-67
 Run No. ONE
 Depth-Driller 1010
 Depth-Logger 1014
 Btm. Log Interval 1010
 Top Log Interval 0
 Casing-Driller NONE @ @ @ @
 Casing-Logger NONE
 Bit Size 12 1/4, 7 7/8
 Type Fluid in Hole FRESH MUD

Dens. Visc. 40
 pH Fluid Loss 9 ml ml ml ml
 Source of Sample PIT
 R_m @ Meas. Temp. 5.67 @ 68 °F @ °F @ °F @ °F
 R_{mf} @ Meas. Temp. 4.12 @ 63 °F @ °F @ °F @ °F
 R_{mc} @ Meas. Temp. @ °F @ °F @ °F @ °F
 Source: R_{mf} R_{mc} M @ °F @ °F @ °F @ °F
 R_m @ BHT @ °F @ °F @ °F @ °F
 Time Since Circ.
 Max. Rec. Temp. °F °F °F °F
 Equip. Location 3720 HOBBS
 Recorded By FREEMAN
 Witnessed By BOYD

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

REMARKS

Changes in Mud Type or Additional Samples
 Date Sample No.
 Depth-Driller
 Type Fluid in Hole

Scale Changes	Scale Up Hole	Scale Down Hole
Type Log	Depth	Tool Type
Run No.	Run No.	Tool Position
Other		

Check one, filling in blanks where applicable:
 Surface determined sonde errors used for ILM and ILD.
 ILM and ILD sonde errors corrected for borehole signal at R_m.
 ILM and ILD zeros set in hole at depth of feet.

C.D.: USED S.O.: 1 1/2
 Equip. Used Cart No. DIC-B-56
 Panel No. DIP-A-114
 Sonde No. DIS-B-76
 IAP No. 73
 SBR

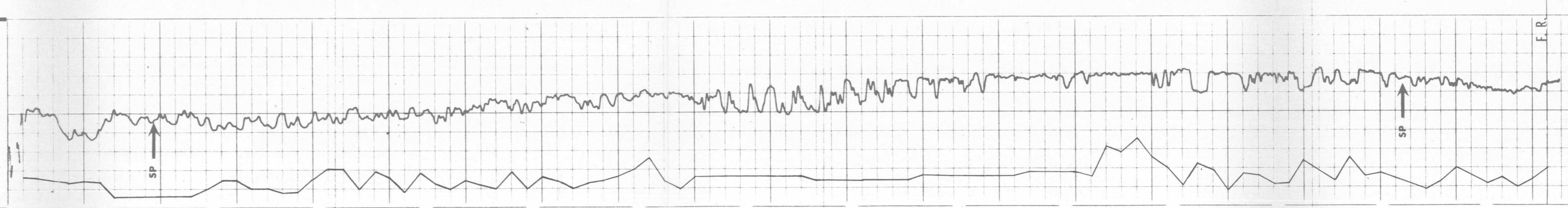
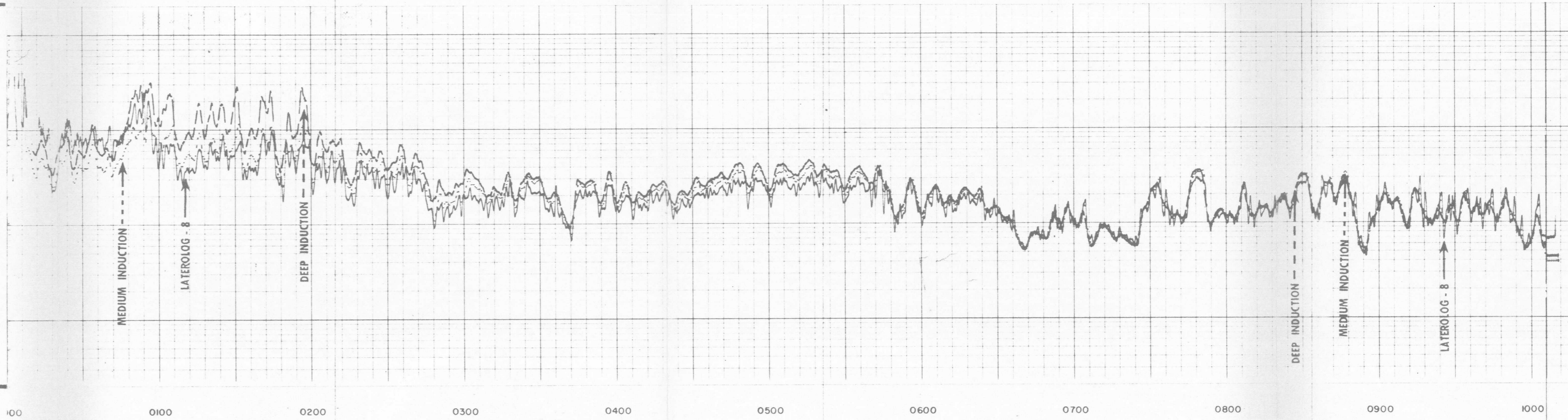
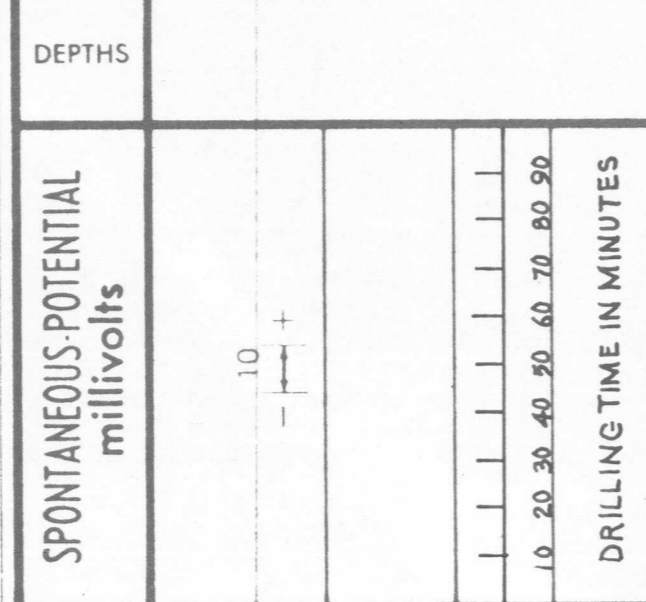
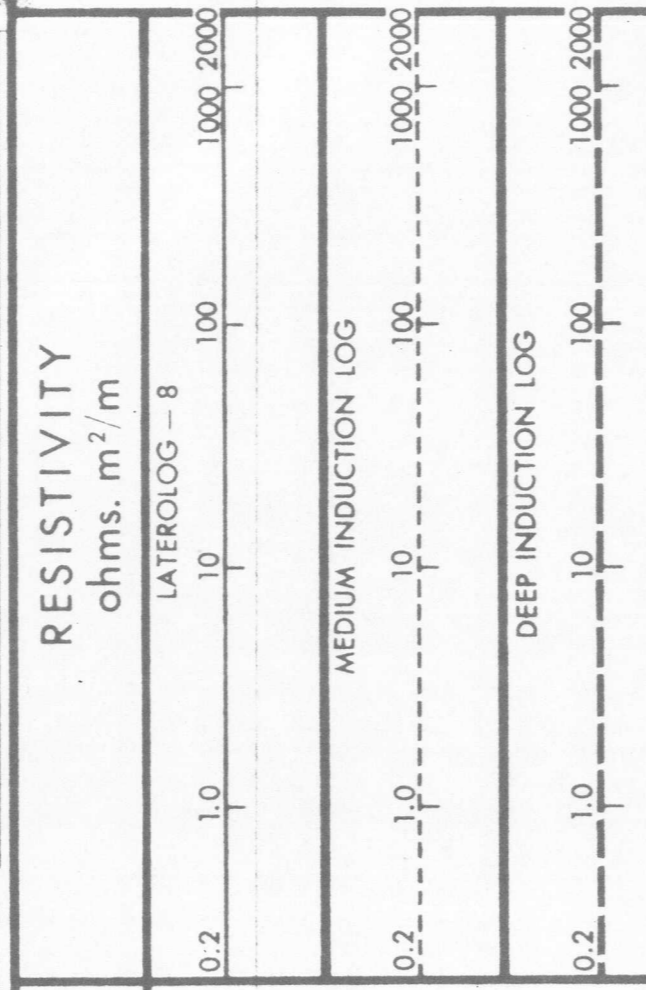


Figure 3a.--Dual induction laterolog of test well SMR-4, White Sands Missile Range, Dona Ana County, N. Mex.