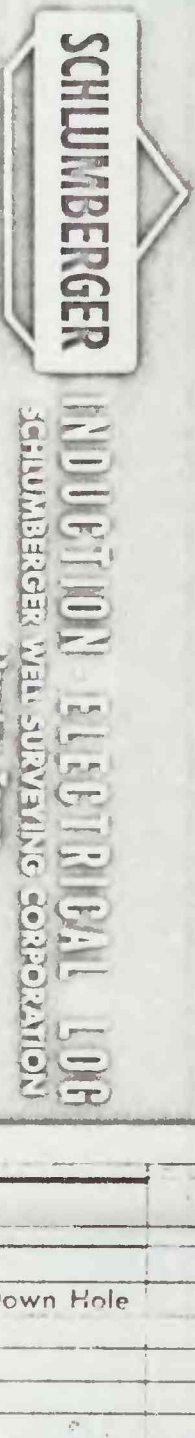


Figure 1a.--Electric logs of MAR wells.

68-87



Well MAR 1 (19.5.17.331) Electrical Induction Log

COUNTY DONA ANA
FIELD or LOCATION WATER WELL
WELL MAR WATER SUPPLY
FIELD WATER WELL

COMPANY WHITE SANDS MISSILE RANGE
CORP. OF ENGINEERS

COUNTY DONA ANA STATE NEW MEXICO
LOCATION

Sec. 17 Twp. 19S. Rge. 5E
Elev.: K.B. _____
D.F. _____
G.L. 4132

Perment Datum: GL
Log Measured from: 0 Ft. Above Perm. Datum
Drilling Measured from: 9-21-63

Date: ONE
Run No.: 650
Depth-Driller: 650
Depth-Logger: 649
Btm. Log Interval: 10' @ 10'
Casing-Logger: 10'

Bit Size: 10 1/2
Type Fluid in Hole: AQUA GEL

Dens. _____
Visc. _____
pH _____
Fluid Loss _____
Source of Sample _____
R_m @ Meas. Temp. _____
R_{at} @ Meas. Temp. _____
R_{at} @ Meas. Temp. _____
Source: R_m _____
R_m @ BHT _____
R_{at} @ BHT _____
R_{at} @ BHT _____

Time Since Circ. 1 1/2 HOURS
Max. Acc. Temp. 37.01 HOBBS
Elev. Location 4132
Witnessed by DOTY

REMARKS

Changes in Mud Type or Additional Samples

Date Sample No. _____

Depth-Driller _____

Type Fluid in Hole _____

Dens. _____ Visc. _____

ph _____ Fluid Loss _____

Source of Sample _____

R_m @ Meas. Temp. _____

R_{at} @ Meas. Temp. _____

R_{at} @ Meas. Temp. _____

Source: R_m _____

R_m @ BHT _____

R_{at} @ BHT _____

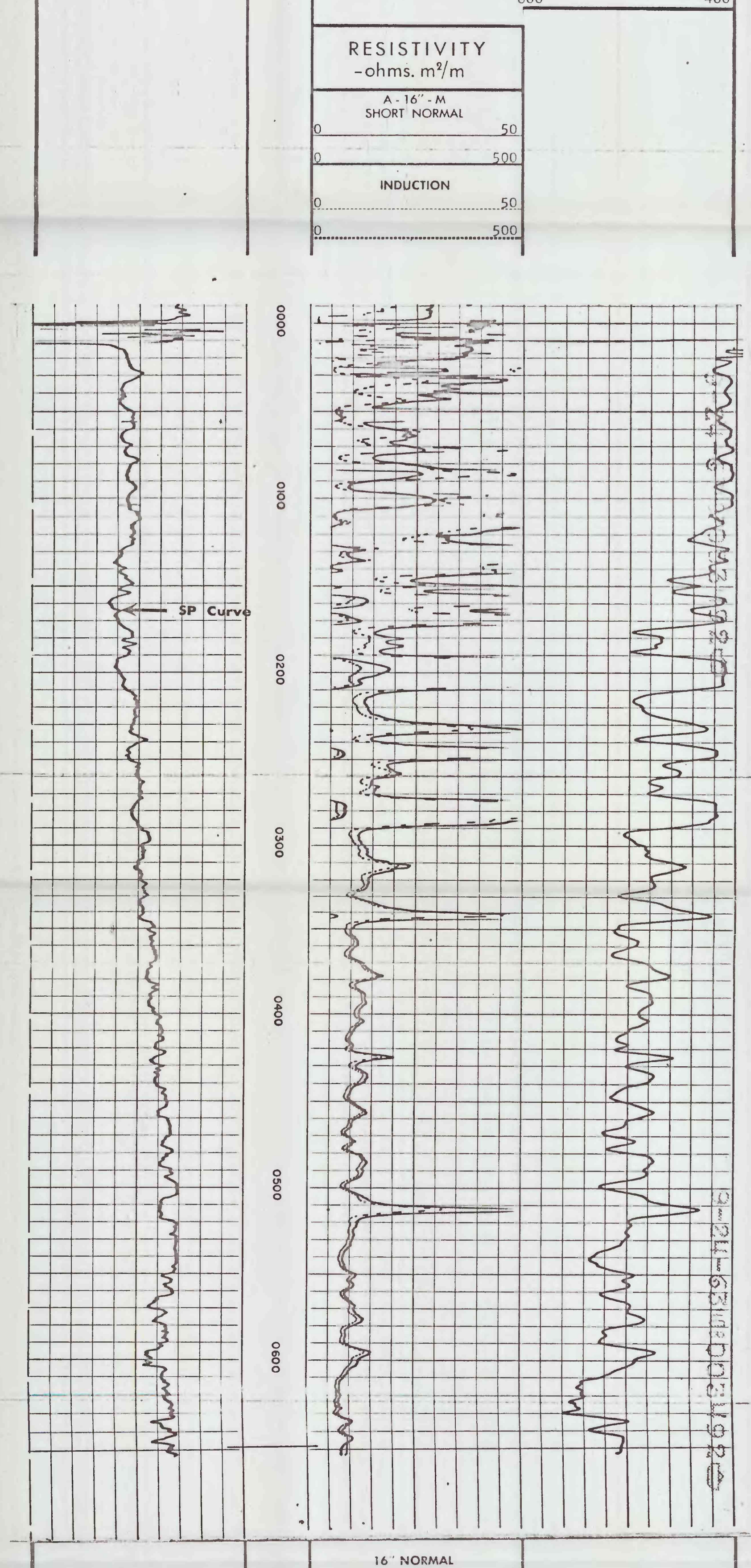
R_{at} @ BHT _____

C.D.: YES S.O.: 1 1/2"

Equip. Used: CART No. XZ

PANEL No. 62

SONDE No. 308



16" NORMAL

0 50

0 500

INDUCTION

0 50

0 500

RESISTIVITY -ohms. m²/m

INDUCTION

400 200 0

600 400

SPONTANEOUS-POTENTIAL millivolts

DEPTHS

CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms. m}^2/\text{m}}$

COMPANY WHITE SANDS MISSILE RANGE CORP OF ENGINEERS

WELL MAR WATER SUPPLY

FIELD WATER WELL

COUNTY DONA ANA STATE NEW MEXICO

SWSC FR 649

SWSC TD 650

DRIR TD 650

Elev. _____

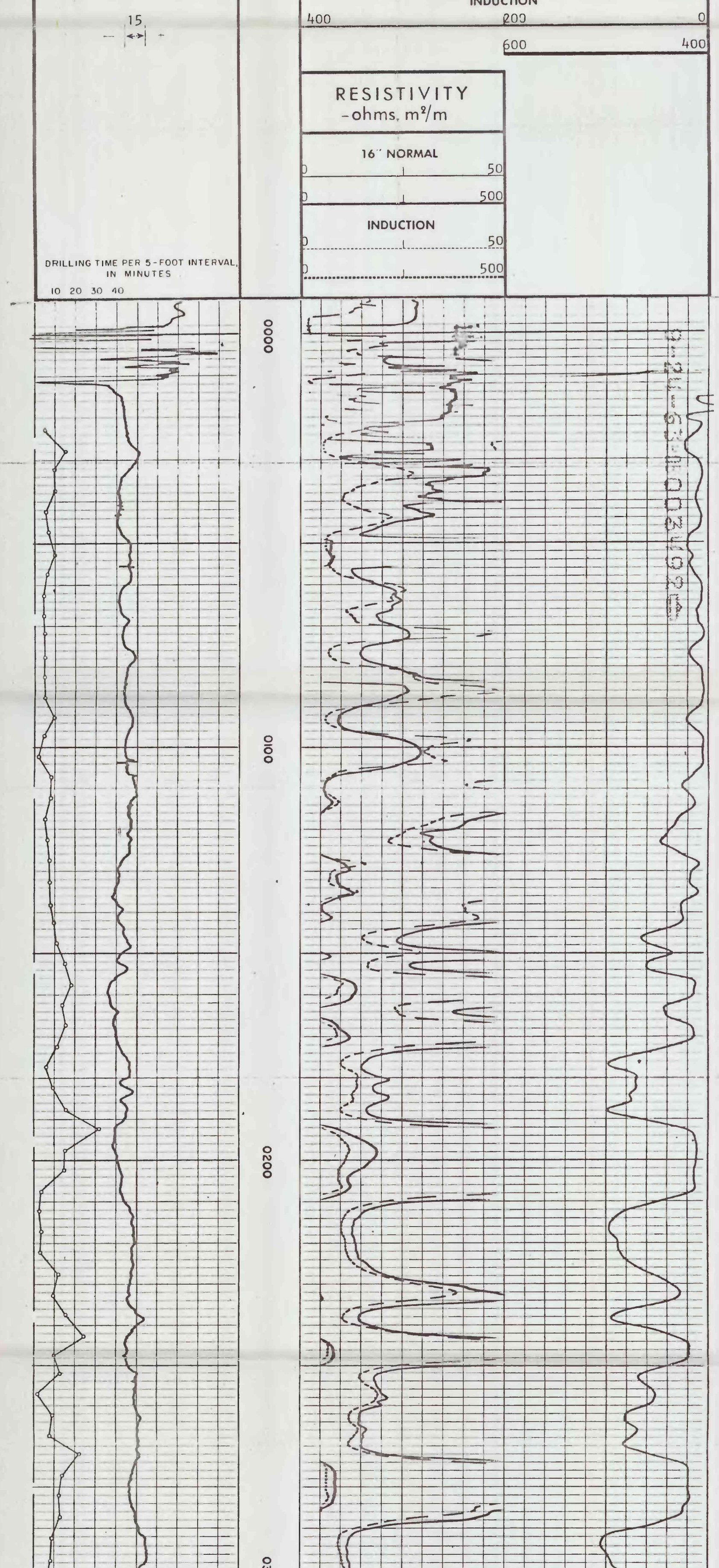
KB _____

DF _____

GL 4132

DETAIL LOG

5" = 100'



16" NORMAL

0 50

0 500

INDUCTION

0 50

0 500

RESISTIVITY -ohms. m²/m

INDUCTION

400 200 0

600 400

SPONTANEOUS-POTENTIAL millivolts

DEPTHS

CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms. m}^2/\text{m}}$

COMPANY WHITE SANDS MISSILE RANGE CORP OF ENGINEERS

WELL MAR WATER SUPPLY

FIELD WATER WELL

COUNTY DONA ANA STATE NEW MEXICO

SWSC FR 649

SWSC TD 650

DRIR TD 650

Elev. _____

KB _____

DF _____

GL 4132