SCHLUMBERGER

INDUCTION ELECTRICAL LOG

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY OTERO
FIELD or LOCATION WATER WELL
WELL I.R.M. GREGG SITE
1
COMPANY BOYD AND SON DRILLING COMPANY

COMPANY BOYD AND SON DRILLING CO.
WELL I.R.M. GREGG SITE
#1
FIELD WATER WELL
LOCATION SEC. 8-22S-6E
COUNTY OTERO
STATE NEW MEXICO

Other Surveys
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Location of Well
SW 1/4
22.6.8.414

Elevation: D.F.:
GH K.B.:
EST. or G.L.: 4020

FILING No.

RUN No.	1				
Date	8-12-61				
First Reading	1008				
Last Reading	100				
Feet Measured	908				
Csg. Schlum.	--				
Csg. Driller	40				
Depth Reached	1009				
Bottom Driller	1010				
Depth Datum	ZERO=1' ABOVE GL				
Mud Nat.	AQUAGEL-BENTONITE-NATURAL				
Dens. Visc.	- -				
Mud Resist.	2.81 @ 81 F	@ F	@ F	@ F	@ F
" Res. BHT	2.75 @ 83 F	@ F	@ F	@ F	@ F
Rmf	2.36 @ 79 F	@ F	@ F	@ F	@ F
Rmc	3.44 @ 79 F	@ F	@ F	@ F	@ F
" pH	-- @ F	@ F	@ F	@ F	@ F
" Wtr. Loss	-- CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Bit Size	8 3/4"				
Spcgs.—AM	16"				
MN	34'6"				
IND.	40"				
Opr. Rig Time	2 HOURS				
Truck No.	1555-ARTESIA				
Recorded By	HURST				
Witness	BOYD & HOOD				

FOLD HERE

REMARKS C.D. USED ; S.O. 1 1/2"

Cartridge No. IRC-C-241 SBR=1 DRILLING WATER RESISTIVITY IS 25.0 AT 80^0F.
Panel No. IRP-B-210
Sonde No. IRS-E-151

SPONTANEOUS-POTENTIAL
millivolts

— |10| —

DEPTHS

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

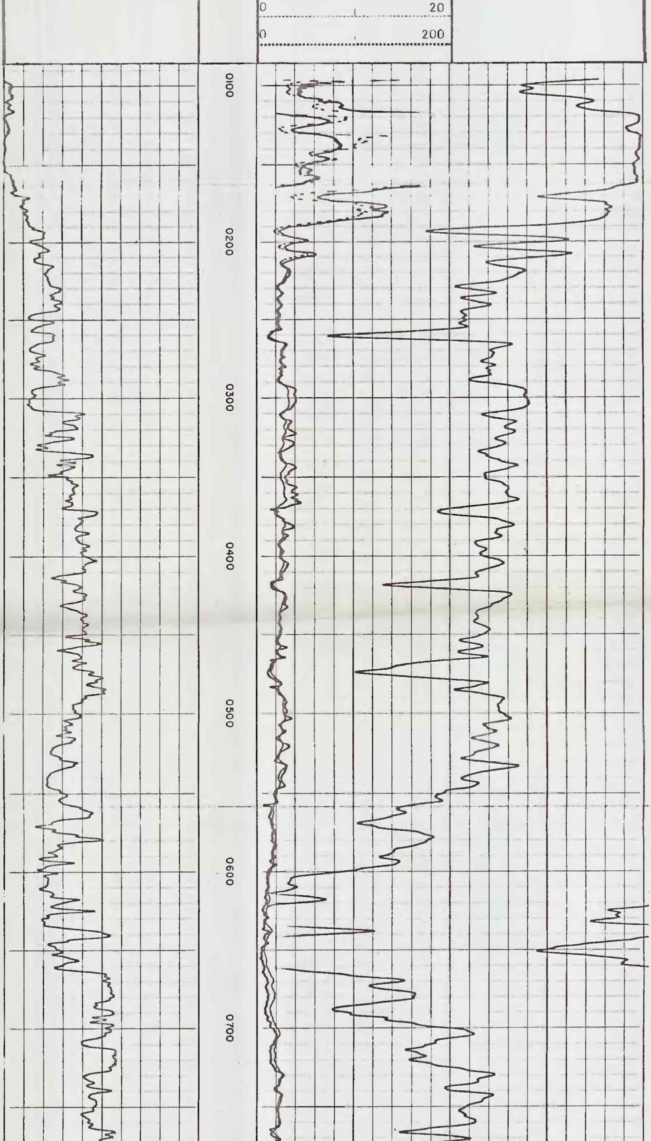
INDUCTION
1000 500 0
1500 1000

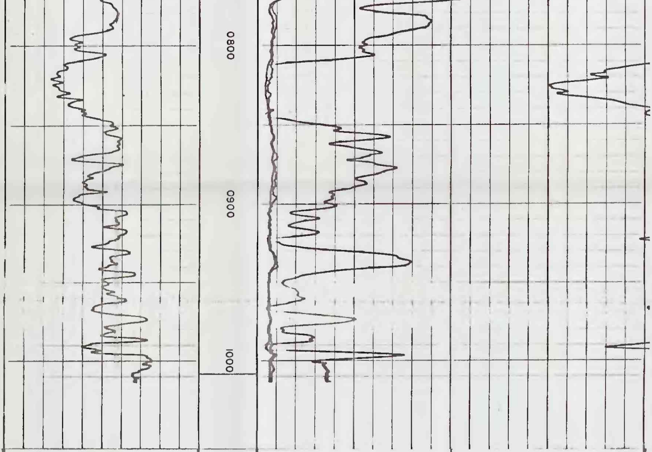
RESISTIVITY
-ohms. m^2/m

16" NORMAL
0 20
0 200

INDUCTION

Figure 8.--Induction-Electric log of Gregg test well (22.6.8.414), White Sands Missile Range, N. Mex.





16 NORMAL

0 20

0 200

INDUCTION

0 20

0 200

RESISTIVITY
-ohms. m²/m

INDUCTION

1000 500 0

1500 1000

10

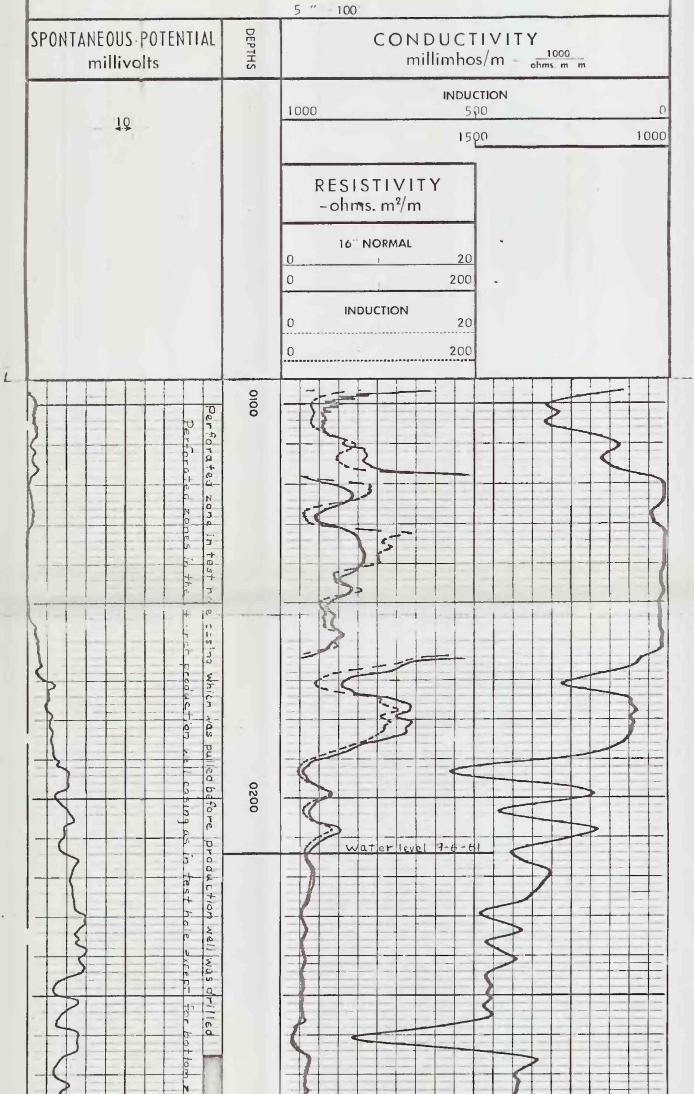
SPONTANEOUS-POTENTIAL
millivolts

DEPTHS

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

COMPANY	BOYD & SON DRILLING CO.	SWSC FR	1008
WELL	I. R. H. GREGG SITE 1	SWSC TD	1009
FIELD	WATER WELL	DRLR TD	1010
COUNTY	OTERO STATE NEW MEXICO	Elev:	
		KB	
		DF	
		EST. GL	4020

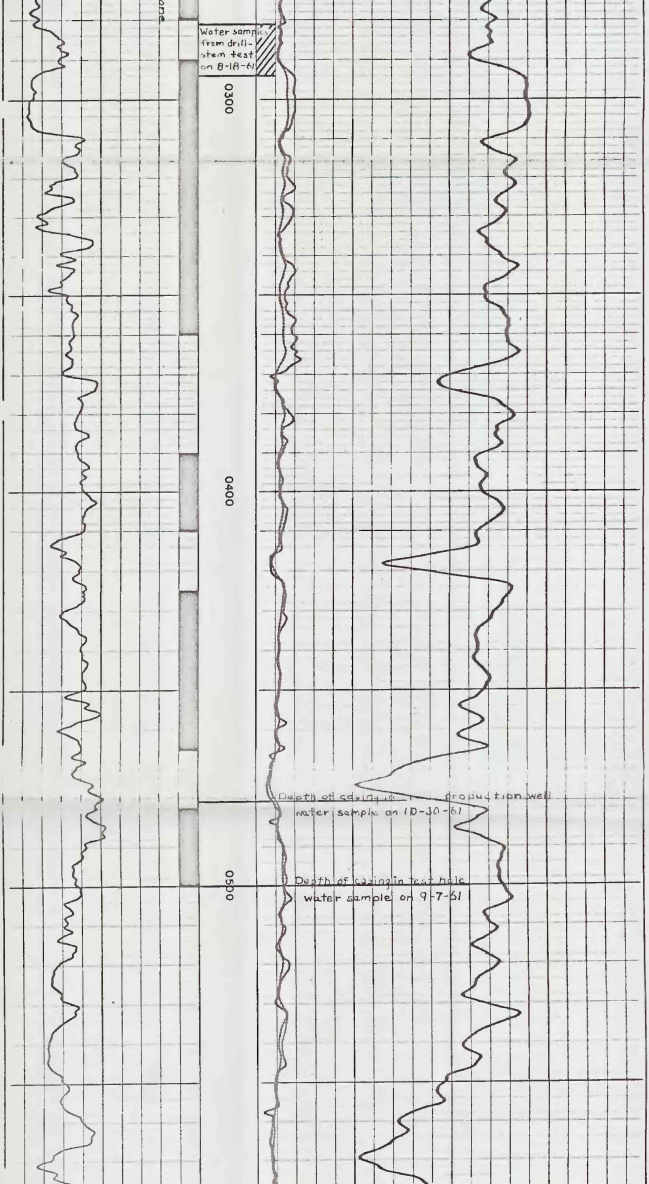
DETAIL LOG

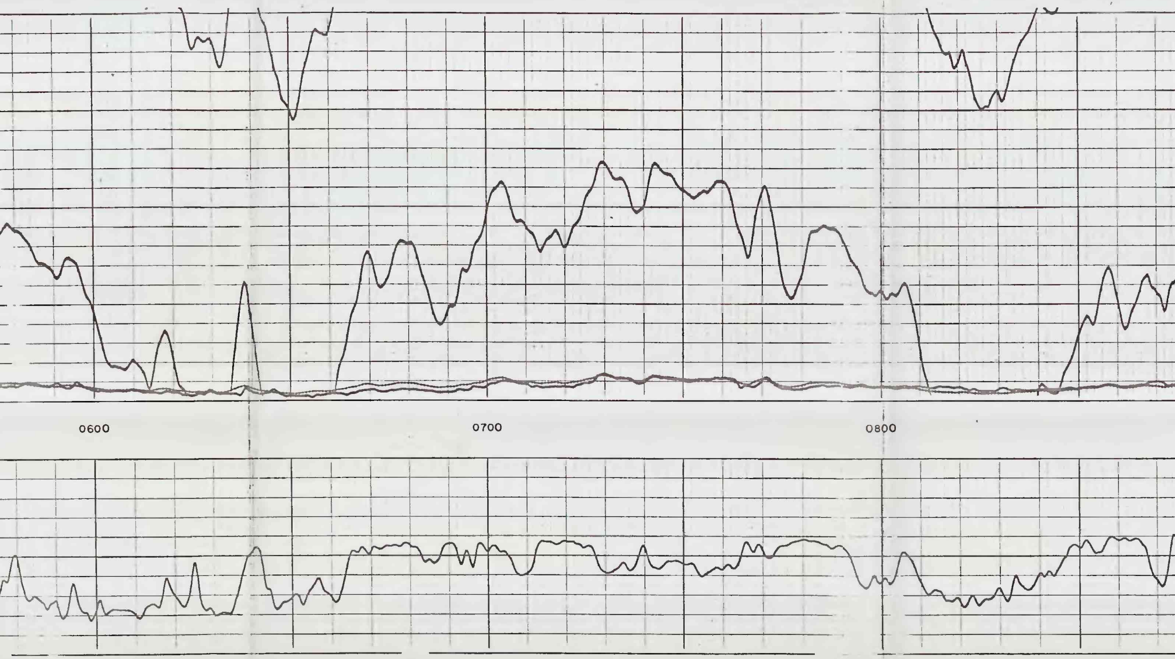


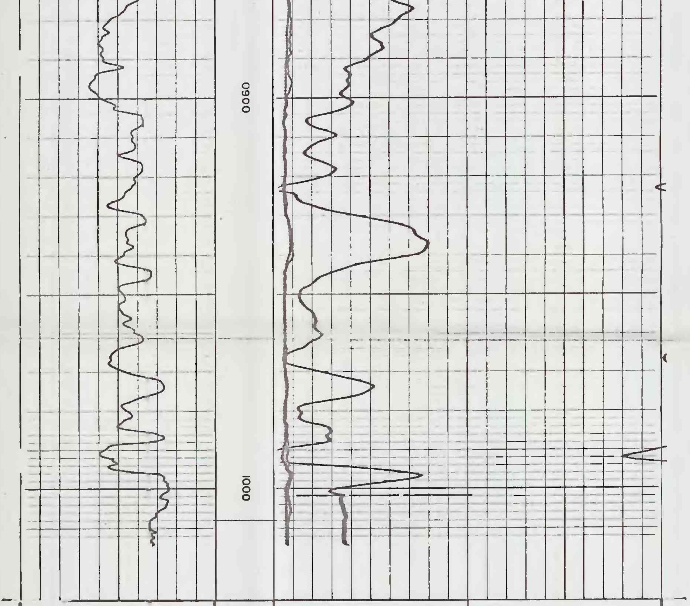
Perforated zone in test hole casing which was pulled before production well was drilled

Perforated zones in the [illegible] production well casing as in test hole except for bottom z

Water level 7-6-61







16 NORMAL
0 20
0 200

INDUCTION
0 20
0 200

RESISTIVITY
-ohms. m²/m

INDUCTION
1000 500 0
1500 1000

10

SPONTANEOUS-POTENTIAL
millivolts

DEPTHS

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

COMPANY	BOYD & SON DRILLING CO.	SWSC FR	1008
WELL	I. R. M. GREGG SITE #1	SWSC TD	1009
FIELD	WATER WELL	DRLR TD	1010
		Elev:	
		KB	
		DF	
COUNTY	OTERO STATE NEW MEXICO	EST. GL	4020

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