Table 3.--Electric logs - Continued

Well 19.5.28.443 (MAR 2) Induction-electric log

WELEX

INDUCTION • ELECTRIC LOG

COMPANY Cass Drilling Co.
WELL Zmar Test Well # 2
FIELD Wildcat
County Dona Ana State N. M.

COMPANY CASS DRILLING COMPANY

WELL ZMAR TEST WELL # 2

FIELD WILDCAT

COUNTY DONA ANA STATE NEW MEXICO

Location SW/4 of SE of SE

Sec. 28 Twp 19-S Rge 5-E

Other Services: Cont-Cal

Permanent Datum Ground Level Elev. 4135 Est

Log Measured From G. L. .0 Ft. Above Perm. Datum

Drilling Measured From Ground Level

Elev.: Est. K.B. D.F. G.L. 4135

Date	5-27-63			
Run No.	- One -			
Depth—Driller	749			
Depth—Welex	723			
Btm. Log Inter.	719			
Top Log Inter.	114			
Casing—Driller	10-3/4" @ 117	@	@	@
Casing—Welex	114			
Bit Size	8-3/4"			
Type Fluid in Hole	Mud Clay Base, Gel, Driscose			
Dens. | Visc.	9.2 |	|	|	|
pH | Fluid Loss	| ml	| ml	| ml	| ml
Source of Sample	Circulated			
R_m @ Meas. Temp.	2.5 @ 80 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.0 @ 80 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	4.1 @ 80 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	Measured	|	|	|
R_m @ BHT	2.5 @ 80 °F	@ °F	@ °F	@ °F
Time Since Circ.	2 Hrs.			
Max. Rec. Temp.	80 °F @ BH	°F @	°F @	°F @
Equip. | Location	3001 | Artesia	|	|	|
Recorded By	P.C.Harris			
Witnessed By	Mr.Cass, Mr.Doty			

Fold Here

REMARKS Ticket: W-29848

Change in Mud Type or Additional Samples

Date | Sample No.	|	|
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.	|	|
ph | Fluid Loss	| ml	|
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} | R_{mc}	Measured	|
R_m @ BHT	2.5 @80 °F	@ °F
R_{mf} BHT	2.0 @80 °F	@ °F
R_{mc} BHT	4.1 @80 °F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

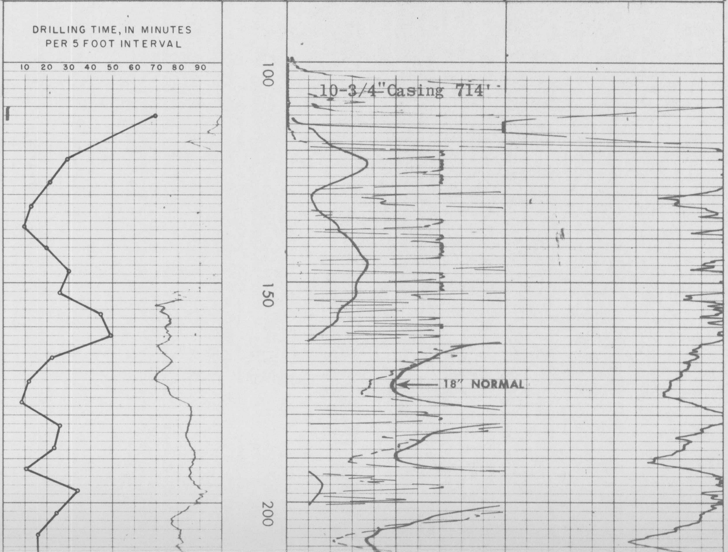
EQUIPMENT DATA

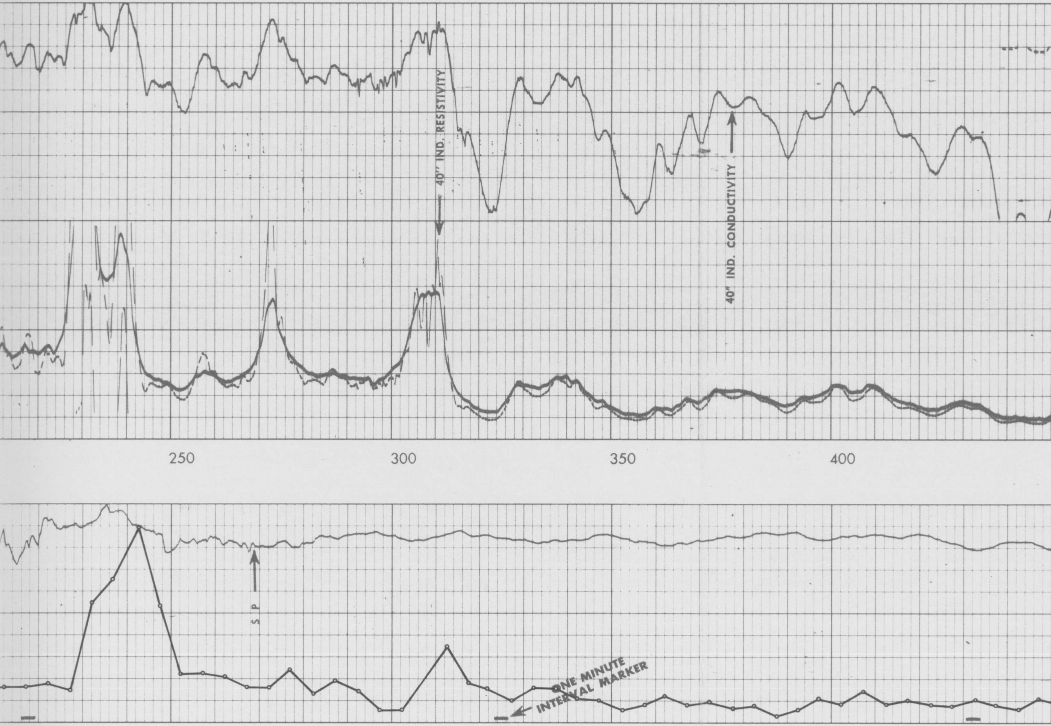
Run No.	Tool Type and No.	Pad Type	Tool Position	Other
- 1 -	5 Coil 40" # 10036			Centralized

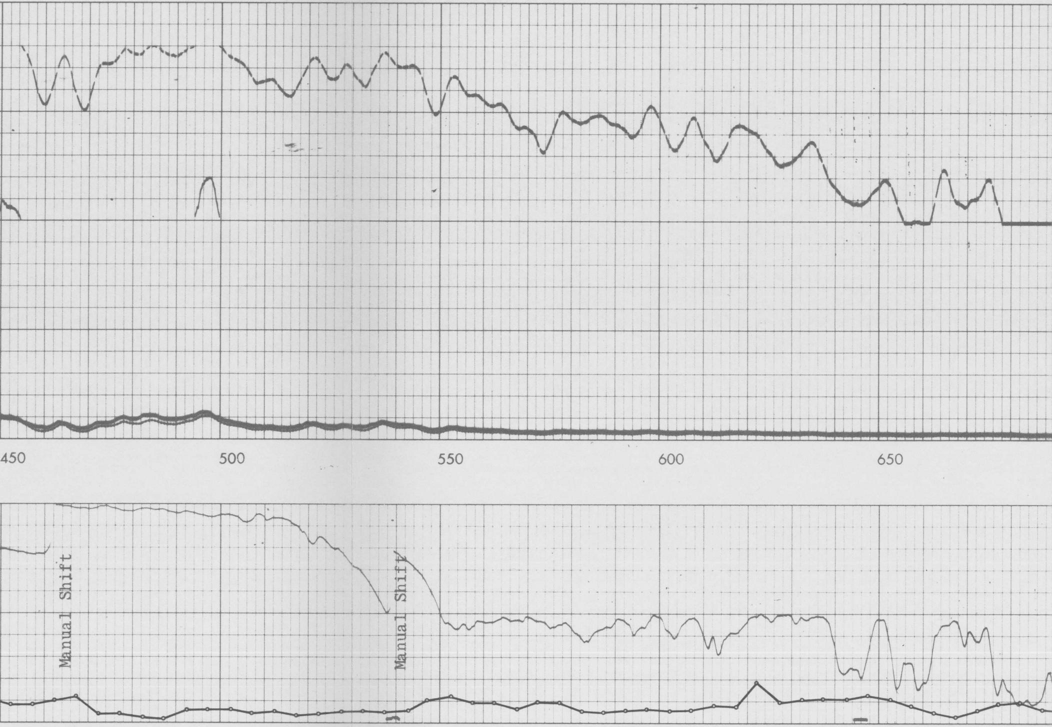
Rw 310' - 7.0
749' - .40

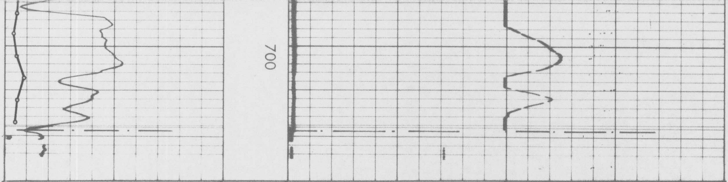
5" — 100'

POTENTIAL MILLIVOLTS		RESISTIVITY OHMS M²/M	CONDUCTIVITY M MHOS/M
→ 10 ← +		0 18" Normal 50	200 Induction 0
Rmf 2.0 at 80 °F.		0 500	1000 0
		0 Induction 50	RESISTIVITY OHMS M²/M
		0 500	









Rmf 2.0 at 80 °F.

→10← +

POTENTIAL MILLIVOLTS

0	Induction	50
0		500
0	18″ Normal	50
0		500

RESISTIVITY OHMS M^2/M

RESISTIVITY OHMS M^2/M

200	Induction	0
1000		0

CONDUCTIVITY M MHOS/M

Cass Drilling Company
Zmar Test Well # 2
Wildcat
Dona Ana County, New Mexico

T.D. LOGGED 719'
T.D. DRILLER 749'
T.D. WELEX 723'