Table 3.--Electric logs - Continued

Well 19.5.28.443 (MAR 2) Contact caliper log

WELEX

CONTACT CALIPER 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: Ind-Elec

Permanent Datum Ground Level Elev. 4135 Est.
Log Measured From G. L. ,0 Ft. Above Perm. Datum
Drilling Measured From Ground Level

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

Date	5-27-63			
Run No.	- One -			
Depth—Driller	749			
Depth—Welex	718			
Btm. Log Inter.	715			
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

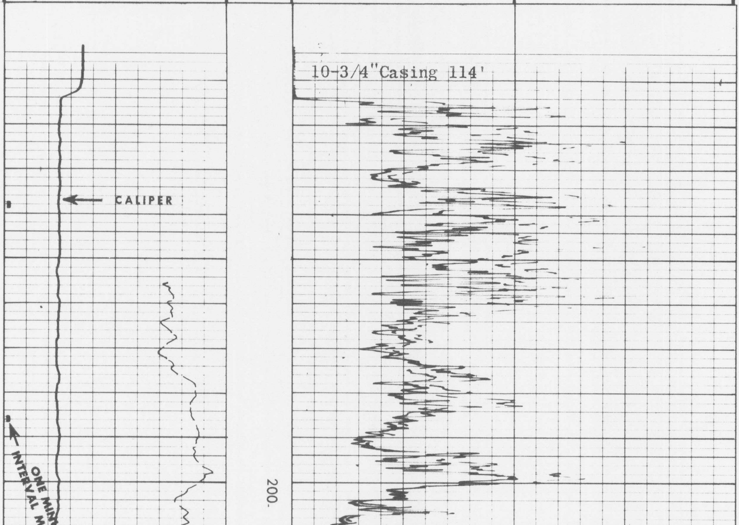
Run No.	Tool Type and No.	Pad Type	Tool Position	Other
- 1 -	Type II	Solid		E-2, M-2, S-4

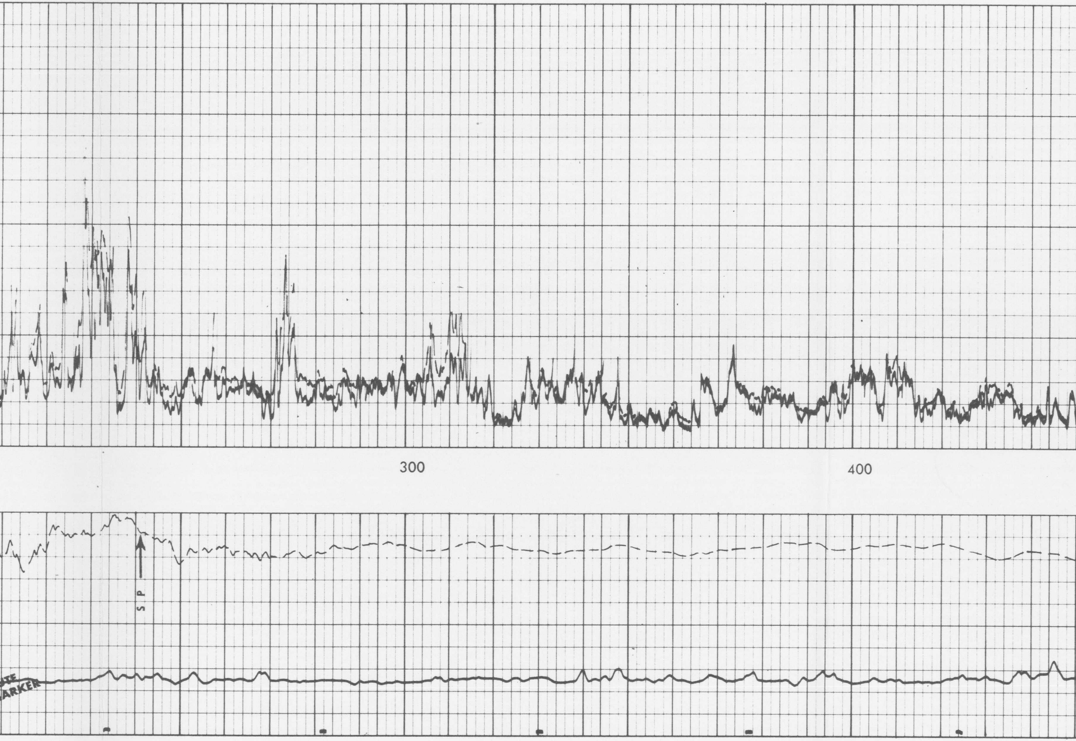
Rw - 310' - 7.0
749' - .40

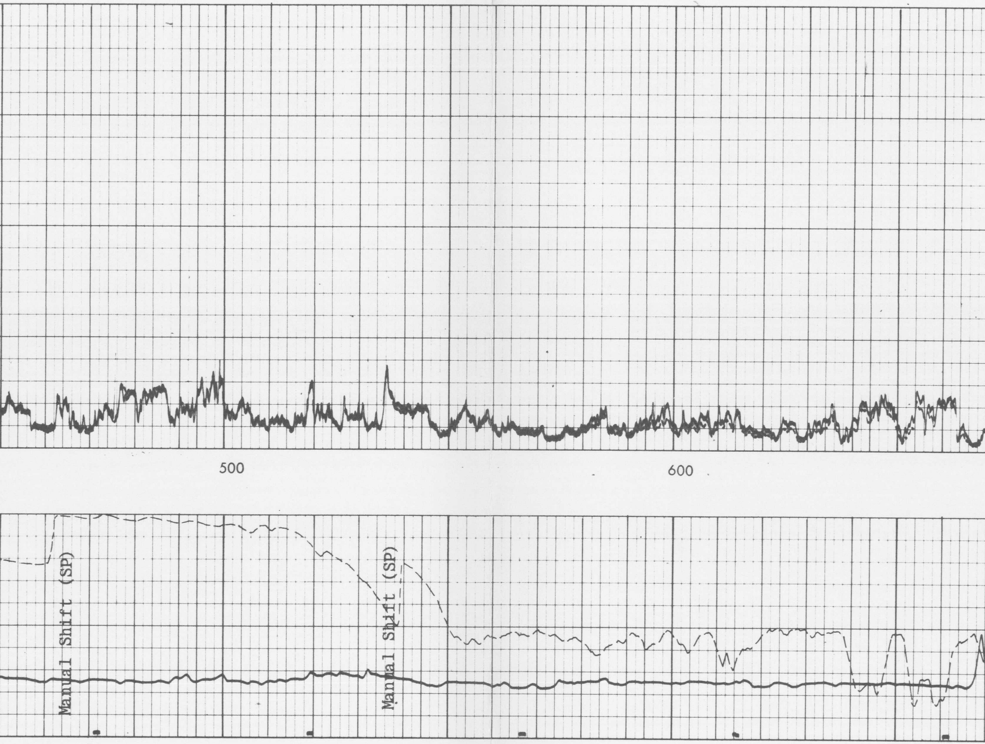
LAHOH__AA 05845

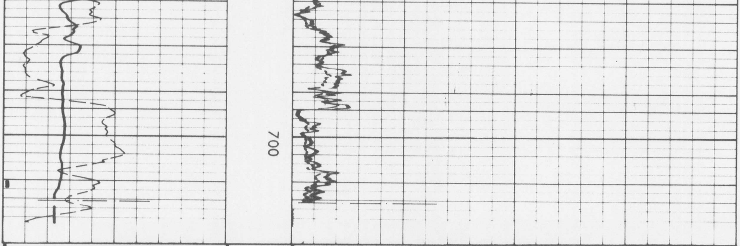
5" 100'

POTENTIAL MILLIVOLTS		RESISTIVITY OHMS M^2/M	RESISTIVITY OHMS M^2/M
− →10← +		0 1.5"Lateral 20	40
Rmf 2.0 at 80 °F.			
6 CALIPER 16 Average Diameter Inches		0 2"Normal 20	40









6 **CALIPER** 16

Average Diameter Inches

Rmf 2.0 at 80 °F.

— →10← +

POTENTIAL MILLIVOLTS

0 1.5"Lateral 20 40

0 2"Normal 20 40

RESISTIVITY OHMS M^2/M **RESISTIVITY OHMS M^2/M**

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

T.D. LOGGED 715'
T.D. DRILLER 749'
T.D. WELEX 718'