Table 3.--Electric logs - Continued

Well 19.5.21.111 (MAR 3) Induction-electric log

WELEX

INDUCTION • ELECTRIC LOG

COMPANY Cass Drilling Company
WELL Zmar Test Well # 3
FIELD Wildcat
County Dona Ana State N. M.

COMPANY CASS DRILLING COMPANY
WELL ZMAR TEST WELL # 3
FIELD WILDCAT
COUNTY DONA ANA STATE NEW MEXICO
Location NW NW NW
Sec. 21 Twp 19-S Rge 5-E
Other Services: Cont-Cal

Permanent Datum Ground Level Elev. 4080 Est.
Log Measured From G. L. ,0 Ft. Above Perm. Datum
Drilling Measured From Ground Level
Elev.: K.B.
D.F.
G.L. 4080 Est.

Date	7-2-63			
Run No.	- One -			
Depth—Driller	750			
Depth—Welex	750			
Btm. Log Inter.	746			
Top Log Inter.	140			
Casing—Driller	None	@	@	@
Casing—Welex	-			
Bit Size	8-3/4"			
Type Fluid in Hole	Clay Base Mud, Gel			
Dens. | Visc.	|	|	|	|
pH | Fluid Loss	| ml	| ml	| ml	| ml
Source of Sample	Pit			
R_m @ Meas. Temp.	3.6 @ 80 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	3.0 @ 80 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	5.2 @ 80 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	Measured	|	|	|
R_m @ BHT	3.6 @ 80 °F	@ °F	@ °F	@ °F
Time Since Circ.				
Max. Rec. Temp.	80 °F @BH	°F @	°F @	°F @
Equip. | Location	3001 | Artesia	|	|	|
Recorded By	P.C.Harris			
Witnessed By	Mr. Cass			

Fold Here

REMARKS Ticket: W-29870

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

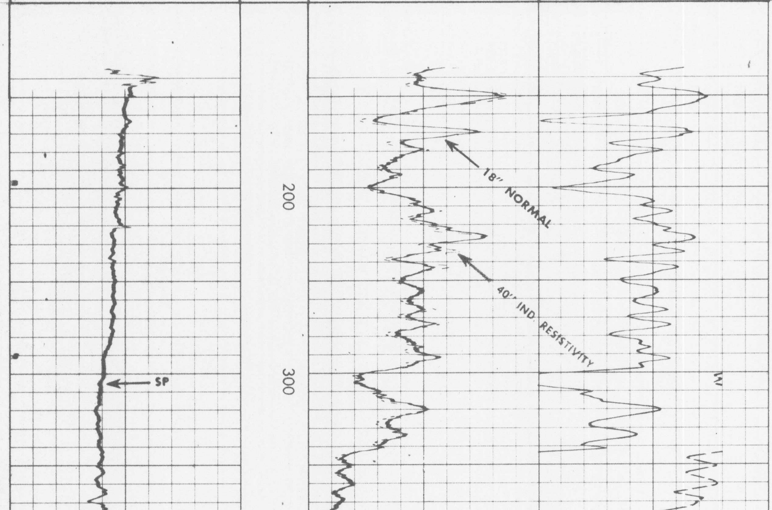
Change in Mud Type or Additional Samples

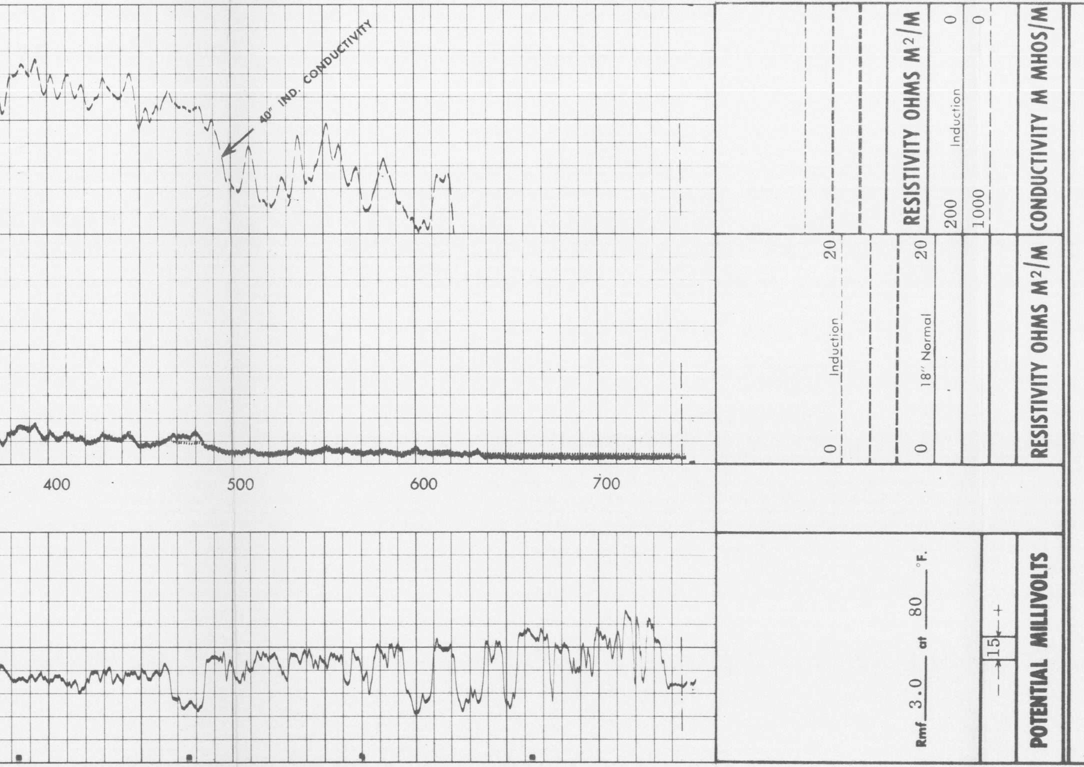
Date | Sample No.	|	
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.	|	|
ph | Fluid Loss	| ml	| ml
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} | R_{mc}	Measured	|
R_m @ BHT	3.6 @ 80 °F	@ °F
R_{mf} BHT	3.0 @ 80 °F	@ °F
R_{mc} BHT	5.2 @ 80 °F	@ °F

LAHOH___AA 05845

2" 100'

POTENTIAL MILLIVOLTS		RESISTIVITY OHMS M^2/M	CONDUCTIVITY M MHOS/M
← 15 → +		0 18" Normal 20	200 Induction 0
Rmf 3.0 at 80 °F.			1000 0
		0 Induction 20	RESISTIVITY OHMS M^2/M





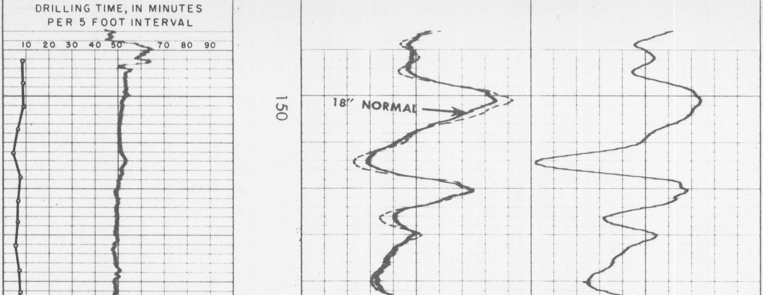
Cass Drilling Company
Zmar Test Well # 3
Wildcat
Dona Ana County, New Mexico

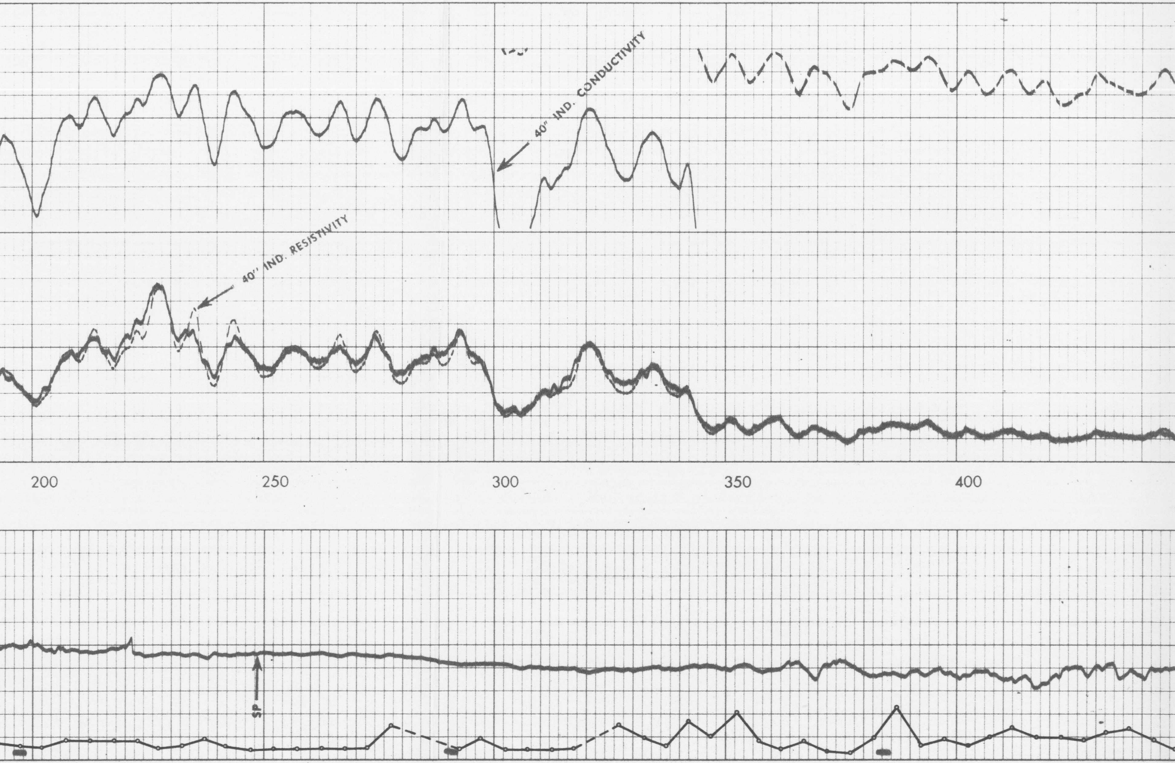
T.D. LOGGED 746'
T.D. DRILLER 750'
T.D. WELEX 750'

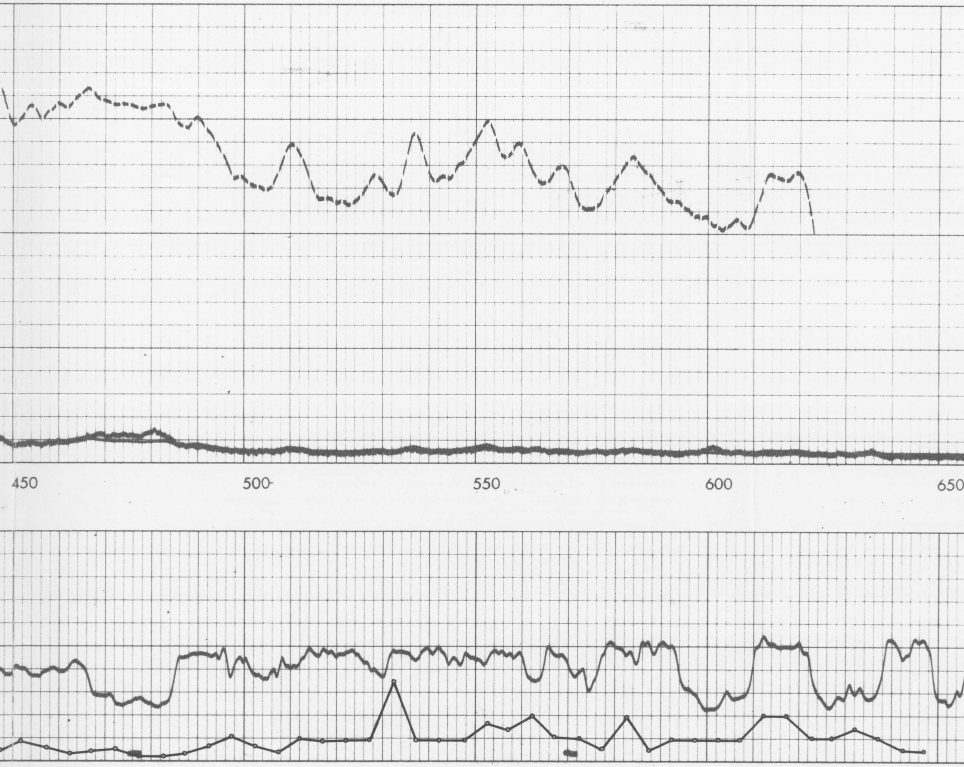
LAIII OC – AA 06595

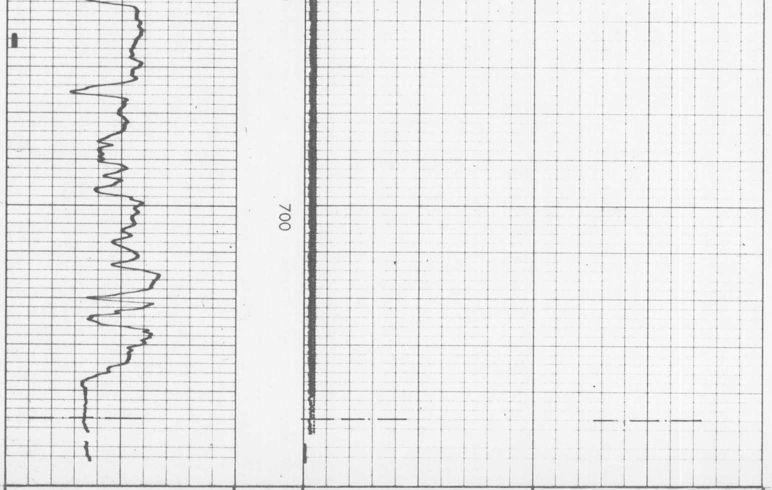
5" 100'

POTENTIAL MILLIVOLTS		RESISTIVITY OHMS M²/M	CONDUCTIVITY M MHOS/M
15		0 18" Normal 20	200 Induction 0
			1000 0
Rmf 3.0 at 80 °F.		0 Induction 20	RESISTIVITY OHMS M²/M









Rmf 3.0 at 80 °F.

15

POTENTIAL MILLIVOLTS

0 Induction 20

0 18" Normal 20

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 # 3
Wildcat
Dona Ana County, New Mexico

T.D. LOGGED	746'
T.D. DRILLER	750'
T.D. WELEX	750'

LAIII OC-AA .06595