

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



MICROLOGGING®

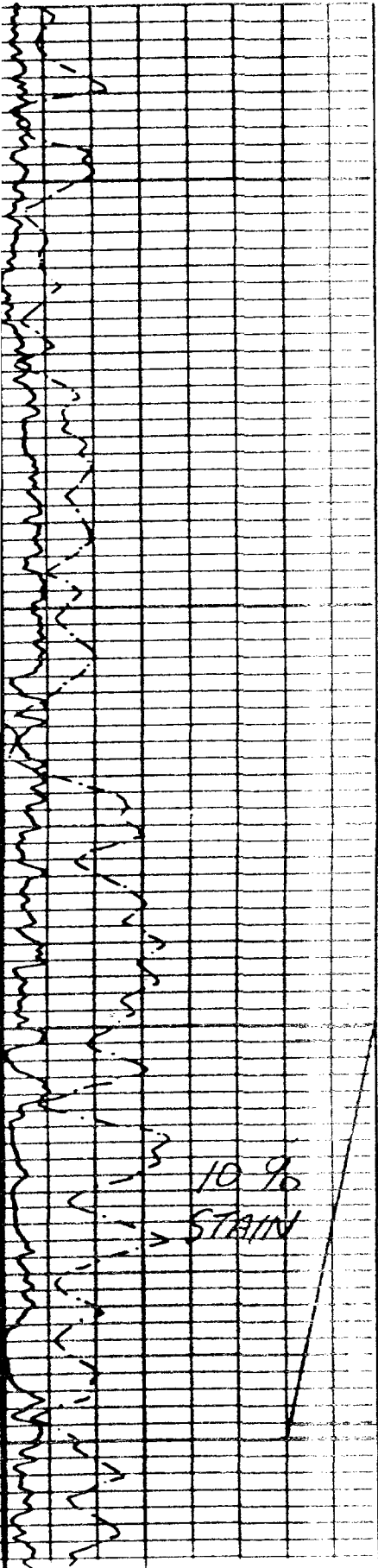
COUNTY - LEA FIELD or LOCATION - Townsend WELL - State T #2 COMPANY - Texas Pacific Coal & Oil Co.	COMPANY TEXAS PACIFIC	Other Surveys ES GRN
	COAL & OIL CO.	Location of Well
	WELL STATE T # 2	4290' f S/L 500' f W/L
	FIELD TOWNSEND	SEC. 6-16S-36E
	LOCATION SEC. 6-16S-36E	Elevation: D.F.: 397. K.B.: 3976 or G.I.: 3945
COUNTY LEA	STATE NEW MEXICO	FILING No.

RUN No.	1	TEXAS PACIFIC OIL COMPANY			
Date	10-31-57	Property as of 8-29-50			
First Reading	10695				
Last Reading	5300				
Feet Measured	1495				
Depth Reached	10696				
Bottom Driller	10692				
Depth Datum	KB 11.50' Abv. GL				
Mud Nat.	Chem.				
Dens. Visc.	9.3 56				
Mud Resist.	1.16 @ 93 F	@ °F	@ °F	@ °F	@ °F
" Res. BHT	.76 @ 137 F	@ °F	@ °F	@ °F	@ °F
" pH	@ F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	5 CC 30 min	CC 30 min	CC 30 min	CC 30 min	CC 30 min
" Rmf	1.2 @ 77 °F	@ °F	@ °F	@ °F	@ °F
" Rmc	1.6 @ 77 °F	@ °F	@ °F	@ °F	@ °F
Mud Log: Rm	80				
Limit	Upper				
Depth	10290				
Bit Size	7 7/8"	TEXAS PACIFIC OIL COMPANY			
Sonde Type	Powered	GEOLOGICAL DEPARTMENT			
Pad Type	H-Pad				
Opr. Rig Time	2 Hrs.				
Truck No.	1758-Hobbs				
Recorded By	Winkler				
Witness	Smitherman				

BEAUFORT EXAMINER QATANACH
CONSERVATION DIVISION

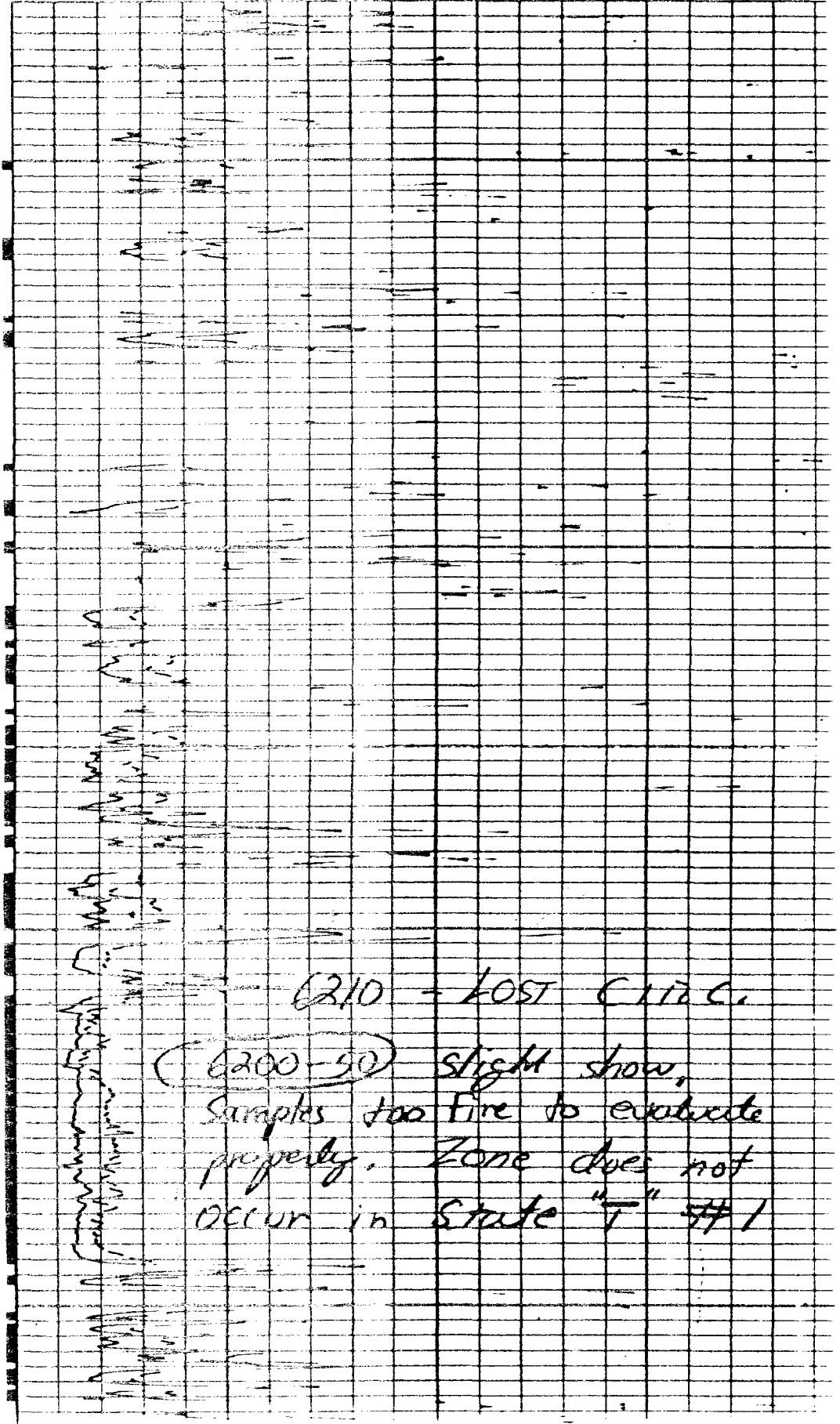
Pronghorn EXHIBIT NO. 3

ASL NO. 12905



6100

6200



6200

10 %
STAIN

6300

Alameda

6210 - LOST CIRC.

(6200-50) slight show,
Samples too fine to evaluate
properly. Zone does not
occur in State "T" #1

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HOUSTON, TEXAS

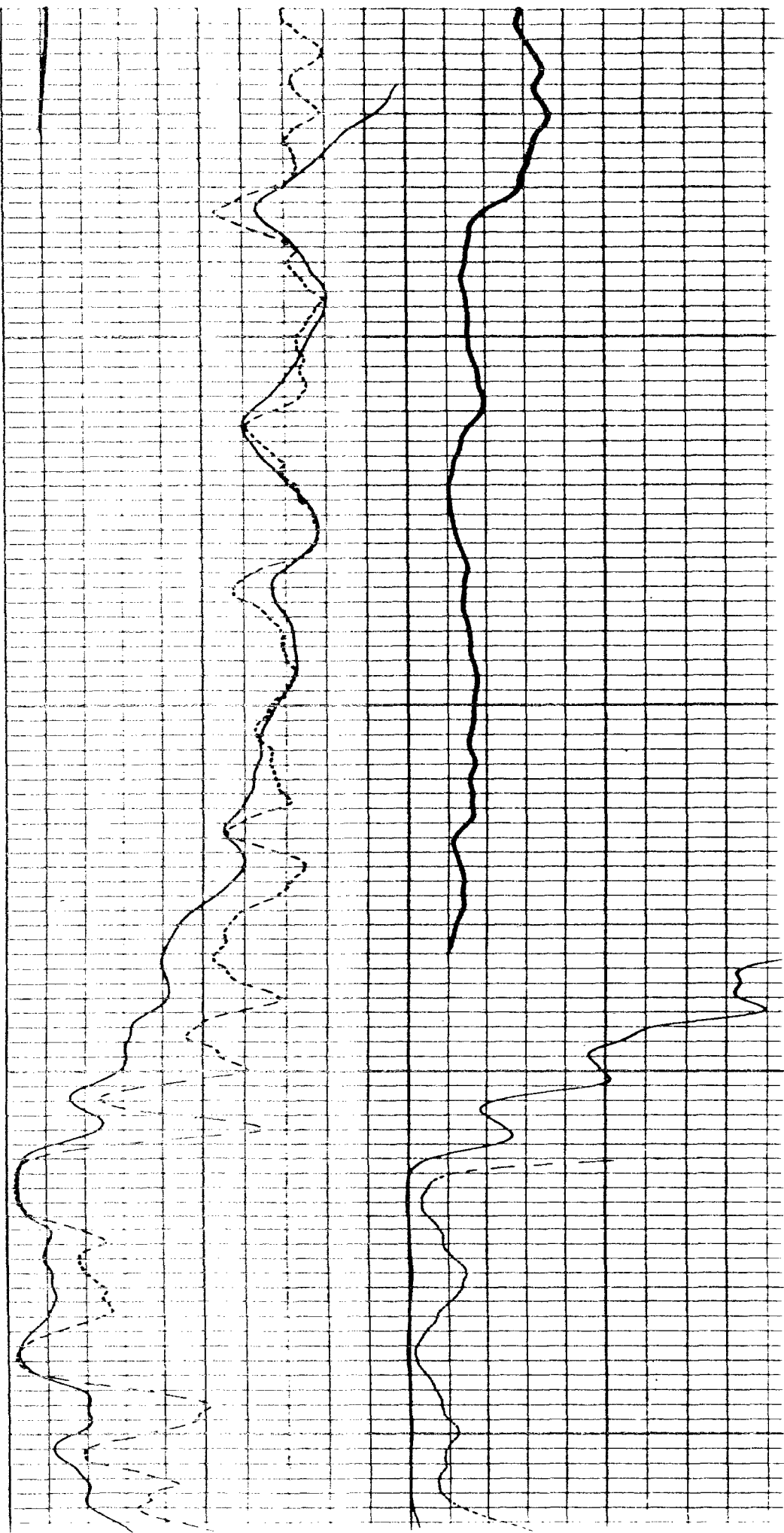


Electrical Log

COUNTY FIELD or LOCATION WELL	Lea Townsend State T #2	COMPANY Texas Pacific Coal & Oil Co.	COMPANY	TEXAS PACIFIC	Other Surveys	GR ML
				COAL & OIL CO.	Location of Well	
			WELL	STATE T # 2	4290' f S/L 500' f W/L	
			FIELD	TOWNSEND	SEC. 6-16S-36E	
			LOCATION	SEC. 6 -16S-36E	Elevation: D.F.: K.B.: or G.L.:	
			COUNTY	LEA	FILING No.	
			STATE	NEW MEXICO		

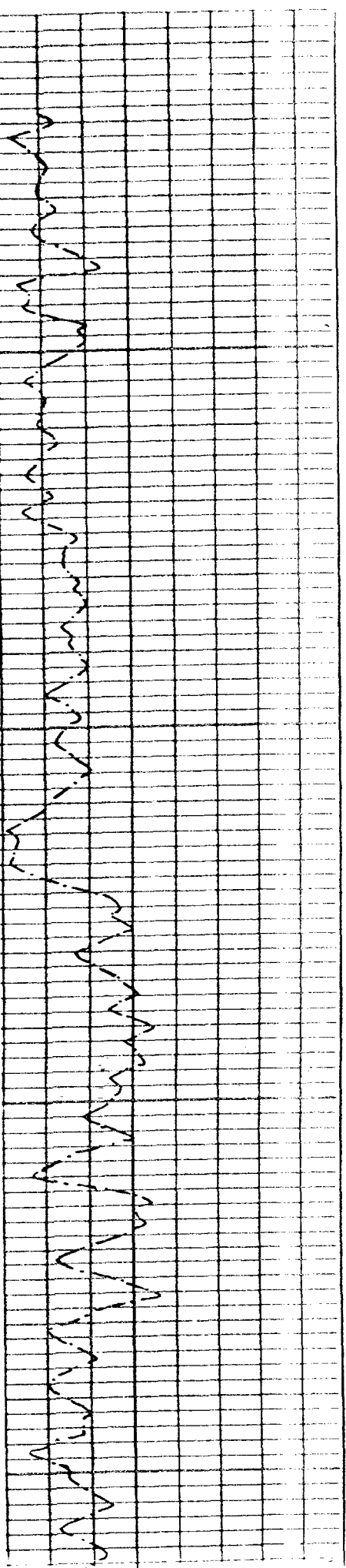
RUN No.	1									
Date	10-31-57									
First Reading	10693									
Last Reading	4753									
Feet Measured	5940									
Csg. Schlum.	4753									
Csg. Driller	4749									
Depth Reached	10696									
Bottom Driller	10692									
Depth Datum	KB 11.50' Abv. GL									
Mud Nat.	Chem.									
Dens. Visc.	9.3	56								
Mud Resist.	1.16	@ 93	@	F	@	F	@	F	@	F
Res. BHT	.76	@ 37	@	F	@	F	@	F	@	F
Rmf	1.2	@ 77	@	F	@	F	@	F	@	F
Rmc	1.6	@ 77	@	F	@	F	@	F	@	F
pH	@		@	F	@	F	@	F	@	F
Wtr. Loss	5	CC 30 min.	CC 30 min.		CC 30 min.		CC 30 min.		CC 30 min.	
Bit Size	7 7/8"									
Spccs. AM	10" Nor.									
AO	32" LS									
AO	19' Lat.									
Opr. Rig Time	1 1/2 Hrs.									
Truck No.	1758 Hobbs									
Recorded By	Winkler									
Witness	Smitherman									

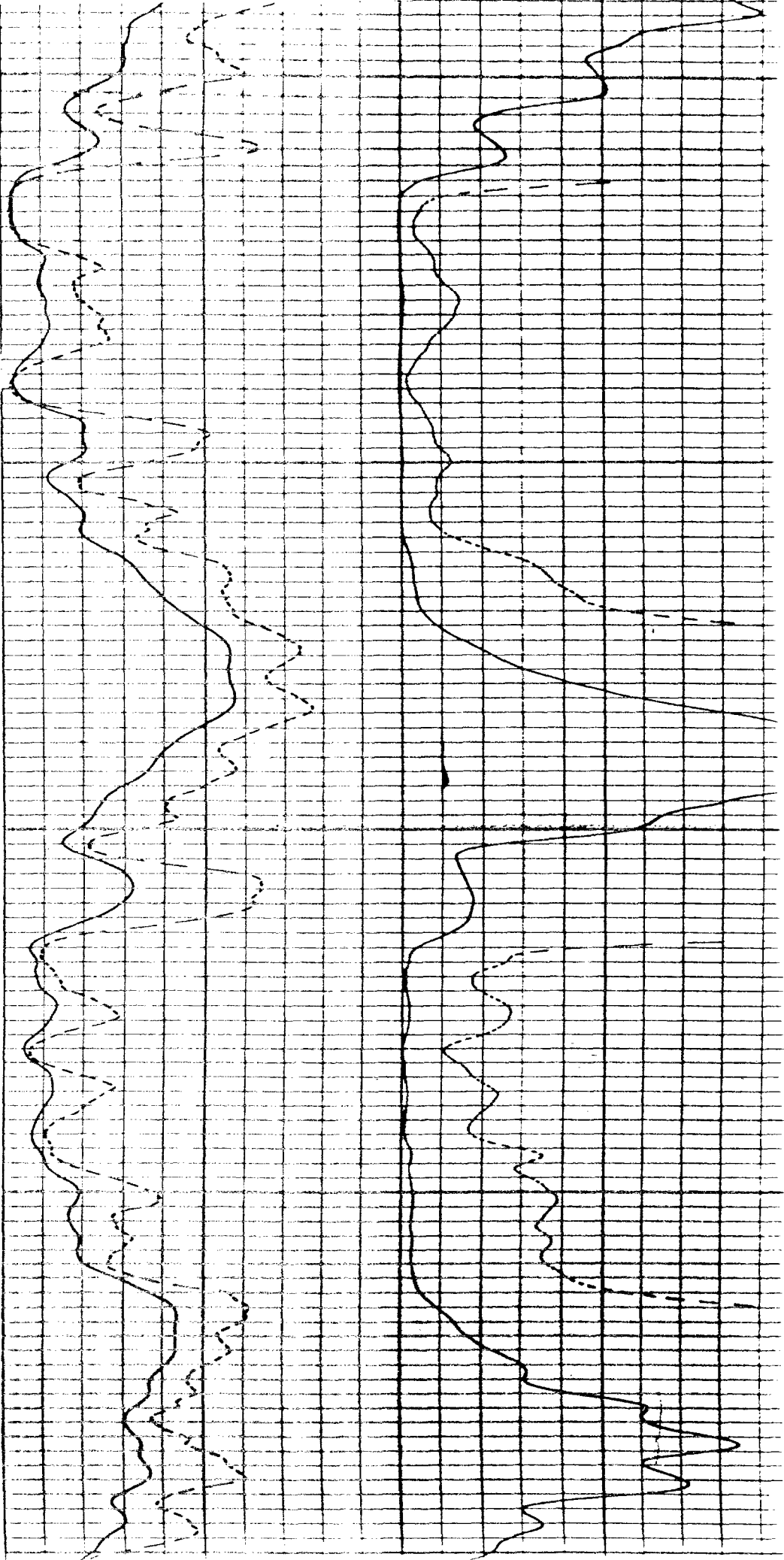
Working Copy



6100

6200

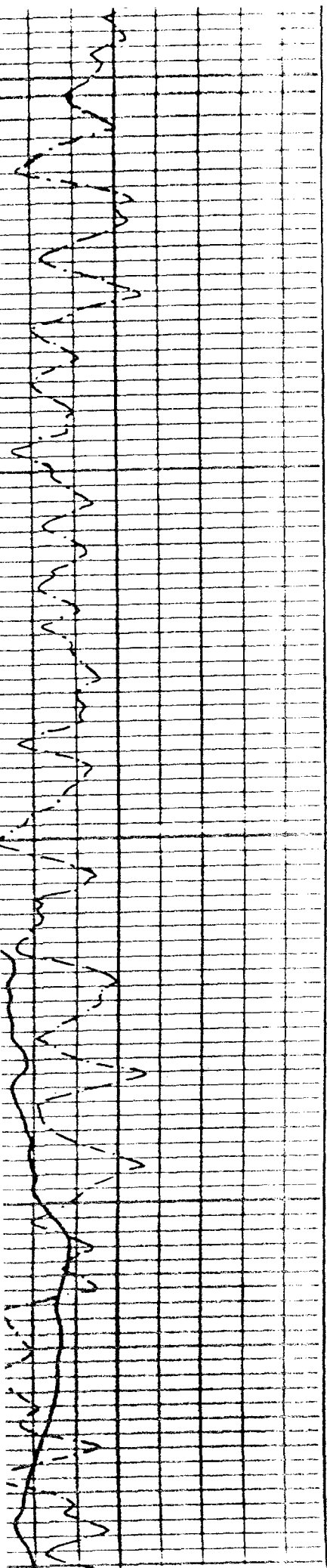




6200

6300

6400

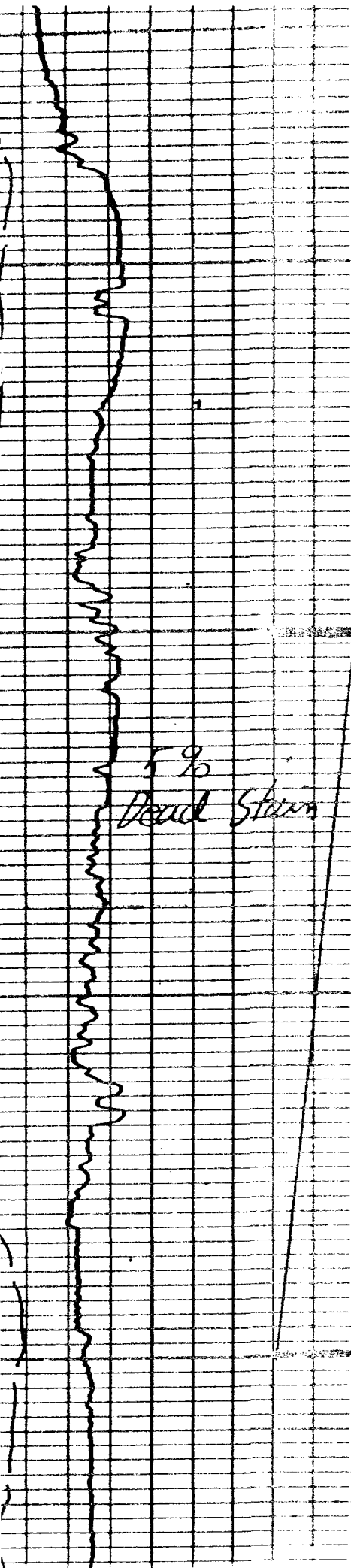


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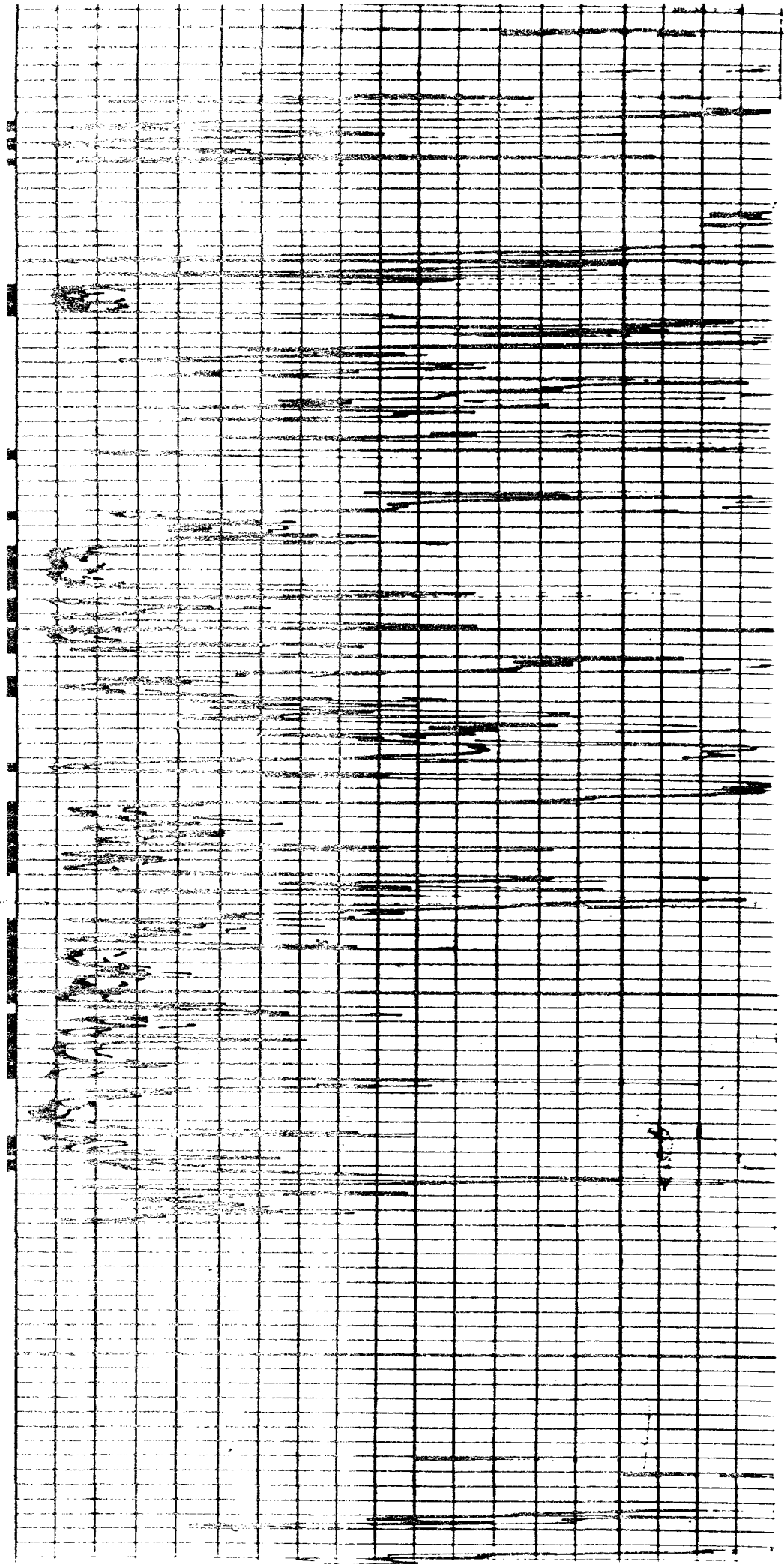
COUNTY <u>Lea</u> FIELD or <u>Townsend</u> LOCATION <u>N. M. State #3</u> WELL COMPANY <u>I & P Coal & Oil</u>	COMPANY <u>TEXAS PACIFIC</u>	Other Surveys ES
	COAL AND OIL COMPANY	
	WELL <u>N. M. STATE T. 130</u> <u>TEXAS PACIFIC</u> Property as of <u>8-28-80</u>	COMPANY of Well <u>8300' f S/L</u> <u>1551' f W/L</u>
	FIELD <u>TOWNSEND</u>	
	LOCATION <u>SEC. 6-16S-36E</u>	
	COUNTY <u>LEA</u>	Elevation: D.F.: <u>3970</u>
	STATE <u>NEW MEXICO</u>	K.B.: or G.L.: <u>3958</u>

Log Depths Measured From		<u>KB</u>	<u>13 Ft. above GL</u>
RUN No.	<u>1</u>		
Date	<u>3-28-58</u>		
First Reading	<u>10737</u>		
Last Reading	<u>5300</u>		
Feet Measured	<u>1237</u>		
Depth Reached	<u>4705</u>		
Bottom Driller	<u>4704</u>		
Mud Not.	<u>Aquagel, Dris S.A. C.S</u>		
Dens. Visc.	<u>9.2 70</u>		
Mud Resist.	<u>1.15 @ 80 °F</u>	<u>@ °F</u>	<u>@ °F</u>
" Res. BHT	<u>.7 @ 136 °F</u>	<u>@ °F</u>	<u>@ °F</u>
" pH	<u>9 @ °F</u>	<u>@ °F</u>	<u>@ °F</u>
" Wtr. Loss	<u>5 CC 30 min</u>	<u>CC 30 min</u>	<u>CC 30 min</u>
" Rmf	<u>.33 @ 136 °F</u>	<u>@ °F</u>	<u>@ °F</u>
" Rmc	<u>@ °F</u>	<u>@ °F</u>	<u>@ °F</u>
Mud Log: Rm	<u>62</u>		
Depth	<u>10251</u>		
Bit Size	<u>7 7/8</u>		
Sonde Type	<u>Powered</u>		
Pod Type	<u>H-Pod</u>		
Opr. Rig Time	<u>2 hrs</u>		
Truck No.	<u>1760-Hobbs</u>		
Recorded By	<u>Howe</u>		
Witness	<u>Smitherman</u>		



0.000

0.000

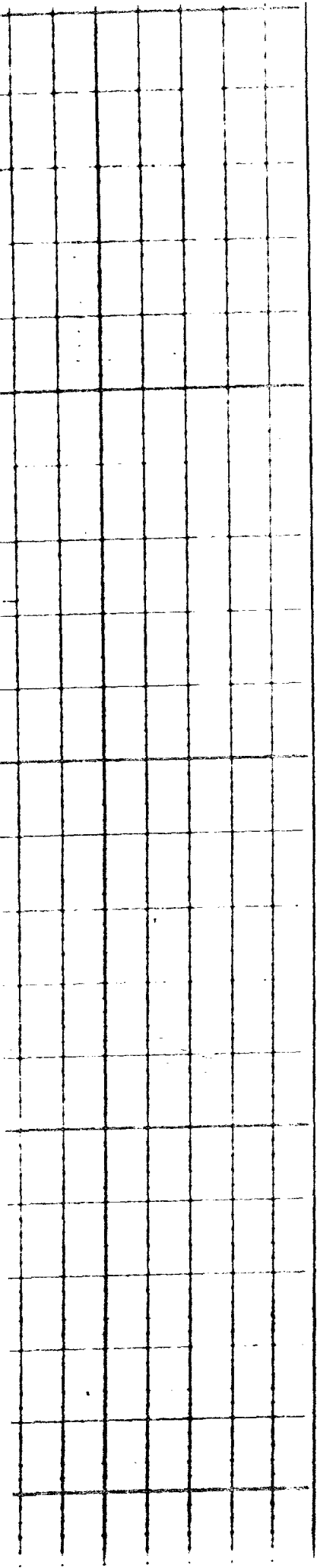


HOUSTON, TEXAS



EXPERIMENTAL

RUN No.	J
Date	3-28-58
First Reading	10731
Last Reading	4710
Feet Measured	6021
Csg. Schlum.	
Csg. Driller	
Depth Reached	10737
Bottom Driller	10735
Depth Datum	KB 13' Abv GL
Mud Nat.	Aquagel-Dricose-O.S.-S.A.
" Density	9.2
" Viscosity	70
" Resist.	1.15 @ 80 F @ °F
" Res. BHT	.7 @ 136 F @ °F
" pH	9 @ °F @ °F
" Wtr. Loss	5 CC 30 min. CC 30 min.
Max. Temp. °F	136
Bit Size	7 7/8
Opr. Rig Time	
Truck No.	1760 Hobbs
Recorded By	Kellough



6200

6300

