WARWICK	1	1	K & E DRILLING, INCORPORATED	WICHITA, KANSAS
LEASE	WELL NO.	TEST NO.	COMPANY	DISTRICT

LOCATION	2-33-13
FIELD	Lonkers
COUNTY	Barber
STATE	Kansas
CONTRACTOR	K & E Drilling, Inc.

MUD DATA

Kind	Starch		
Weight	10.1	lbs.-gal.	
Viscosity	39	Sec.	
Filter Loss	19	c. c. Filter Cake	3/32 in.
BT. P.R.D. No.	397	Blanked Off	No
12 Hr. Clock No.	1131		
Est. Gauge Depth Temp.	100	°F	

Pressure Readings	Field	Office Corrected	
Initial Hydro Mud Pressure	2070	2065	p.s.i.
Initial Flow Pres.	150	144	p.s.i.
Tool Open	20 Minutes		
Final Flow Pres.	600	603	p.s.i.
Time Closed In	30 Minutes		
Closed in Pres.	1160	1160	p.s.i.
Final Hydro Mud Pressure	2070	2037	p.s.i.

Halliburton
OIL WELL CEMENTING COMPANY

HOLE & TOOL DATA

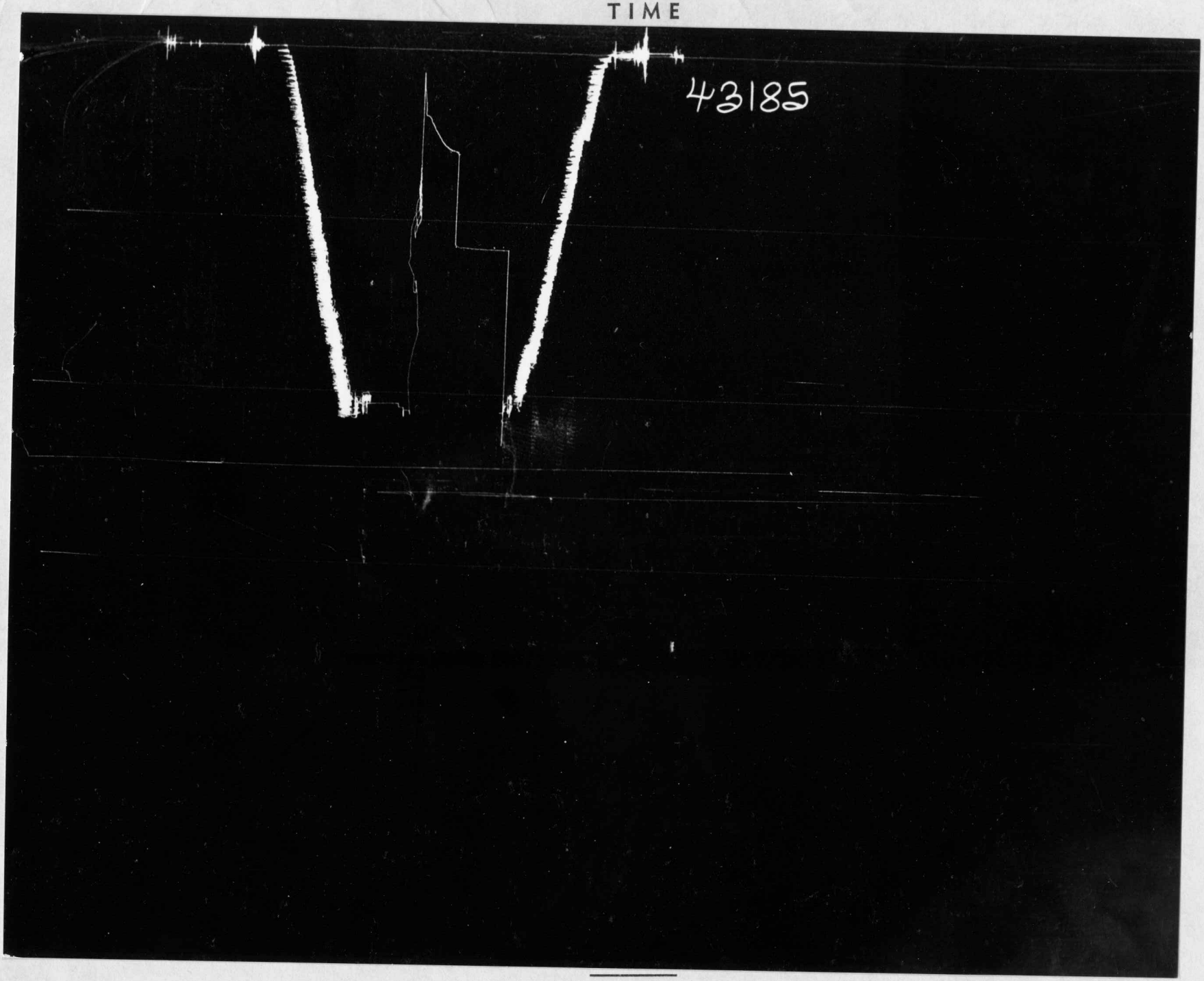
Total Depth	3809'	Casing Perforations	Top – / Bottom –
Top Packer Depth	3781'	Bottom Packer Depth	–
Casing or Hole Size	7 7/8"	Liner or Rathole Size	7 7/8" x 28'
Formation Tested	Douglas Sand		
Size Drill Pipe	4½" API FH	Size Drill Collars	6" x 60'
Size Bottom Choke	5/8"	Size Surface Choke	½"
Size Tool Valve	–	Size Pilot Valve	–
Size Hook Wall Packer	–	Size Rings –	No. Rings –
Size D. E Wall Packer	6 3/4"	No. Packers	1
PRD Device No.	1865	Blanked Off	Yes
Size & Length Anchor	5" x 28'		

Date	10-27-53
Ticket No.	43185
HOWCO DISTRICT	Pratt
Kind of Job	Open Hole
Price	$215.00
Second Packer Assembly	–
Safety Joint	–
Extra Folder Charge	–
Jars	–
Total	$215.00
Witnessed By	W. B. Kimbrell
Tester	M. P. Webster

REMARKS: Tool opened with a strong increasing gas blow for 20 minutes. 4½ million cubic feet of gas in 15 minutes and 5½ million cubic feet in 20 minutes.

Amount of Cushion None — All depths measured from Kelly Bushing — No. Folders Reproduced 5

TIME

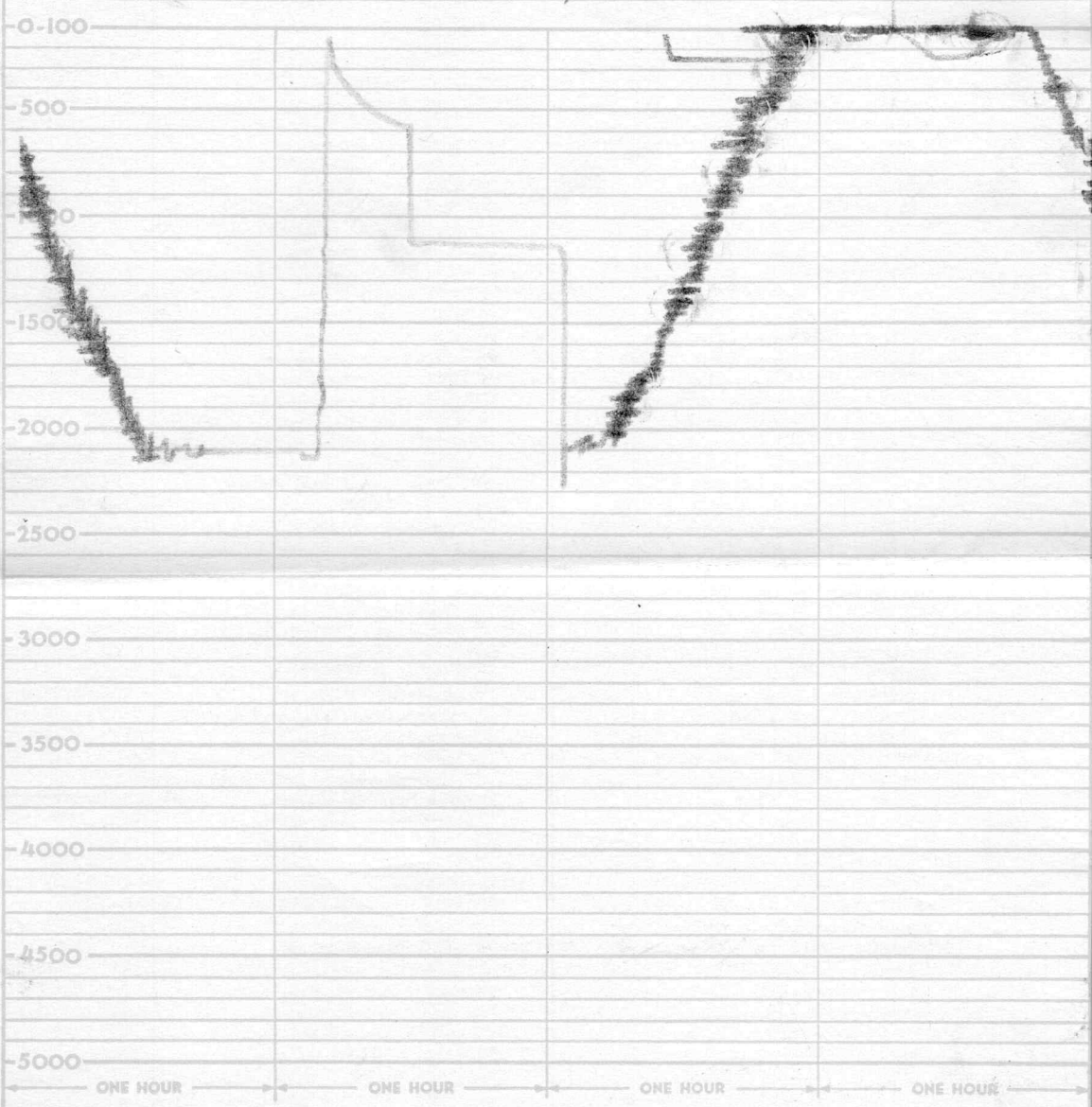


PRESSURE

Each Horizontal Line Equal to 1000 p.s.i.

Company K & E Drlg Co | Pressure Device No. 1865 | Date 10-27-53 19

Location Warwick | Well No. 1 | Packer Depth 3781 | Testing Ticket No. 43185



Halliburton Oil Well Cementing Co.

Duncan, Oklahoma

lapping outside.