

WELCH

A-2

1

EARL WAKEFIELD

31-22-17 KANSAS

LEASE

WELL NO.

TEST NO.

COMPANY

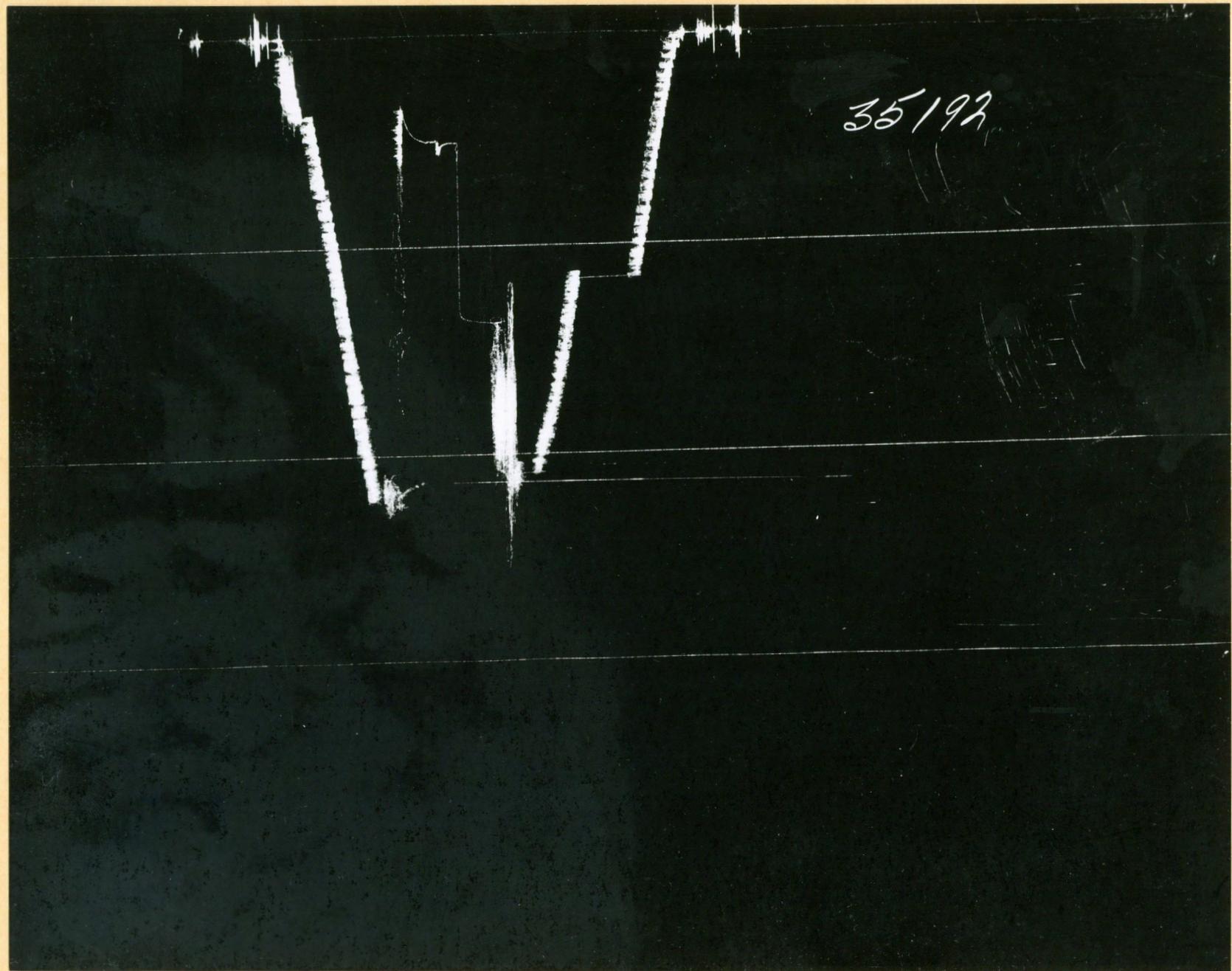
DISTRICT

LOCATION	Sec. 31-22-17		 Halliburton OIL WELL CEMENTING CO.			Date	8-1-55
FIELD	Garfield					Ticket No.	35192
COUNTY	Pawnee					HOWCO DISTRICT	Great Bend
STATE	Kansas					Kind of Job	Open Hole Test
CONTRACTOR	Company Tools		HOLE AND TOOL DATA			Price	\$215.00
MUD DATA			Total Depth	4200'	Casing Perforations	Top -	
						Bottom -	
			Top Packer Depth	4170'	Bottom Packer Depth	-	Second Packer Assembly -
			Casing or Hole Size	7 7/8"	Liner or Rathole Size	-	Safety Joint -
Weight	10.1	lbs.-gal.	Formation Tested	-			Extra Folder Charge -
Viscosity	40	Sec.	Size Drill Pipe	4 1/2" API FH	Size Drill Collars	6 1/8"	Jars -
Filter Loss	15.2	c. c. Filter Cake 2/32 in.	Size Bottom Choke	1"	Size Surface Choke	5/8"	
Est. Gauge Depth Temp.	Galo. 110	F°	Size Hook Wall Packer	-	Size Rings	-	No. Rings -
Time Tool Open	30 minutes		Size D. E. Wall Packer	6 3/4" ESA		No. Packers	1
Time Closed In.	20 minutes		Size & Length Anchor	4 1/2" X 30'			Total \$215.00
Depth BT. Gauge	4162'	Ft.	PRD Device No.	1936	Depth	4196'	Blanked Off
							Yes
BT. D. No.	399	Blanked Off	No	REMARKS:			
Hr. Clock No.	12	2803	Tool opened with a good blow and increased to strong blow and				
Pressure Readings	Field	Office Corrected	continued throughout the test. Recovered 90' of heavily oil &				
Initial Hydro Mud Pressure		2103	gas cut mud.				
		p.s.i.					
Initial Flow Pres.		352					
		p.s.i.					
Final Flow Pres.		508					
		p.s.i.					
Closed in Pres.		1379					
		p.s.i.					
Final Hydro Mud Pressure		2095	Amount of Cushion	None	All depths measured from	elly Bushing	No. Folders Reproduced
		p.s.i.					5

TIME

PRESSURE

35192



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

WELCH

A-2

2

EARL WAKEFIELD

KANSAS

LEASE

WELL NO.

TEST NO.

COMPANY

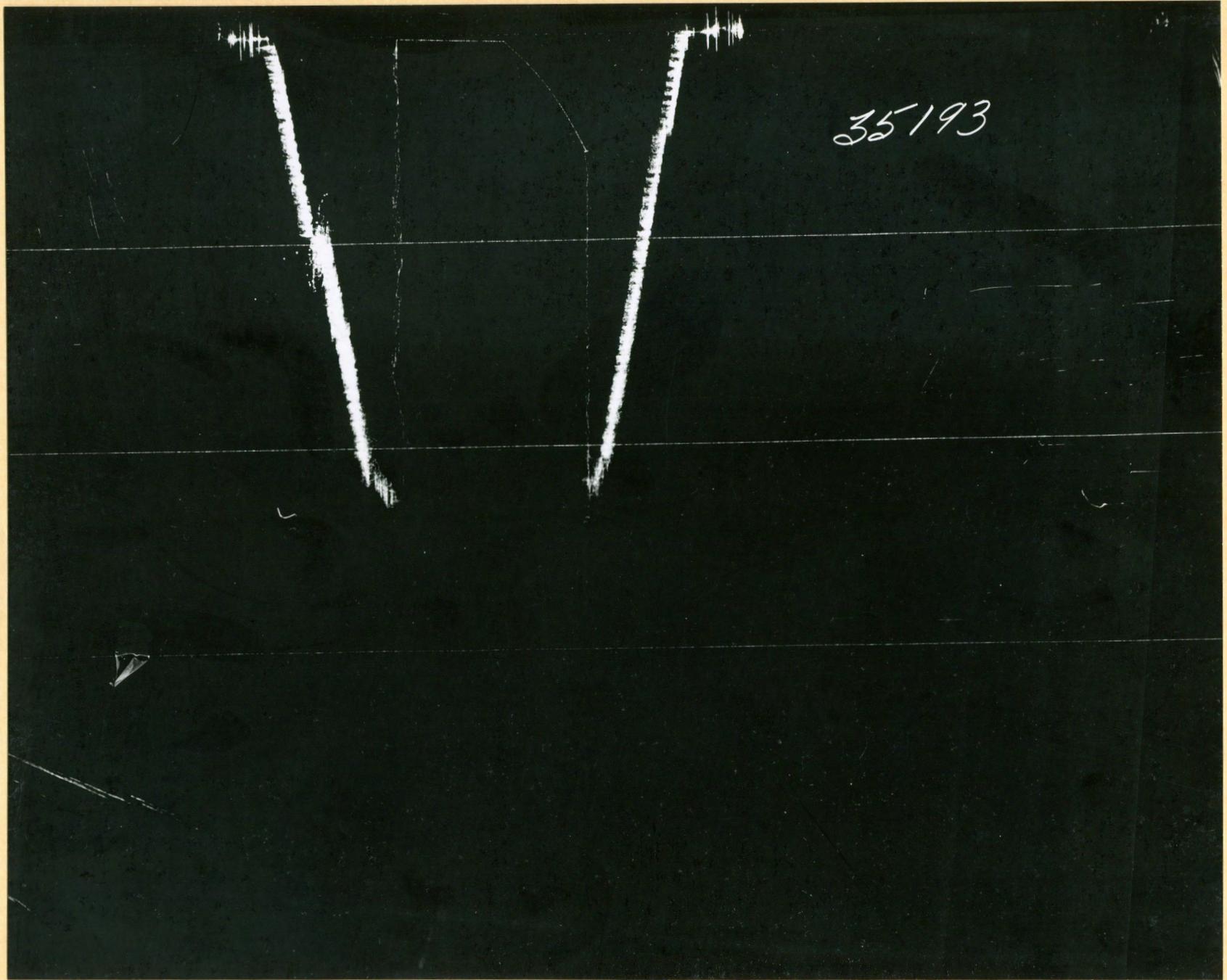
DISTRICT

LOCATION	Sec. 31-22-17		 Halliburton OIL WELL CEMENTING CO.				Date	8-2-55		
FIELD	Garfield						Ticket No.	35193		
COUNTY	Pawnee						HOWCO DISTRICT	Great Bend		
STATE	Kansas						Kind of Job	Open Hole Test		
CONTRACTOR	Company Tools		HOLE AND TOOL DATA		Price	\$215.00				
MUD DATA			Total Depth	4260'	Casing Perforations	Top - Bottom -				
			Top Packer Depth	4210'	Bottom Packer Depth	-				
Sand			Casing or Hole Size	7 7/8"	Liner or Rathole Size	-				
Weight	10.1	lbs.-gal.	Formation Tested	Mississippi		Safety Joint	-			
Viscosity	40	Sec.	Size Drill Pipe	4 1/2" API FH	Size Drill Collars	6 1/8"	Extra Folder Charge	-		
Filter Loss	15.2	c. c. Filter Cake	Size Bottom Choke	1"	Size Surface Choke	5/8"	Jars	-		
Est. Gauge Depth Temp.	Calc. 110	F°	Size Hook Wall Packer	-	Size Rings	-	No. Rings	-		
Time Tool Open	60 minutes		Size D. E. Wall Packer	6 3/4" ESA	No. Packers	1	Total	\$215.00		
Time Closed In.	45 minutes		Size & Length Anchor	4 1/2" X 19'	4 1/2" X 31'		Witnessed By	M. C. L. Bean		
Depth BT. Gauge	4202'	Ft.	PRD Device No.	1936	Depth	4256'	Blanked Off	Yes		
R.D. No.	399	Blanked Off	No	REMARKS:						
Hr. Clock No.	12	2603	Tool opened with a weak blow and increased to fair for the remainder of							
Pressure Readings	Field	Office Corrected	the test. Recovered 60' of very slightly oil cut mud.							
Initial Hydro Mud Pressure		2186	p.s.i.							
Initial Flow Pres.		18	p.s.i.							
Final Flow Pres.		30	p.s.i.							
Closed in Pres.		558	p.s.i.							
Final Hydro Mud Pressure		2186	p.s.i.		Amount of Cushion	None	All depths measured from	elly Bushing	No. Folders Reproduced	5

TIME

35193

PRESSURE



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