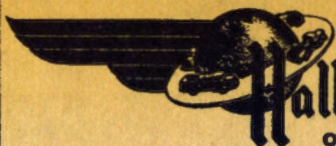


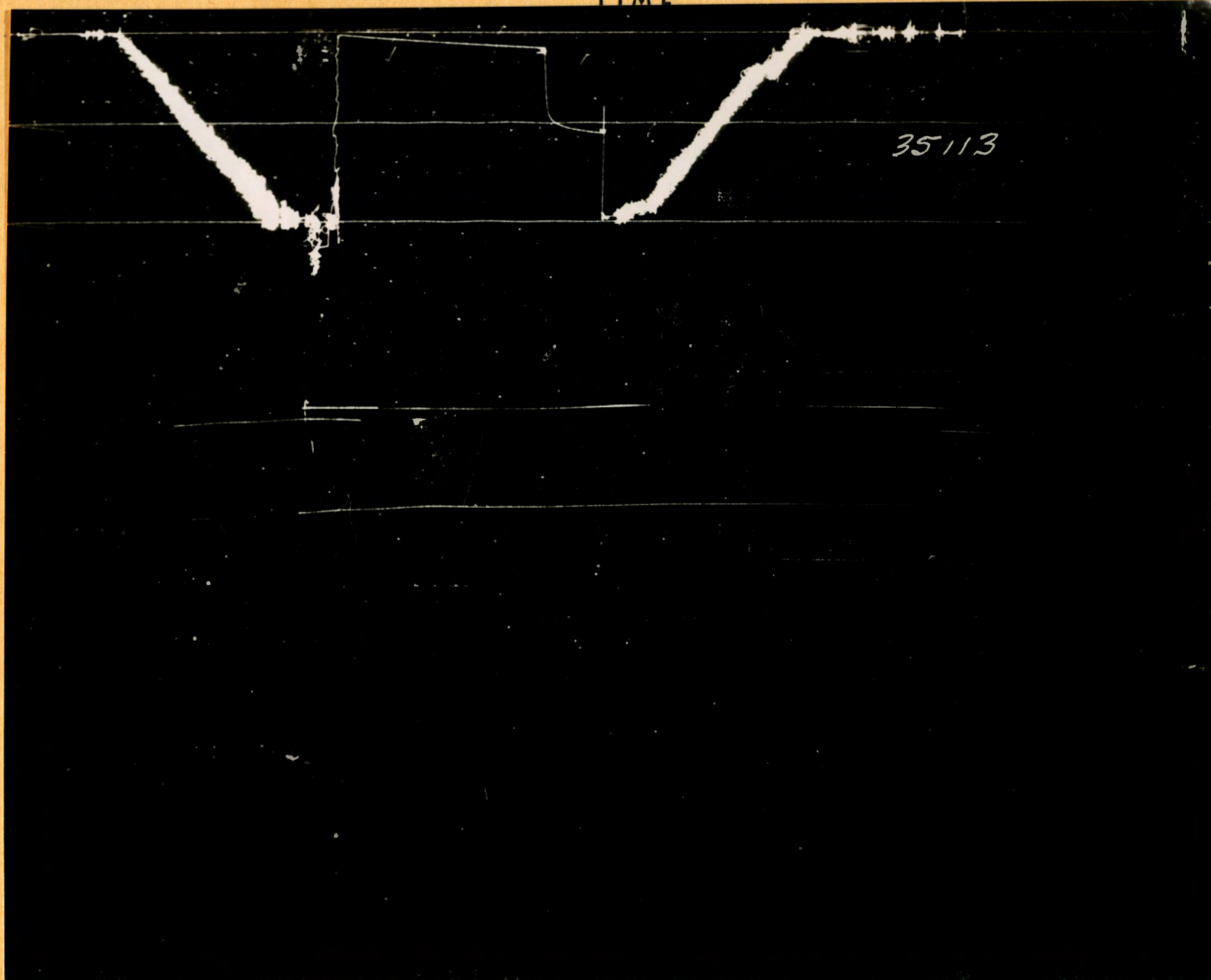
LOCATION	7-10-21		 Halliburton OIL WELL CEMENTING COMPANY	Date	December 22, 1950																	
FIELD	Wildcat			Ticket No.	35113-T																	
COUNTY	Graham			HOWCO District	Plainville, Ks.																	
STATE	Kansas			Kind of Job	Open Hole Test																	
CONTRACTOR	Barnett Drilling, Inc.		HOLE & TOOL DATA <table border="1"> <tr> <td>Total Depth</td> <td>3601'</td> <td>Casing Perforations</td> <td>Top</td> <td>Bottom</td> </tr> <tr> <td>Packer Depth</td> <td>3586'</td> <td>Bottom Packer Depth</td> <td>--</td> <td>--</td> </tr> <tr> <td>Casing or Hole Size</td> <td>7 7/8"</td> <td>Liner or Rathole Size</td> <td>--</td> <td>--</td> </tr> </table>			Total Depth	3601'	Casing Perforations	Top	Bottom	Packer Depth	3586'	Bottom Packer Depth	--	--	Casing or Hole Size	7 7/8"	Liner or Rathole Size	--	--	Price	\$215.00
Total Depth	3601'	Casing Perforations	Top	Bottom																		
Packer Depth	3586'	Bottom Packer Depth	--	--																		
Casing or Hole Size	7 7/8"	Liner or Rathole Size	--	--																		
MUD DATA			Safety Joint			--																
Kind	Starch		Formation Tested			Kansas City																
Weight	10.1	lbs.-gal.	Size Drill Pipe	4 1/2" API F.H.	Size Drill Collars	5 1/2" x 93.12'																
Viscosity	34.2	sec.	Size Bottom Choke	1"	Size Surface Choke	1"																
Filter Loss	10.2	c. c. Filter Cake	3/32	in.	Size Tool Valve	1"																
Bt. P.R.D. No.	217	Blanked Off	No	Size Hook Wall Packer	--	Size Rings	--															
12	Hr. Clock No.	1810	Size D. E. Wall Packer	6 3/4" D. E. W. P.	No. Packers	1																
Est. Gauge Depth Temp.	100	°F	PRD Device No.	1620	Blanked Off	Yes																
Pressure Readings	Field	Office Corrected	Size & Length Anchor	4 1/2" x 15'	Total		\$215.00															
Initial Hydro Mud Pressure	1930	1933	p.s.i.	REMARKS:			Hole in good shape. Opened tool at 6:47 A.M. Blow, 4" water pressure after 5 minutes open, built up to 10" pressure in 30 minutes. Pressure reduced to 5" by end of the test. Tool closed at 7:47 A.M. Off bottom at 8:02 A.M. Mud lost approximately 30'. Recovered 307' water with a show of oil.															
Initial Flow Pres.	11	45	p.s.i.	Witnessed By			Wendell S. Johns															
Tool Open	1 hour	Tester					Thomas D. Pugh, Jr.															
Final Flow Pres.	82	185	p.s.i.	Amount of Blanket			None															
Time Closed In	15 minutes	All depths measured from					Kelly Bushings															
Closed in Pres.	1065	1080	p.s.i.	No. Folders Reproduced					Five													
Final Hydro Mud Pressure	1914	1895	p.s.i.																			

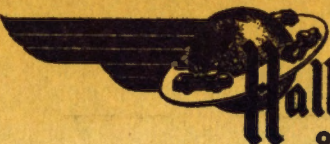
TIME

35113

PRESSURE

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



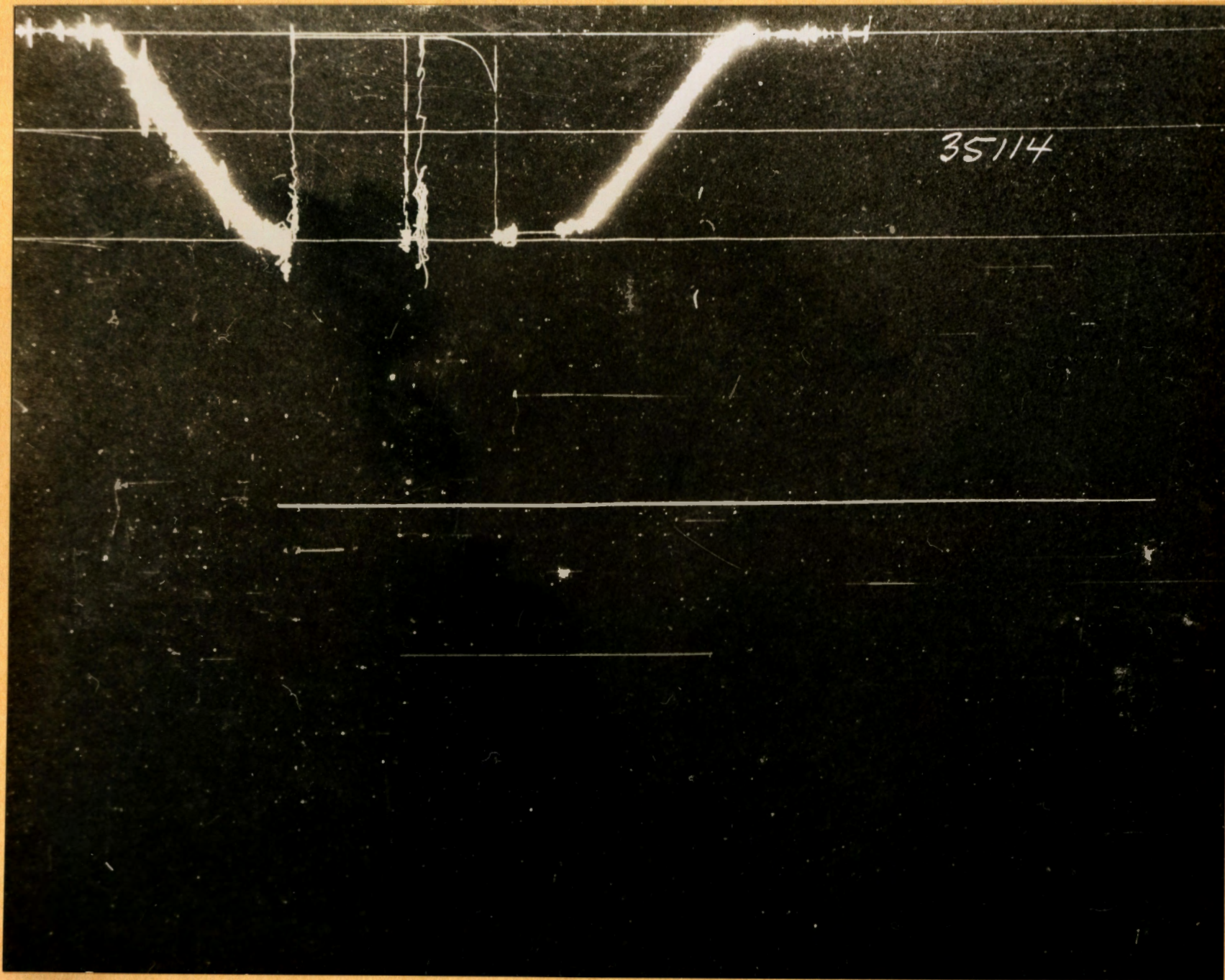
LOCATION		7-10-21		 Halliburton OIL WELL CEMENTING COMPANY		Date		December 23, 1950											
FIELD		Wildcat				Ticket No.		35114-T											
COUNTY		Graham		HOLE & TOOL DATA		HOWCO District		Plainville, Ks.											
STATE		Kansas				Kind of Job		Open Hole Test											
CONTRACTOR		Barnett Drilling, Inc.		Total Depth		3698'		Casing Perforations		Top Bottom									
MUD DATA		Kind		Starch		Formation Tested		Kansas City		Price		\$215.00							
		Weight		10.1 lbs.-gal.		Size Drill Pipe		4 1/2" API F.H.		Size Drill Collars		5 1/2" x 93.12'							
Viscosity		34.2 sec.		Size Bottom Choke		1 1/2"		Size Surface Choke		1"		Packer Chg.		---					
Filter Loss		10.2 c. c. Filter Cake		3/32 in.		Size Tool Valve		1"		Size Pilot Valve		---		Safety Joint		---			
Bt. P.R.D. No.		217		Blanked Off		No		Size Hook Wall Packer		---		Size Rings		---		No. Rings		---	
12 Hr. Clock No.		1810		Size D. E. Wall Packer		6 3/4" D. E. W. P.		No. Packers		1		Total		\$215.00		Witnessed By		Wendell S. Johns	
Est. Gauge Depth Temp.		100 °F		PRD Device No.		1620		Blanked Off		No		Tester		Thomas D. Pugh, Jr.					
Pressure Readings		Field		Office Corrected		Size & Length Anchor		4 1/2" x 14'											
Initial Hydro Mud Pressure		1980		1983 p.s.i.		REMARKS:		Hole in good shape. Opened tool at 12:23 P.M. with a light											
Initial Flow Pres.		27		30 p.s.i.				bubble, died in 5 minutes. Closed tool at 12:53 P.M. Re-											
Tool Open		30 minutes & 5 minutes.						opened tool at 1:00, let set 5 minutes. No blow. Closed tool											
Final Flow Pres.		43		45 p.s.i.				at 1:05. Off bottom at 1:20. Mud lost approximately 35'.											
Time Closed In		15 minutes						Recovered 70' mud.											
Closed in Pres.		563		565 p.s.i.															
Final Hydro Mud Pressure		1930		1955 p.s.i.		Amount of Blanket		None		All depths measured from		Kelly Bushings		No. Folders Reproduced		Five			

TIME

PRESSURE

35114

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



LOCATION	7-10-21			Date	December 24, 1950			
FIELD	Wildcat			Ticket No.	35115-T			
COUNTY	Graham			HOWCO District	Plainville, Ks.			
STATE	Kansas			Kind of Job	Open Hole Test			
CONTRACTOR	Barnett Drilling, Inc.		HOLE & TOOL DATA			Price	\$215.00	
			Total Depth	3757'	Casing Perforations	Top Bottom	Packer Chg.	--
			Top Packer Depth	3744'	Bottom Packer Depth	--		
MUD DATA			Casing or Hole Size	7 7/8"	Liner or Rathole Size	--	Safety Joint	--
Kind	Starch		Formation Tested	Kansas City		Extra Folder Charge	--	
Weight	10.3	lbs.-gal.	Size Drill Pipe	4 1/2" API F.H.	Size Drill Collars	5 1/2" x 93.12'	Jars	--
Viscosity	35.6	sec.	Size Bottom Choke	1/2"	Size Surface Choke	1"		
Filter Loss	10.2 c. c.	Filter Cake 3/32 in.	Size Tool Valve	1"	Size Pilot Valve	--		
Bt. P.R.D. No.	217	Blanked Off No	Size Hook Wall Packer	--	Size Rings	--	No. Rings	--
6	Hr. Clock No.	1810	Size D. E. Wall Packer	6 3/4" D. E. W. P.	No. Packers	1	Total	\$215.00
Est. Gauge Depth Temp.	101	°F	PRD Device No.	1620	Blanked Off	No	Witnessed By	Weldell S. Johns
Pressure Readings	Field	Office Corrected	Size & Length Anchor	4 1/2" x 13'			Tester	Thomas D. Pugh
Initial Hydro Mud Pressure	2072	2060 p.s.i.	REMARKS: Hole in good shape. Opened tool and light bubble died in 5					
Initial Flow Pres.	11	15 p.s.i.	minutes. Set 30 minutes and pulled tool off and reset it.					
Tool Open	30 minutes and 10		minutes. Light bubble soon died. Closed tool at 10 minutes after					
Final Flow Pres.	43	33 p.s.i.	bubble died. Let set 15 minutes for pressure test. Mud lost					
Time Closed In	15 minutes		approximately 40'. Recovered 63' mud with spots of oil.					
Closed in Pres.	--	0 p.s.i.	Bottom hole pressure was not successfully obtained.					
Final Hydro Mud Pressure	2031	2035 p.s.i.	Amount of Blanket	None	All depths measured from	Kelly Bushings	No. Folders Reproduced	Five

TIME

35115

PRESSURE

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

