

LEASE

WELL NO.

TEST NO.

COMPANY



LOCATION	Sec. -		HOLE AND TOOL DATA Total Depth 2595' Casing Perforations Top Bottom Packer Depth 2577' Bottom Packer Depth Casing or Hole Size 8 3/4" Liner or Rathole Size Formation Tested Kansas City Size Drill Pipe 4 1/2" API FH Size Drill Collars Size Bottom Choke 3/4" Size Surface Choke Size Hook Wall Packer - Size Rings - No. Rings - Size & Type Wall Packer 7 1/2" x SEMW No. Packers Size & Length Anchor 4 1/2" x 18' PRD Device No. 1988 2593' Blanked Off Yes REMARKS: Formation tested from 2577' to 2595' Tool opened with a weak blow and continued throughout the test. Recovered 32' of mud.				Date	2-7-56
FIELD	Valley Center						Ticket No.	60831
COUNTY	Sedgwick		HOWCO DISTRICT	E1 Dorado				
STATE	Kansas		Kind of Job	Open Hole Test				
CONTRACTOR	White & Ellis		Price	\$215.00				
	MUD DATA		Second Packer Assembly	-				
Kind	Starch		Safety Joint	-				
Weight	9.5		Extra Folder Charge	-				
Viscosity	38		Jars	-				
Filter Loss	21 c. c. Filter Cake		Total	\$215.00				
Est Gauge Depth Temp.	Calc. 100 F°		Witnessed By	Mr. B. Pollard				
Time Tool Open	60 minutes		Tester	Ralph Richard				
Time Closed In.	30 minutes							
Depth RT. Gauge	2593'							
BT. P. R. D. No.	537	Blanked Off	No					
	12	Hr. Clock No.	2253					
Pressure Readings	Field	Office Corrected						
Initial Hydro Mud Pressure		1295	ps.i.					
Initial Flow Pres.		13	ps.i.					
Final Flow Pres.		26	ps.i.					
Closed in Pres.		754	ps.i.					
Final Hydro Mud Pressure		1280	ps.i.					
Amount of Cushion			More	All depths measured from Rotary Bashing				
			No. Folders Reproduced	5				

PRESSURE

TIME

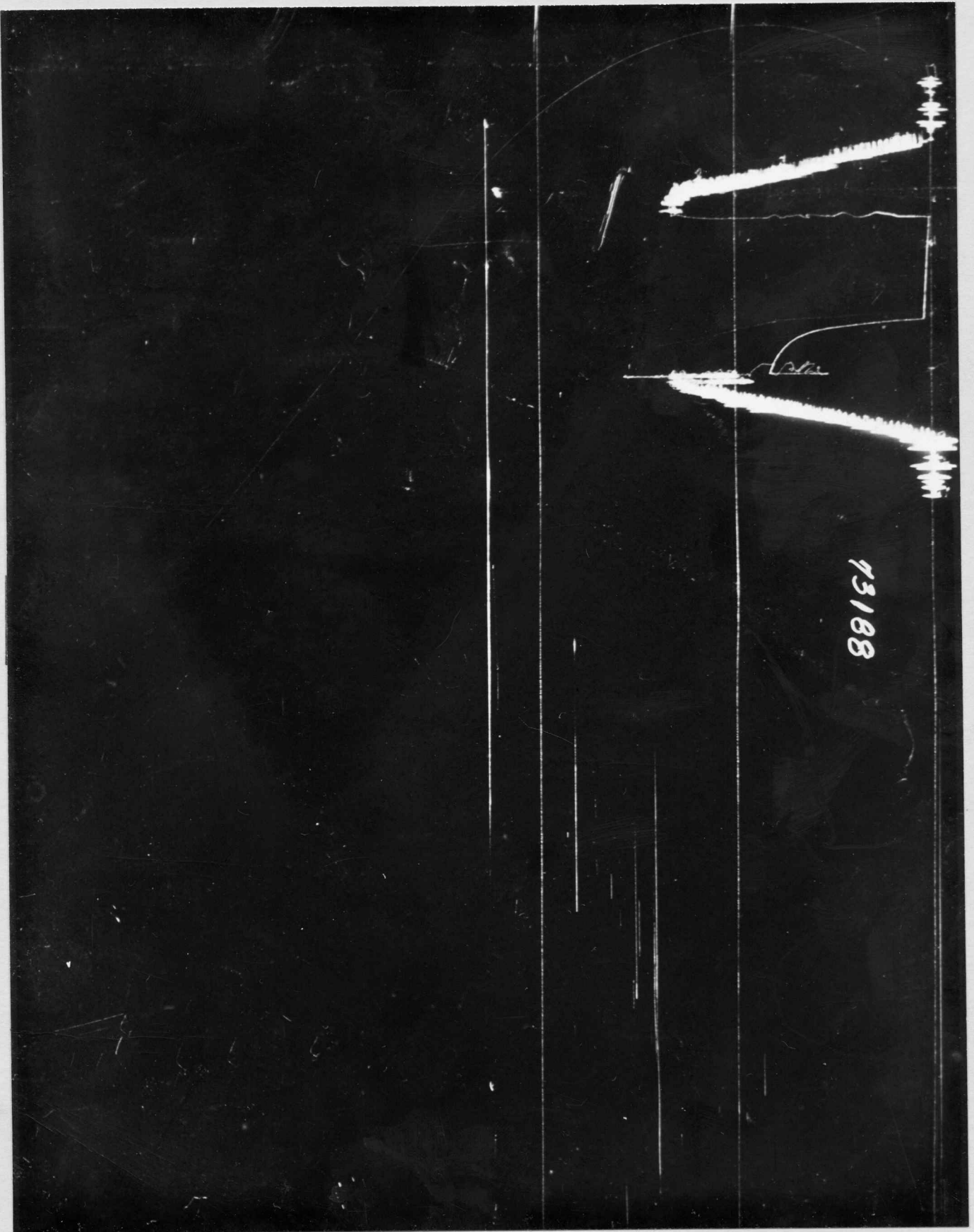


Each Horizontal Line Equal to 1000 p.s.i.



PRESSURE

TIME



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



LOCATION Sec. 5. Valley Center  
 FIELD -  
 COUNTY Sedgwick  
 STATE Kansas  
 CONTRACTOR White & Ellis

HOLE AND TOOL DATA

MUD DATA  
 Kind Gel.  
 Weight 9.6 lbs.-gal.  
 Viscosity 34 Sec.  
 Filter Loss - c. c. Filter Cake - in.  
 Est. Gauge Depth Temp. Calc. 100 F°  
 Time Tool Open 30 minutes  
 Time Closed In. 30 minutes

Total Depth 2683'  
 Top Packer Depth 2666'  
 Casing or Hole Size 8 3/4"  
 Formation Tested Kansas City  
 Size Drill Pipe 4 1/2" API FH  
 Size Bottom Choke 5/8"  
 Size Hook Wall Packer -  
 Size & Type Wall Packer 7 1/4" SEWP  
 Size & Length Anchor 4 1/2" X 7' + 10'  
 PRD Device No. 1982  
 Depth 26791

Date 2-8-56  
 Ticket No. 60864  
 HOWCO DISTRICT El Dorado  
 Kind of Job Open Hole Test  
 Price \$215.00  
 Second Packer Assembly -  
 Safety Joint -  
 Extra Folder Charge -  
 Tars -  
 Total \$215.00  
 Witnessed By Mr. B. Pollard  
 Tester Pointer

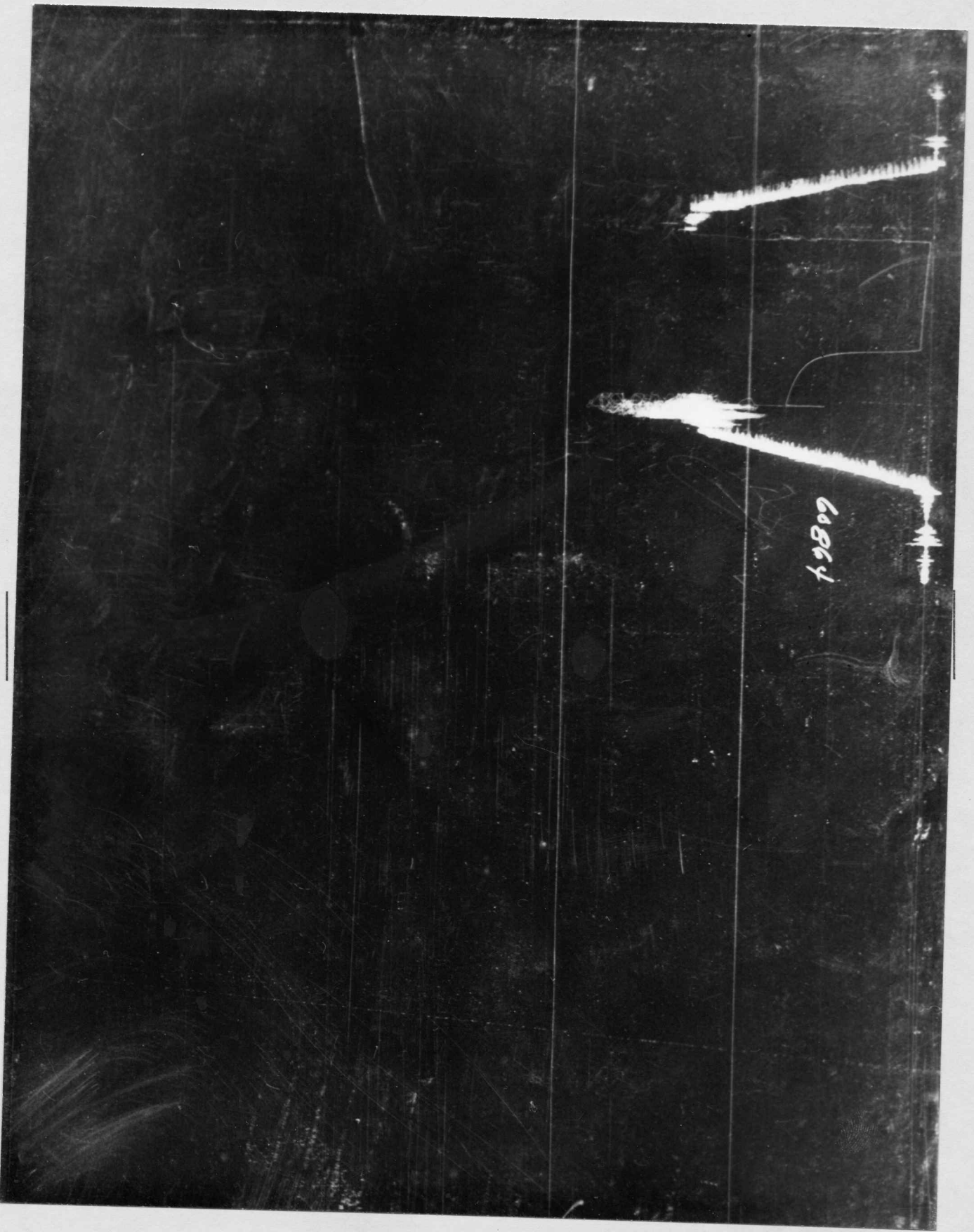
Pressure Readings Field Office Corrected  
 Initial Hydro Mud Pressure 1325 p.s.i.  
 Initial Flow Pres. 20 p.s.i.  
 Final Flow Pres. 60 p.s.i.  
 Closed in Pres. 805 p.s.i.  
 Final Hydro Mud Pressure 1278 p.s.i.

REMARKS:  
 Formation tested from 2666' to 2683, in the Kansas City  
 Tool opened with a fair blow and continued throughout the test.  
 Recovered 110' of muddy salt water.

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

12-26-53

PRESSURE



TIME

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



LOCATION	Sec. S. Valley Center		HOLE AND TOOL DATA		Date	2-10-56
FIELD	-		Total Depth	3033'	Price	\$215.00
COUNTY	Sedgwick		Top Casing Perforations	3022'	Kind of Job	Open Hole Test
STATE	Kansas		Bottom Packer Depth	-	Ticket No.	60866
CONTRACTOR	White & Ellis		Mud Data	3022'	HOWCO DISTRICT	El Dorado
Kind	Gal.		Casing or Hole Size	8 3/4"	Liner or Rathole Size	-
Weight	9.7	lbs.-gal.	Formation Tested	Mississippi	Size Drill Collars	6"
Viscosity	35	Sec.	Size Drill Pipe	4 1/2" API FH	Size Surface Choke	1"
Filter Loss	-	c. c. Filter Cake	Size Bottom Choke	5/8"	Size Rings	-
Est. Gauge Depth Temp.	Calc. 100	F°	Size Hook Wall Packer	-	No. Rings	-
Time Tool Open	60 minutes		Size & Type Wall Packer	7 1/4" SEMP	No. Packers	1
Time Closed	In 30 minutes		Size & Length Anchor	1 1/2" X 11'	PRD Device No.	1982
Depth BT. Gauge	3011'		REMARKS:	Tool opened with a weak blow and continued throughout the test.	Depth	3028'
P. R. D. No.	537	Blanked Off		Recovered 35' of mud cut water.	Blanked Off	Yes
	12	Hr. Clock No.				
Pressure Readings	Field	Office Corrected				
Initial Hydro Mud Pressure		1530				
Initial Flow Pres.		18				
Final Flow Pres.		18				
Closed in Pres.		862				
Final Hydro Mud Pressure		1530				
			Amount of Cushion	None	All depths measured from	Kelly Bushing
						No. Folders Reproduced
						5

PRESSURE

TIME



65866

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

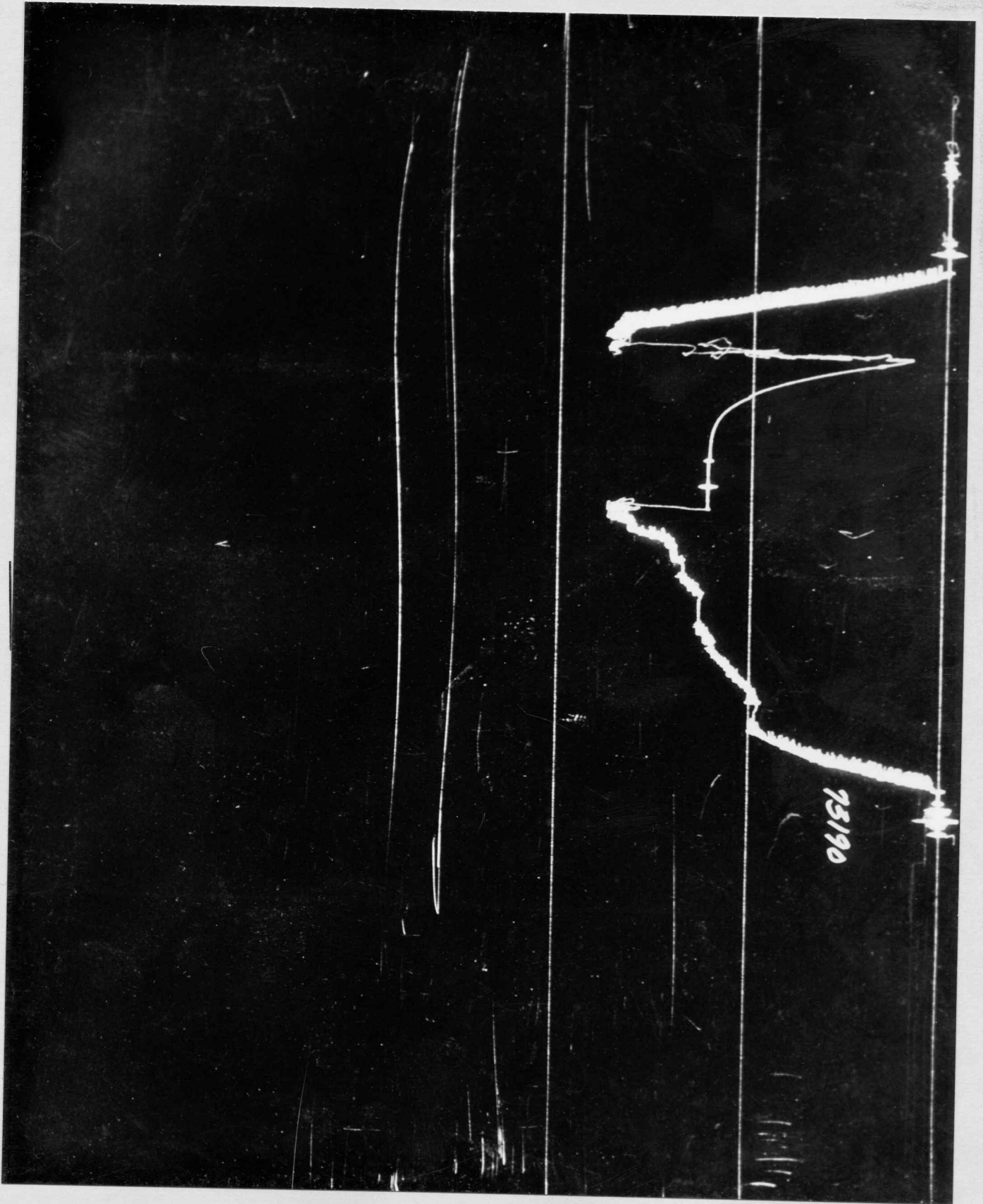


LOCATION	Sec. 12-26-1w		HOLE AND TOOL DATA		Date	2-13-56
FIELD	Valley Center		Total Depth	3341'	Ticket No.	73190
COUNTY	Sedgwick		Casing Perforations	Top - Bottom -	HOWCO DISTRICT	Winfield
STATE	Kansas		Top Packer Depth	3333'	Kind of Job	Open Hole Test
CONTRACTOR	White & Ellis		Casing or Hole Size	8 3/4"	Price	\$215.00
	MUD DATA		Liner or Rathole Size	-	Second Packer Assembly	
Kind	Magcogel		Formation Tested	Viola	Safety Joint	-
Weight	10 lbs.-gal.		Size Drill Pipe	4 1/2" API FH	Extra Folder Charge	-
Viscosity	37 Sec.		Size Bottom Choke	5/8"	Bars	-
Filter Loss	20 c. c. Filter Cake		Size Hook Wall Packer	-	No. Rings	-
Est. Gauge Depth Temp.	Calc. 100 F°		Size & Type Wall Packer	7 1/4" ESWP	No. Packers	1
Time Tool Open	60 minutes		Size & Length Anchor	5/8" x 8'	PRD Device No.	1814
Time Closed In.	30 minutes		REMARKS:	Formation tested from 3333' to 3341' in the Viola.	Depth	3337'
Depth BT. Gauge	3324'			Tool opened @ 9:10 A. M. with a very strong blow and gas to surface in	Blanked Off	Yes
P. R. D. No.	292			55 minutes, closed in pressure taken @ 10:10 A. M., and started off bottom		
	Blanked Off			@ 10:40 A. M. Recovered 60' of oil cut mud, 930' of free oil, and 1923'		
	No			of salt water.		
12 Hr. Clock No.	1552					
Pressure Readings	Field	Office Corrected				
Initial Hydro Mud Pressure		1715 p.s.i.				
Initial Flow Pres.		178 p.s.i.				
Final Flow Pres.		1235 p.s.i.				
Closed in Pres.		1235 p.s.i.				
Final Hydro Mud Pressure		1702 p.s.i.				
Amount of Cushion	None		All depths measured from	Kelly Bushing	No. Folders Reproduced	5

Witnessed By Mr. C. D. Bradbury  
 Joe M. Oliver  
 Tester

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