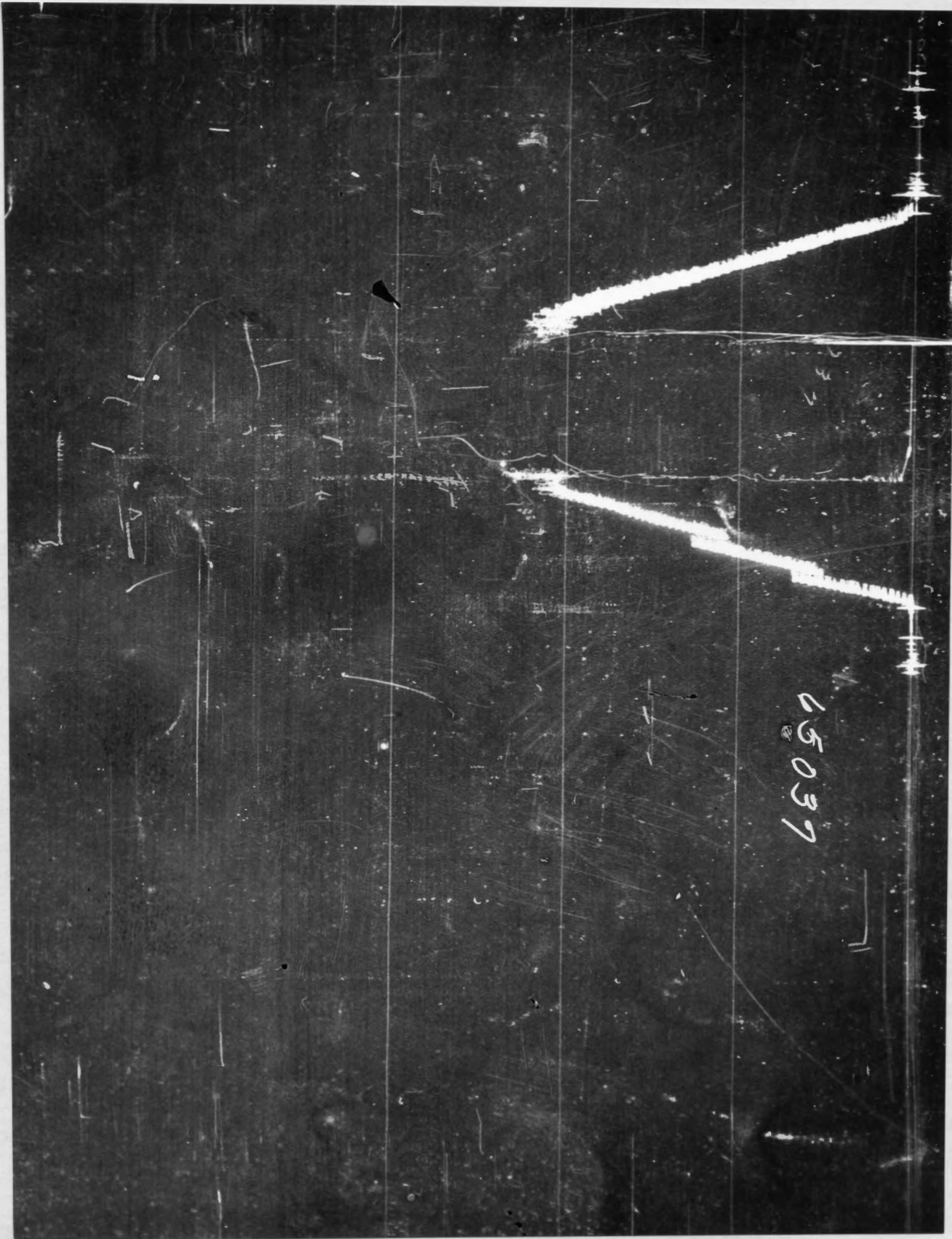




LOCATION	30-27-13	FIELD		W. Pratt	COUNTY		Pratt	STATE		Kansas	CONTRACTOR		W. J. Coppinger	DATE		7-15-53
<p style="text-align: center;">HOLE & TOOL DATA</p>														TICKET NO.		65037T
<p style="text-align: center;">HOLE & TOOL DATA</p>														HOWCO DISTRICT		Pratt
<p style="text-align: center;">HOLE & TOOL DATA</p>														KIND OF JOB		Open Hole
<p style="text-align: center;">HOLE & TOOL DATA</p>														PRICE		\$215.00
<p style="text-align: center;">HOLE & TOOL DATA</p>														SECOND PACKER ASSEMBLY		-
<p style="text-align: center;">HOLE & TOOL DATA</p>														SAFETY JOINT		-
<p style="text-align: center;">HOLE & TOOL DATA</p>														EXTRA FOLDER CHARGE		-
<p style="text-align: center;">HOLE & TOOL DATA</p>														JARS		-
<p style="text-align: center;">HOLE & TOOL DATA</p>														TOTAL		\$215.00
<p style="text-align: center;">HOLE & TOOL DATA</p>														WITNESSED BY		Jack Brown
<p style="text-align: center;">HOLE & TOOL DATA</p>														TESTER		M. P. Webster
<p style="text-align: center;">HOLE & TOOL DATA</p>														REMARKS:		Tool opened with fair diminishing blow for 1 hour
<p style="text-align: center;">HOLE & TOOL DATA</p>														RECOVERED		90' of oil cut mud
<p style="text-align: center;">HOLE & TOOL DATA</p>														RECOVERED		360' of gas.
<p style="text-align: center;">HOLE & TOOL DATA</p>														AMOUNT OF CUSHION		None
<p style="text-align: center;">HOLE & TOOL DATA</p>														ALL DEPTHS MEASURED FROM		Kelly Bushing
<p style="text-align: center;">HOLE & TOOL DATA</p>														NO. FOLDERS REPRODUCED		Five
<p style="text-align: center;">HOLE & TOOL DATA</p>														EST. GAUGE DEPTH TEMP.		100 °F
<p style="text-align: center;">HOLE & TOOL DATA</p>														BT. P.R.D. No.		396
<p style="text-align: center;">HOLE & TOOL DATA</p>														HR. CLOCK No.		2596
<p style="text-align: center;">HOLE & TOOL DATA</p>														PRD Device No.		1865
<p style="text-align: center;">HOLE & TOOL DATA</p>														SIZE & LENGTH ANCHOR		5" x 15'
<p style="text-align: center;">HOLE & TOOL DATA</p>														SIZE D.E WALL PACKER		6 3/4"
<p style="text-align: center;">HOLE & TOOL DATA</p>														SIZE DRILL PIPE		4 1/2" API FH
<p style="text-align: center;">HOLE & TOOL DATA</p>														SIZE DRILL COLL.		6 3/4" x 60'
<p style="text-align: center;">HOLE & TOOL DATA</p>														SIZE BOTTOM CHOKER		1 1/2"
<p style="text-align: center;">HOLE & TOOL DATA</p>														SIZE SURFACE CHOKER		-
<p style="text-align: center;">HOLE & TOOL DATA</p>														SIZE TOOL VALVE		1"
<p style="text-align: center;">HOLE & TOOL DATA</p>														SIZE PILOT VALVE		-
<p style="text-align: center;">HOLE & TOOL DATA</p>														SIZE HOOK WALL PACKER		-
<p style="text-align: center;">HOLE & TOOL DATA</p>														SIZE RINGS		-
<p style="text-align: center;">HOLE & TOOL DATA</p>														NO. RINGS		-
<p style="text-align: center;">HOLE & TOOL DATA</p>														NO. PACKERS		1
<p style="text-align: center;">HOLE & TOOL DATA</p>														BLANKED OFF		Yes
<p style="text-align: center;">HOLE & TOOL DATA</p>														OFF		Yes
<p style="text-align: center;">HOLE & TOOL DATA</p>														FIELD		Pratt
<p style="text-align: center;">HOLE & TOOL DATA</p>														OFFICE CORRECTED		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2058
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		72
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		30
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		16
<p style="text-align: center;">HOLE & TOOL DATA</p>														PSI		2060

PRESSURE

TIME



65037

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

APT

LEASE

WELL NO.

TEST NO.

COMPANY

DISTRICT

1

4

W. J. COPPINGER

KANSAS

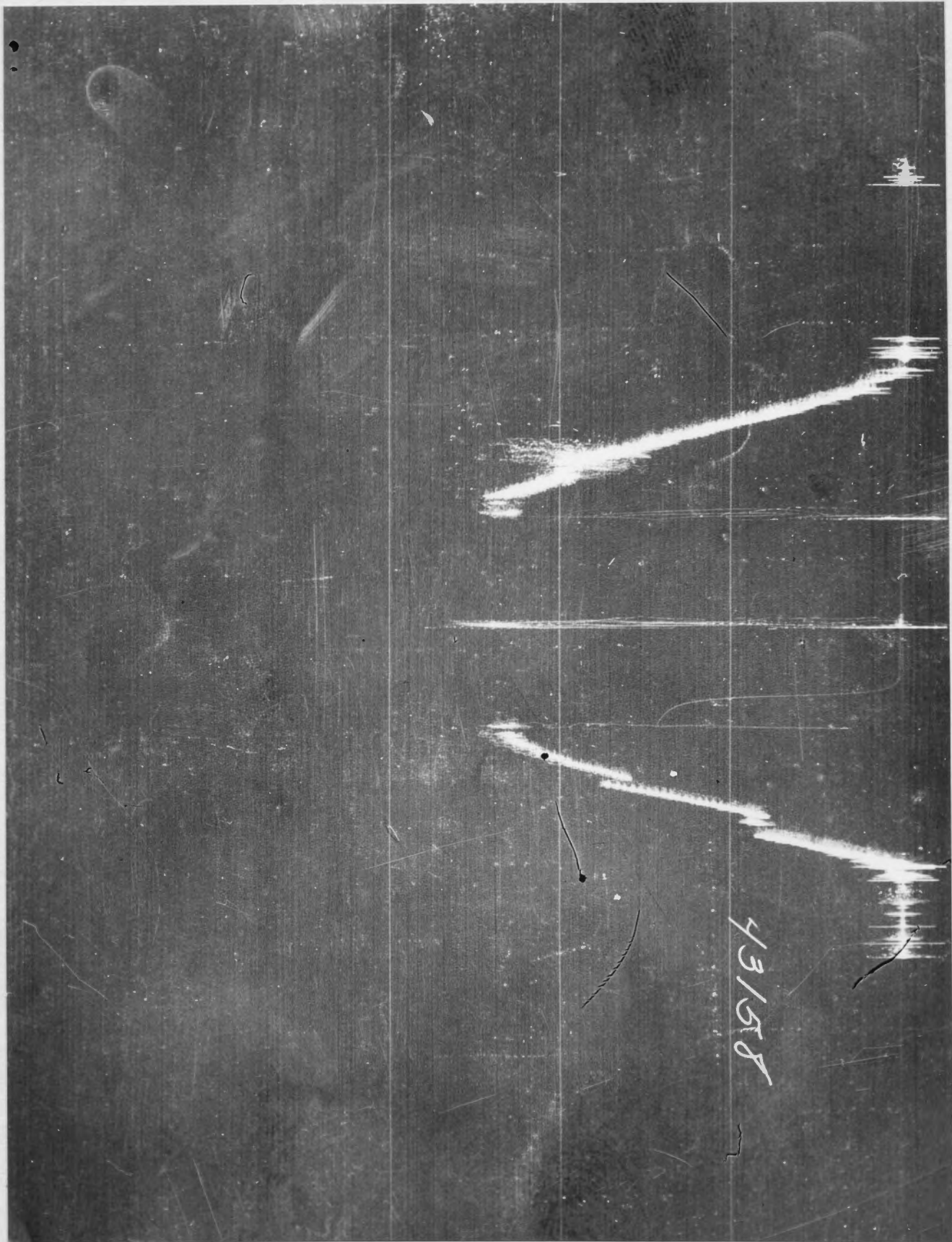


LOCATION	30-27S-13W		DATE		7-22-53
FIELD	Fitzsimmons		Ticket No.		43158T
COUNTY	Pratt		HOWCO DISTRICT		Pratt
STATE	Kansas		Kind of Job		Open Hole
CONTRACTOR	Company Tools		Price		\$215.00
	MUD DATA		Second Packer Assembly		-
Kind	Starch		Safety Joint		-
Weight	10.1	lbs.-gal.	Extra Folder Charge		-
Viscosity	40	Sec.	Jars		-
Filter Loss	17.2	c. c. Filter Cake			
ST. PR.D. No.	375	Blanked Off			
		No			
12	Hr. Clock No.	922	Total		\$215.00
Est. Gauge Depth Temp.	110	'F.	Witnessed By		Jack H. Brown
Pressure Readings	Field	Office Corrected	Tester		L. A. Dugan
Initial Hydro Mud Pressure	2341	p.s.i.	REMARKS:		
Initial Flow Pres.	18	p.s.i.	Size & Length Anchor		5" x 18'
Tool Open	90 minutes		PRD Device No.		1816
Final Flow Pres.	18	p.s.i.	Size D.E. Wall Packer		6 3/4"
Time Closed In	30 minutes		Size Drill Pipe		4 1/2" API FH
Closed In Pres.	1438	p.s.i.	Size Bottom Choke		3/4"
Final Hydro Mud Pressure	2309	p.s.i.	Size Drill Collars		5 3/4" x 57.38'
			Size Pilot Valve		1"
			Size Hook Wall Packer		-
			Size Rings		-
			No. Rings		-
			No. Packers		1
			Blanked Off		Yes
			Amount of Cushion		None
			All depths measured from		Kelly Bushing
			No. Folders Reproduced		Five
			Recovered 40' of watery mud.		
			after 60 minutes with weak blow, dead in 10 minutes.		
			Opened tool with weak intermittent blow, dead in 40 minutes. Opened by-pass and reopened tool		

PRESSURE

TIME

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



43/58