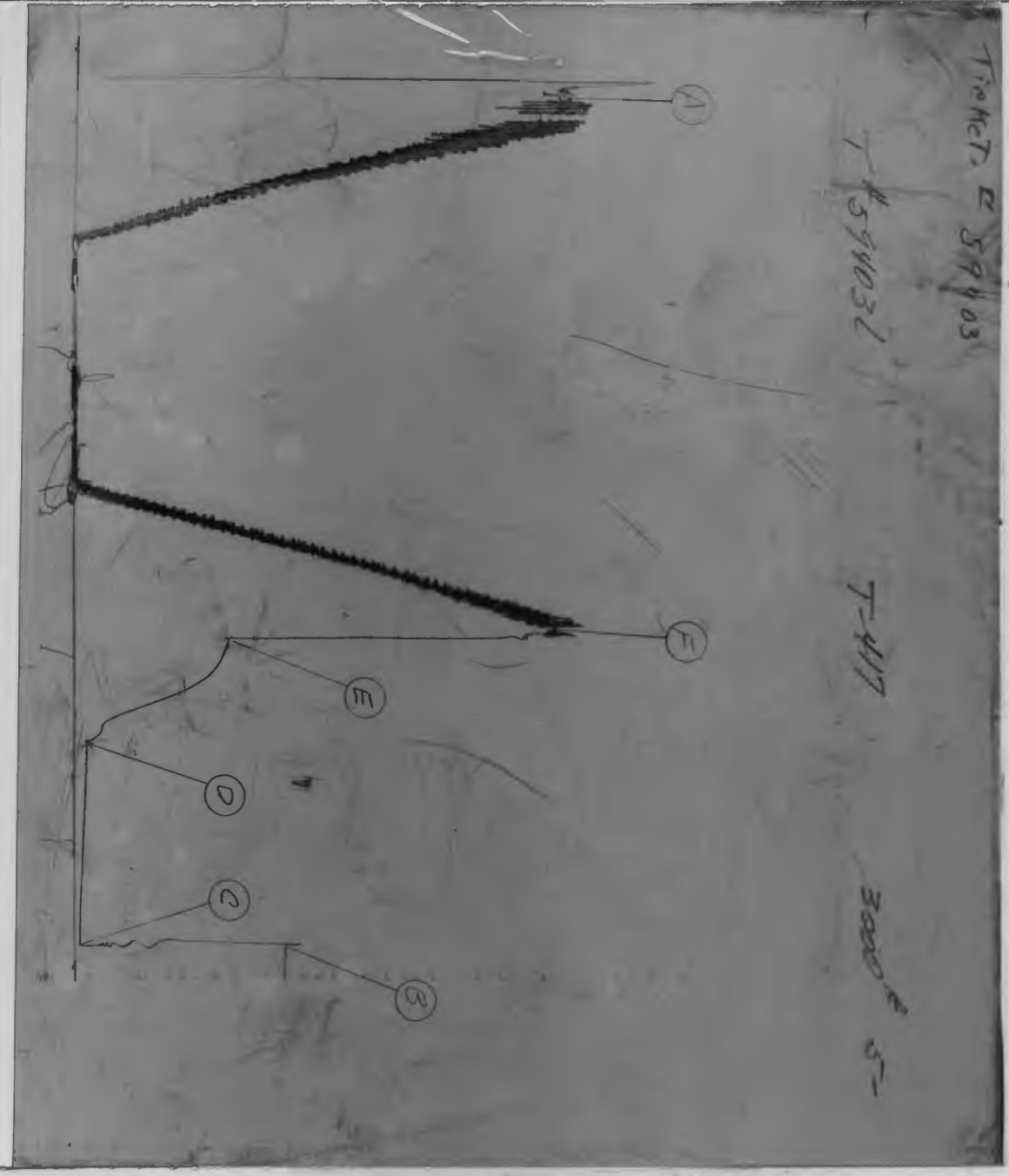


Well Chamber	Length	Amount	Pressure

TIME →



← PRESSURE

TIME DATA		
Initial Shut-in	-	Hrs. 30 Mins.
Flow Period	1	Hrs. - Mins.
Final Shut-in	-	Hrs. 30 Mins.

Well Temperature
PRESSURE READING (P.S.I.G.)

Recorder No. T-417
Capacity (P.S.I.G.) 3000
Location 3310'

A Initial Hyd. Mud.	1741
B Initial Shut-in	769
C Initial Flow	25
D Final Flow	50
E Final Shut-in	*564
F Final Hyd. Mud	1725


REMARKS: Read on 100°F. curve.

Record No.
Capacity (P.S.I.G.)
Location

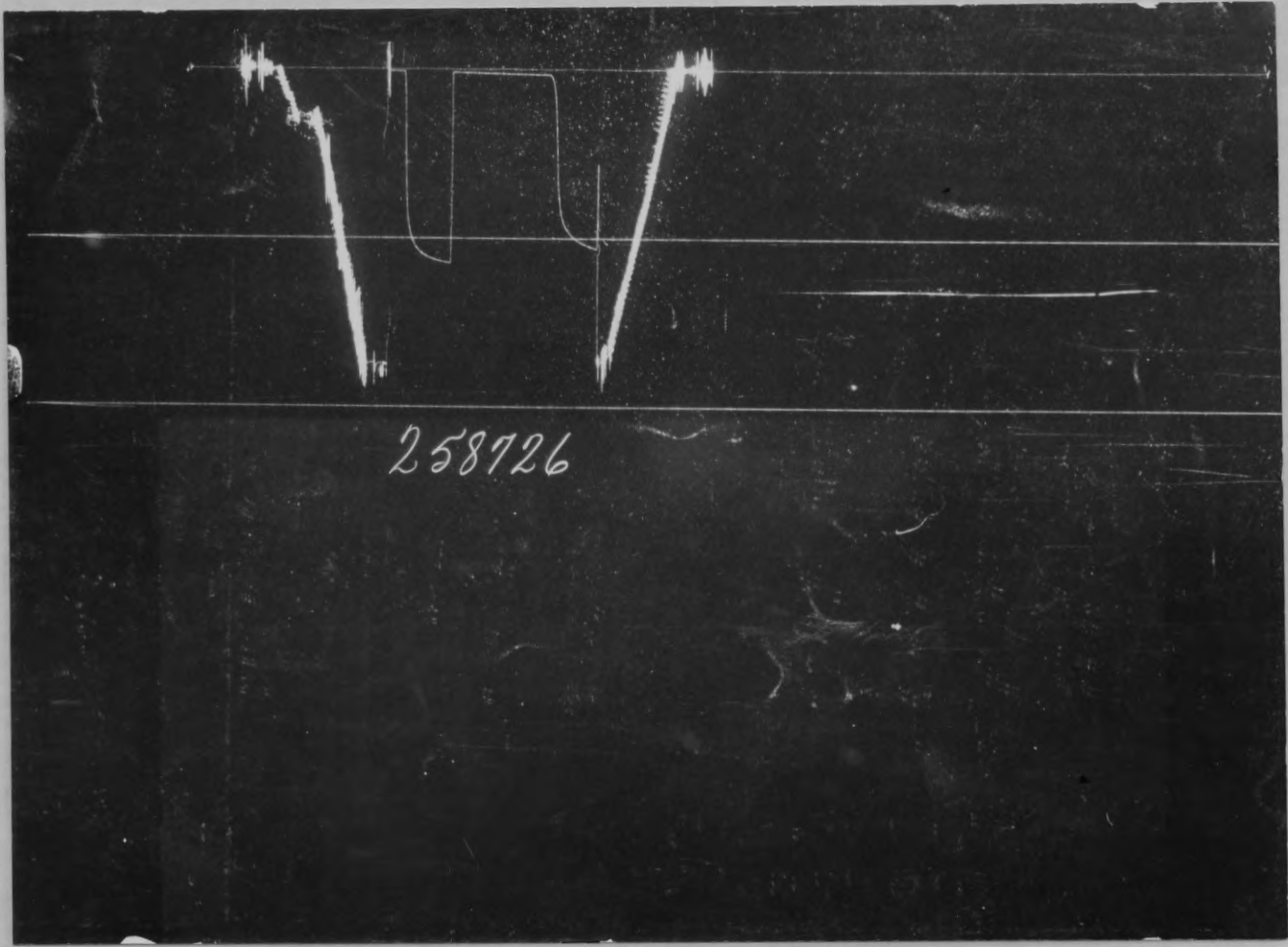
A Initial Hyd. Mud
B Initial Shut-in
C Initial Flow
D Final Flow
E Final Shut-in
F Final Hyd. Mud

REMARKS

*Shut in pressure did not reach static reservoir pressure.

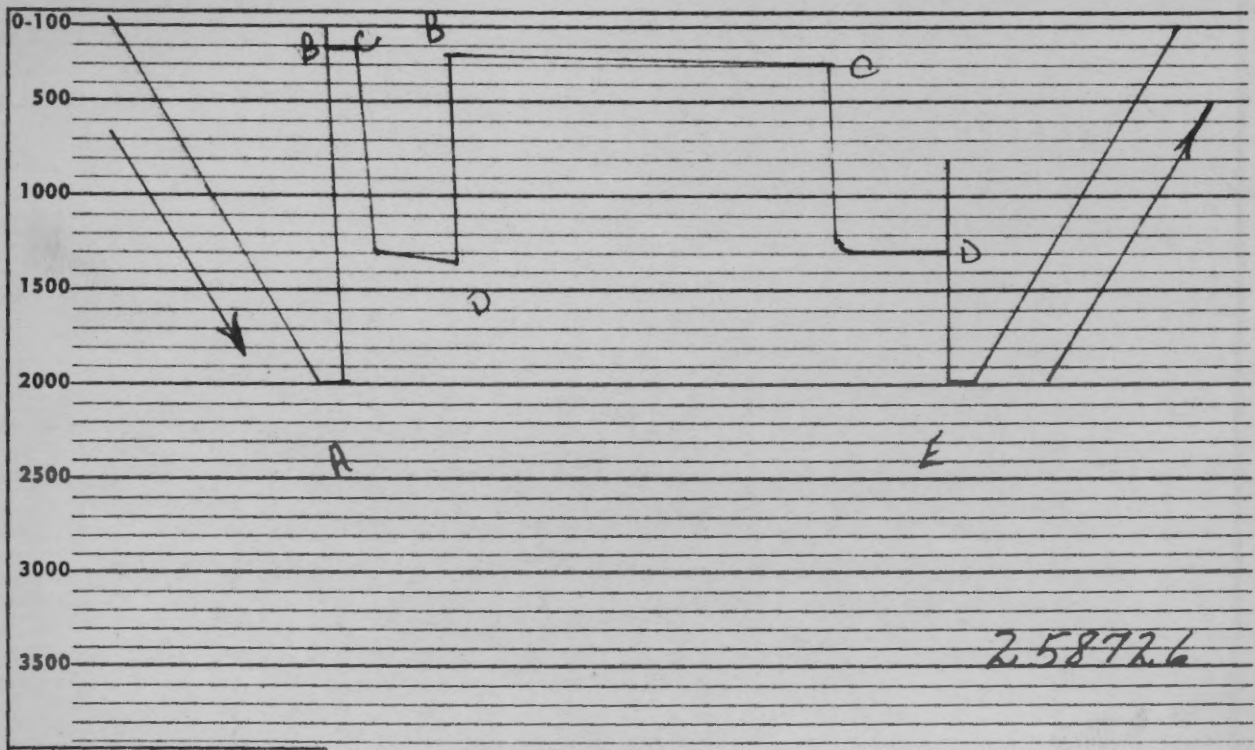
Initial Closed In Time		30 Minutes			Date	4-14-60	
Tool Open Flow Period		1st	2nd		Ticket No.	258726	
		10	60		Minutes		
Final Closed In Time		30 Minutes		HOWCO DISTRICT	WINFIELD, KANSAS		
Depth Top Gauge	3364	Ft.	Blanked Off	NO	Kind of Job	OPEN HOLE	
BT. P.R.D. No	738		12 Hr. Clock	CONTRACTOR TWIN DRILLING COMPANY, INC.			
Pressure Readings	Field		Office Corrected	HOLE & TOOL DATA			
Initial Hydro Mud Pressure			1740	Elevation	1297'	Top Packer Depth	-
Initial Closed in Pres.			1144	Total Depth	3375'	Bottom Packer Depth	3362'
Initial Flow Pres.			12-21	Casing or Hole Size	7 7/8"	Size & Type Wall Packer	6 3/4" E.S.W.P.
Final Flow Pres.			14-33	Liner or Rethole Size	7 7/8"	Size Bottom Choke	5/8"
Final Closed in Pres.			1060	Casing Perforations	Top	Size Surface Choke	1/4"
Final Hydro Mud Pressure			1731	Interval Tested	3362'-3375'	ID & Length Air Chamber	-
Depth Center Gauge	3371	Ft.	Blanked Off	YES	Formation Tested	KANSAS CITY	
BT. P.R.D. No	2083		12 Hr. Clock	Est. Gauge Depth Temp.	Calc. 100 F°	Size Drill Pipe	1 1/2" API F.H.
Pressure Readings	Field		Office Corrected	MUD DATA Weight	9.9	Viscosity	10
Initial Hydro Mud Pressure				All depths measured from	KELLY BUSHING	No. Folders Reproduced	5
Initial Closed in Pres.				REMARKS: Opened tool for 10 minute first flow			
Initial Flow Pres.				at 10:33 A.M. Closed tool for 30 minute			
Final Flow Pres.				initial closed in pressure. Re-opened tool			
Final Closed in Pres.				with very weak blow - dead 11:32. Took 30			
Final Hydro Mud Pressure				minute final closed in pressure.			
Depth Bottom Gauge		Ft.	Blanked Off				
BT. P.R.D. No			Hr. Clock				
Pressure Readings	Field		Office Corrected				
Initial Hydro Mud Pressure							
Initial Closed in Pres.				Recovered	15	Feet of Mud	
Initial Flow Pres.				Recovered		Feet of	
Final Flow Pres.				Recovered		Feet of	
Final Closed in Pres.				Recovered		Feet of	
Final Hydro Mud Pressure				Witnessed By	GEORGE R. JONES		
Amount-Type of Cushion				Tester	B. DUDON		

LOCATION SW NW NE Sec. 12-31S-3W
 LEASE NAME HARE
 WELL NO. 1 B
 TEST NO. 2
 COUNTY SUMNER
 STATE KANSAS
 LEASE OWNER JONES AND GERBERT
 OWNERS DISTRICT KANSAS



PRESSURE

← TIME →



258726

- A—Initial Mud Weight
- B—Initial Flow
- C—Final Flow
- D—Closed In Pressure
- E—Final Mud Weight

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

	Time	PSI	Ticket No. 258726 Lease HARE Well No. 1B Test No. 2 BT No. 738 Depth 3364' 12 Hr. Clock No. 4205 Temperature Corrected to Calc. 100 ° F
Initial Hydro Mud Pressure		1740	
1st	Initial Flow	12	
	Final Flow	14	
	10 Minutes		
Initial Closed In Pressure	30 Minutes	1144	
2nd	Initial Flow	21	
	Final Flow	33	
	60 Minutes		
Final Closed In Pressure	30 Minutes	1060	
Final Hydro Mud Pressure		1731	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
P0	.000	12	.000	14	.000	21	.000	33
P1	.061	14	.0185	922	.098	23	.0188	121
P2			.037	1024	.196	26	.0376	776
P3			.0555	1066	.294	29	.0564	922
P4			.074	1091	.392	33	.0752	964
P5			.0925	1107			.094	994
P6			.111	1119			.1128	1014
P7			.1295	1127			.1316	1030
P8			.148	1134			.1504	1042
P9			.1665	1140			.1692	1053
P10			.185	1144			.188	1060
		Minute Intervals	3	Minute Intervals	15	Minute Intervals	3	Minute Intervals

Remarks: