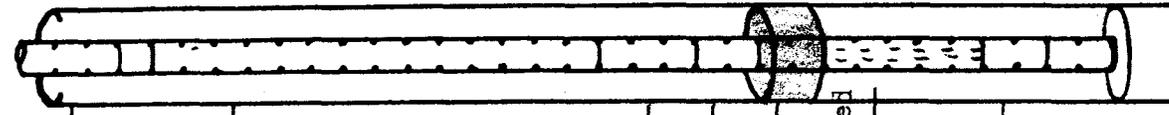


Date 11-18-59 Well Koepferich #1 Wild Cat County Decatur State Kansas
 Formation Test No. 1 Casing Test No. 3938' to 3965' Test Ticket No. 55589 L
 Company K & E Drilling Company Address 719 Union Center Building; Wichita, Kansas
 Tester J. C. Nelson No. of DST Reports Requested 5
TOOL, HOLE & MUD DATA
 Test Approved By Jack H. Brown Conventional
 SURFACE INFORMATION

Well Flowed: No Amount _____
 Reversed Out: No Amount _____
 Recovered: Drilling mud Amount 10'

Formation Tested	Lansing	Elevation	Type Test
3801' of 4 1/2" F.H. Drill Pipe, 3.8" I.D.			Conventional
Circulating sub			
120' of 4 1/2" F.H. Drill Pipe, 3.8" I.D.			
3 1/2" Shut-in hydraulic tool			
4 1/2" Equalizing Valve			
6-5/8" Bob Tail Packer Set at 3938'			
16' of 4 1/2" F.H. Perforated Anchor, 2.5" I.D.			
6' Recorder Carrier			
5' Recorder Carrier			

Total Depth 3965 Ft.
 Main Hole Size 7-7/8" Rat Hole Size
 Casing Size Liner Size
 Bottom Choke Size Open Mud Type Fresh Water
 Mud Weight 9.8 Mud Viscosity 50



Blow Weak blow for 3 minutes.

Maximum Surface Pressure 0#

Description (rate of flow)	Time	Pressure (P.S.I.G.)	Surface Choke
Opened Tool:			
Closed tool for initial shut-in	<u>9:30 PM</u>		
Re-opened tool	<u>9:32 PM</u>		
	<u>9:52 PM</u>		

Remarks:

Remarks: _____

Casing Size _____ Liner Size _____

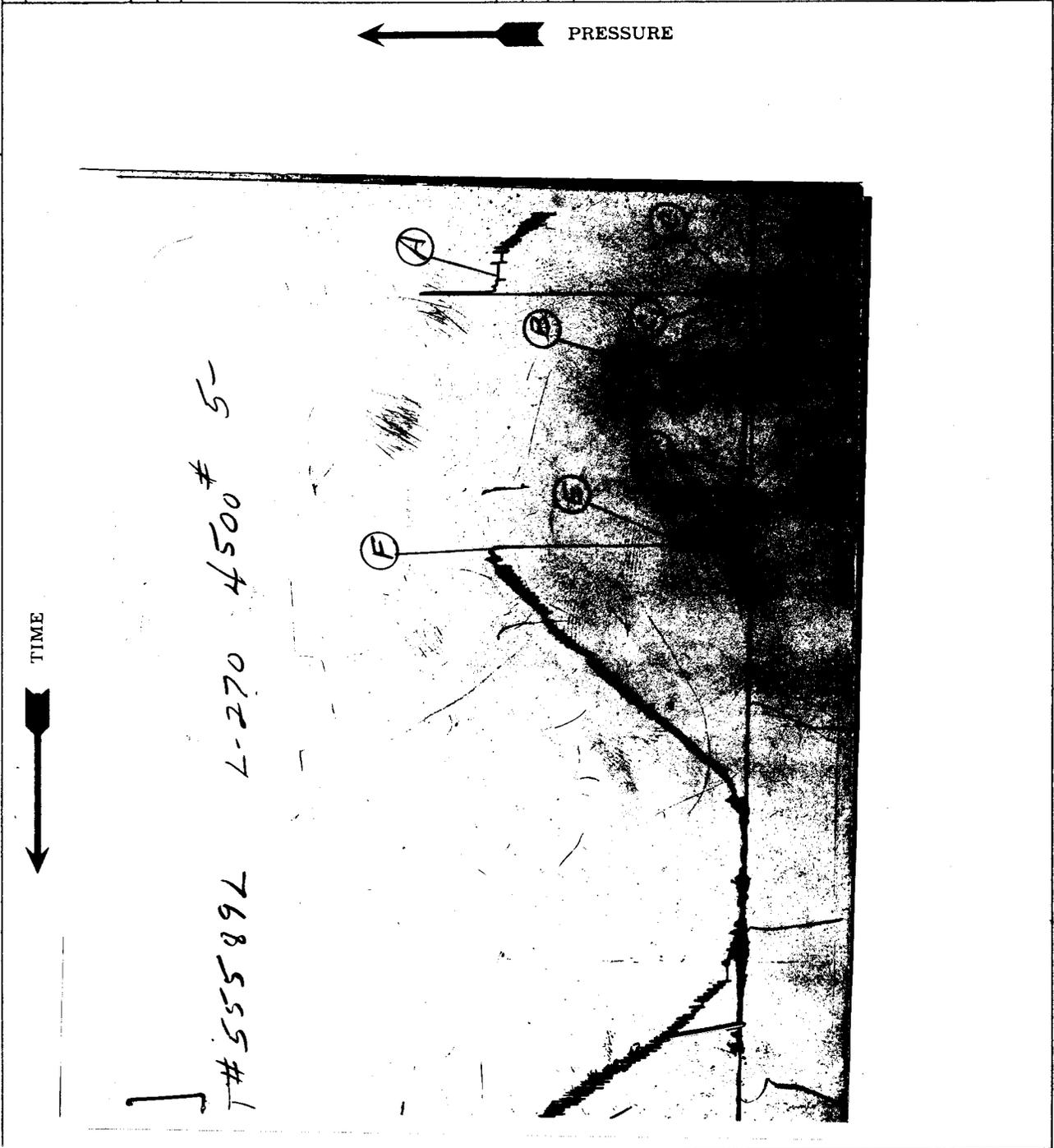
Bottom Choke Size Open Mud Type Fresh Water

Mud Weight 9.8 Mud Viscosity 50

Air Chamber: Length _____ Ft. _____ I.D. _____

Cushion Type _____ Amount _____ Pressure _____

TIME DATA	
Initial Shut-in	_____ Hrs. <u>20</u> Mins.
Flow Period	_____ Hrs. <u>30</u> Mins.
Final Shut-in	_____ Hrs. <u>20</u> Mins.
Well Temperature	<u>104</u> °F.
PRESSURE READING (P.S.I.G.)	
Recorder No.	<u>L-270</u>
Capacity (P.S.I.G.)	<u>4500</u>
Location	<u>3962'</u>
A Initial Hyd. Mud.	<u>2090</u>
B Initial Shut-in	<u>*902</u>
C Initial Flow	<u>31</u>
D Final Flow	<u>46</u>
E Final Shut-in	<u>*660</u>
F Final Hyd. Mud	<u>2116</u>
REMARKS	<u>C-1 31</u> <u>C-2 40</u>
Recorder 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	_____



16-5s-29w

Date 11-19-59 Well Koeperich #1 Wild Cat County Decatur State Kansas
 Formation Test No. 2 Casing Test No. Test Interval 4015' to 4079' Test Ticket No. 55590 L
 Company K & E Drilling Company Address 719 Union Center Building; Wichita, Kansas
 Tester J. C. Nelson Test Approved By Jack H. Brown No. of DST Reports Requested 5
SURFACE INFORMATION TOOL, HOLE & MUD DATA

Well Flowed: No Amount Type Test Conventional Elevation Ft.
 Formation Tested Lansing

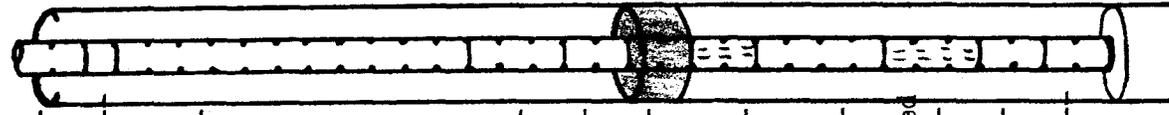
Reversed Out: No Amount All Depths Measured From 3878' of 4 1/2" F.H. Drill
Pipe, 3.8" I.D.

Recovered: Oil cut mud Amount 30'
Heavy oil 1 gallon

Blow Weak blow for 45 minutes.

Maximum Surface Pressure O#
 Description (rate of flow)

Opened Tool: Closed tool for initial shut-in Time 2:14 PM Surface Choke
Re-opened tool 2:16 PM
2:36 PM



Circulating sub 3 1/2" Shut-in hydraulic tool

120' of 4 1/2" F.H. Drill Pipe, 3.8" I.D.

5' of 4 1/2" Perforated Anchor, 2.5" I.D.

31' of 4 1/2" F.H. Drill Pipe, 3.8" I.D.

17' of 4 1/2" F.H. Perforated Anchor, 2.5" I.D.

6' Recorder Carrier

5' Recorder Carrier

Total Depth 4079 Ft.

Main Hole Size 7-7/8" Rat Hole Size Ft.

Casing Size Liner Size

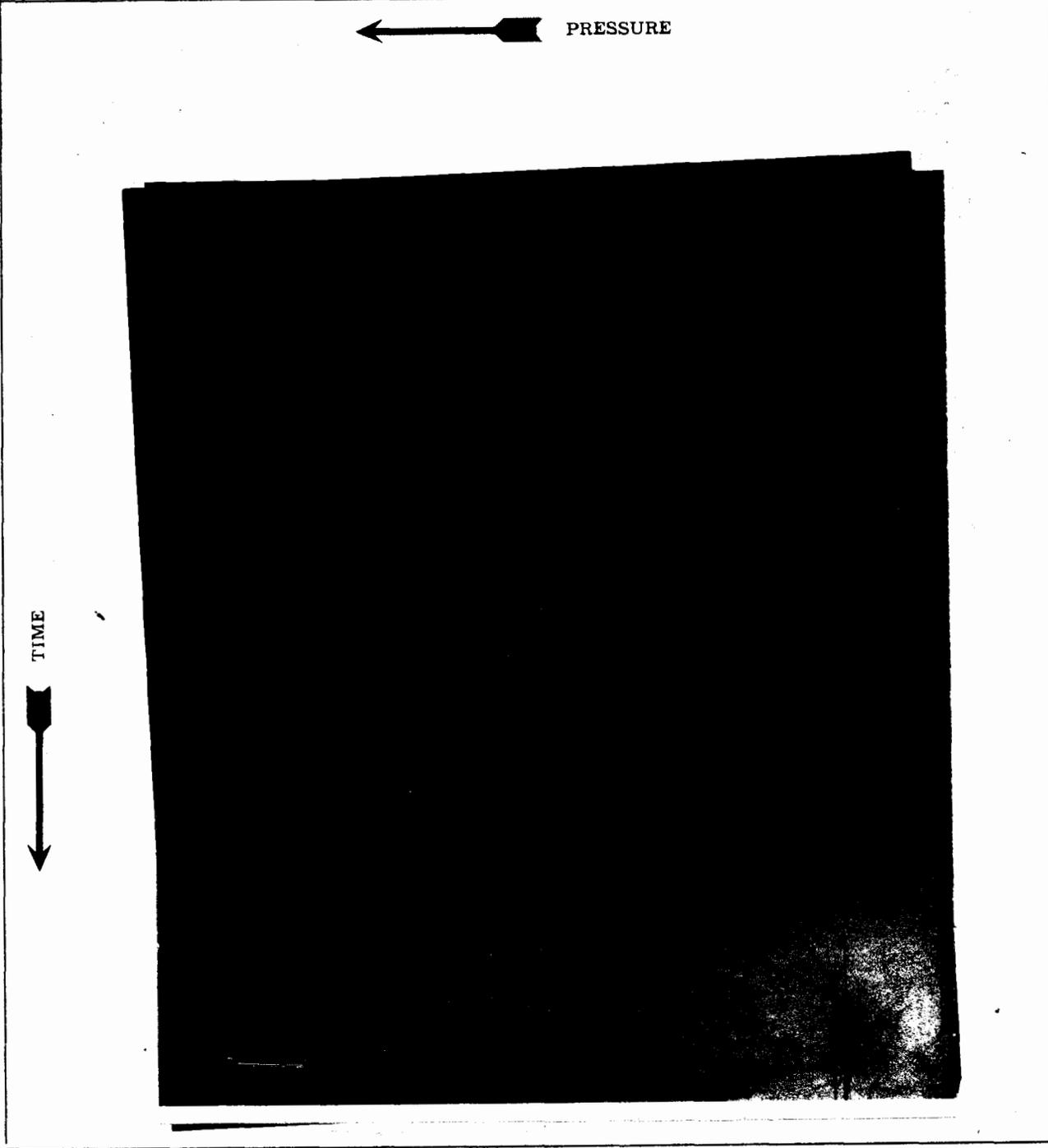
Bottom Choke Size Open Mud Type Fresh Water

Mud Weight 9.9 Mud Viscosity 44

Remarks:

Casing Size _____ Liner Size _____
 Bottom Choke Size Open Mud Type Fresh Water
 Mud Weight 9.9 Mud Viscosity 44
 Air Chamber: Length _____ Ft. _____ I.D. _____
 Cushion Type _____ Amount _____ Pressure _____

TIME DATA
 Initial Shut-in _____ Hrs. 20 Mins.
 Flow Period 1 Hrs. 2 Mins.
 Final Shut-in _____ Hrs. 20 Mins.
 Well Temperature 108 ° F.
 PRESSURE READING (P.S.I.G.)
 Recorder No. L-270
 Capacity (P.S.I.G.) 4500
 Location 4076'
 A Initial Hyd. Mud. 2145
 B Initial Shut-in 75
 C Initial Flow 65
 D Final Flow 85
 E Final Shut-in 111 *
 F Final Hyd. Mud. 2165
 REMARKS C-1 65
C-2 75



*Shut in pressure did not reach static reservoir pressure.

Remarks:

Casing Size _____ Liner Size _____
 Bottom Choke Size Open Mud Type Fresh Water
 Mud Weight 2.3 Mud Viscosity 1.1
 Air Chamber: Length _____ Ft. _____ ID
 Cushion Type: _____ Amount _____ Pressure _____

↑
 TIME

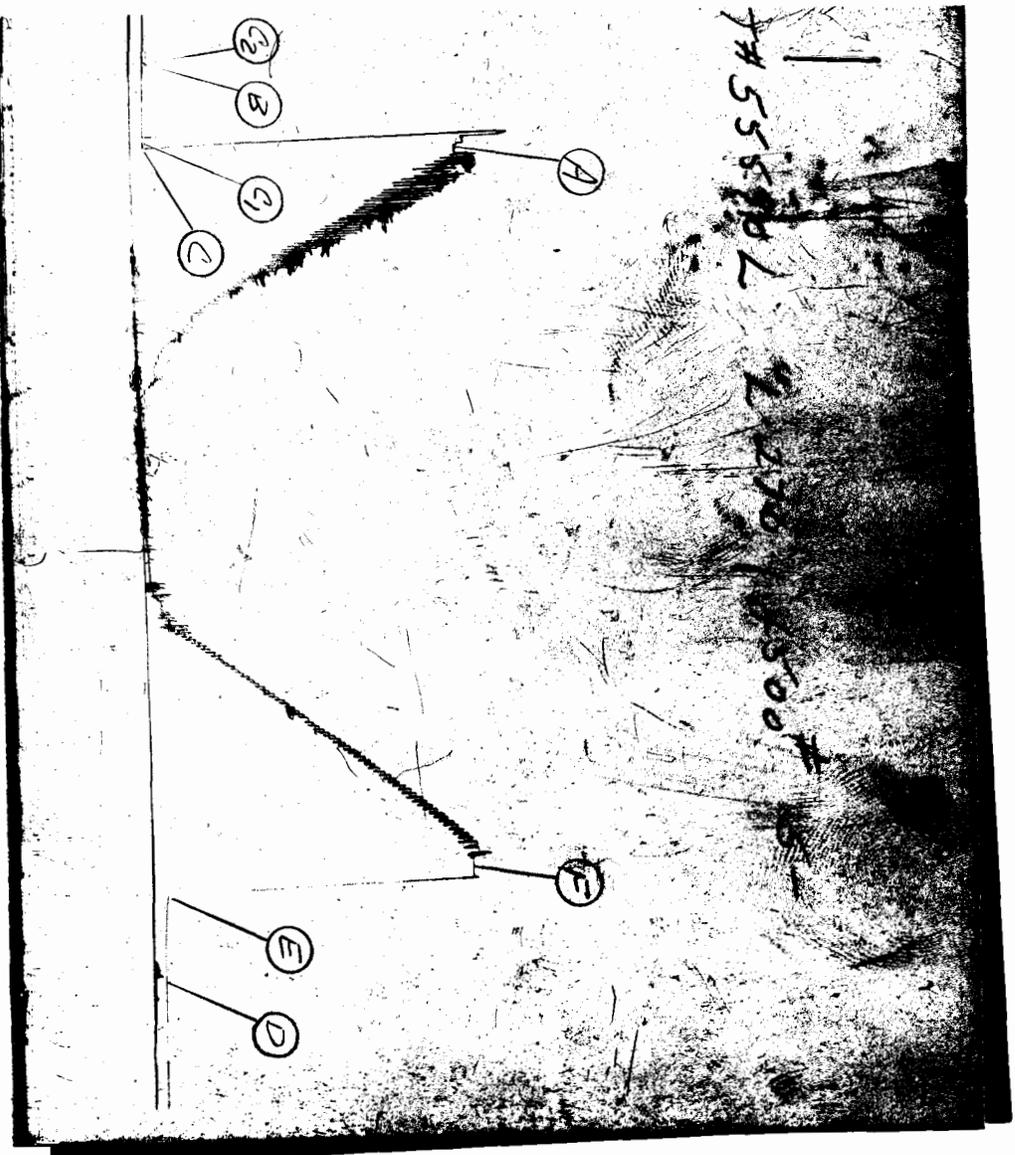
TIME DATA			
Initial Shut-in	_____ Hrs.	_____ Mins.	
Flow Period	_____ Hrs.	_____ Mins.	
Final Shut-in	_____ Hrs.	_____ Mins.	

Well Temperature _____ ° F
 PRESSURE READING (P.S.I.G.) _____

Recorder 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 _____

→
 PRESSURE



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.