

Date 6-8-59 Well Hays #1 Field N. Kingman County Reno State Kansas
 Formation Test No. 1 Casing Test No. - Test Interval 3945' to 3963' Test Ticket No. 57522 L
 Company Aylward Drilling Company Address 813 First National Bank Building; Wichita, Kansas
 Tester L. E. Willbanks Test Approved By Charlie Williams No. of DST Reports Requested 5

SURFACE INFORMATION

TOOL, HOLE & MUD DATA

Well Flowed: No Amount

Type Test Conventional
 Formation Tested Mississippi Elevation 1605 Ft.
 All Depths Measured From derrick floor.

Reversed Out: No Amount

3789' of 4½" F.H. Drill
 Pipe, 3.8" I.D.

Recovered: Slightly gas cut muddy water and salt water Amount 865'

Circulating Sub-----

120' of 4½" F.H. Drill
 Pipe, 3.8" I.D.

Blow Strong throughout test.

4½" F.H. Disc Valve-----
 Cross-over Sub-----
 5' of 4½" F.H. Air Chamber
 3.8" I.D.

Maximum Surface Pressure - -
 Description (rate of flow)

Opened Tool: Opened tool to surface Time 12:34 PM Pressure - Surface Choke 3/4"
12:54 PM -

Cross-over Sub-----
 3½" F.H. Shut-in Hyd. Tool

Cross-over Sub-----
 4½" Reg. Homco Sfty. Jt.--
 6 5/8" Bob Tail Packer set
 @ 3945'

8' of 3½" FH Perf. Anchor-

6' Recorder Carrier-----

4' Recorder Carrier-----

Total Depth 7 7/8" 3963 Ft.

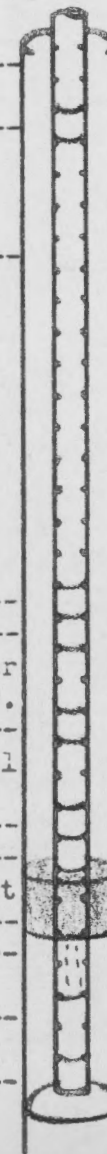
Main Hole Size - Rat Hole Size -

Casing Size - Liner Size -

Bottom Choke Size 1/2" Mud Type Starch

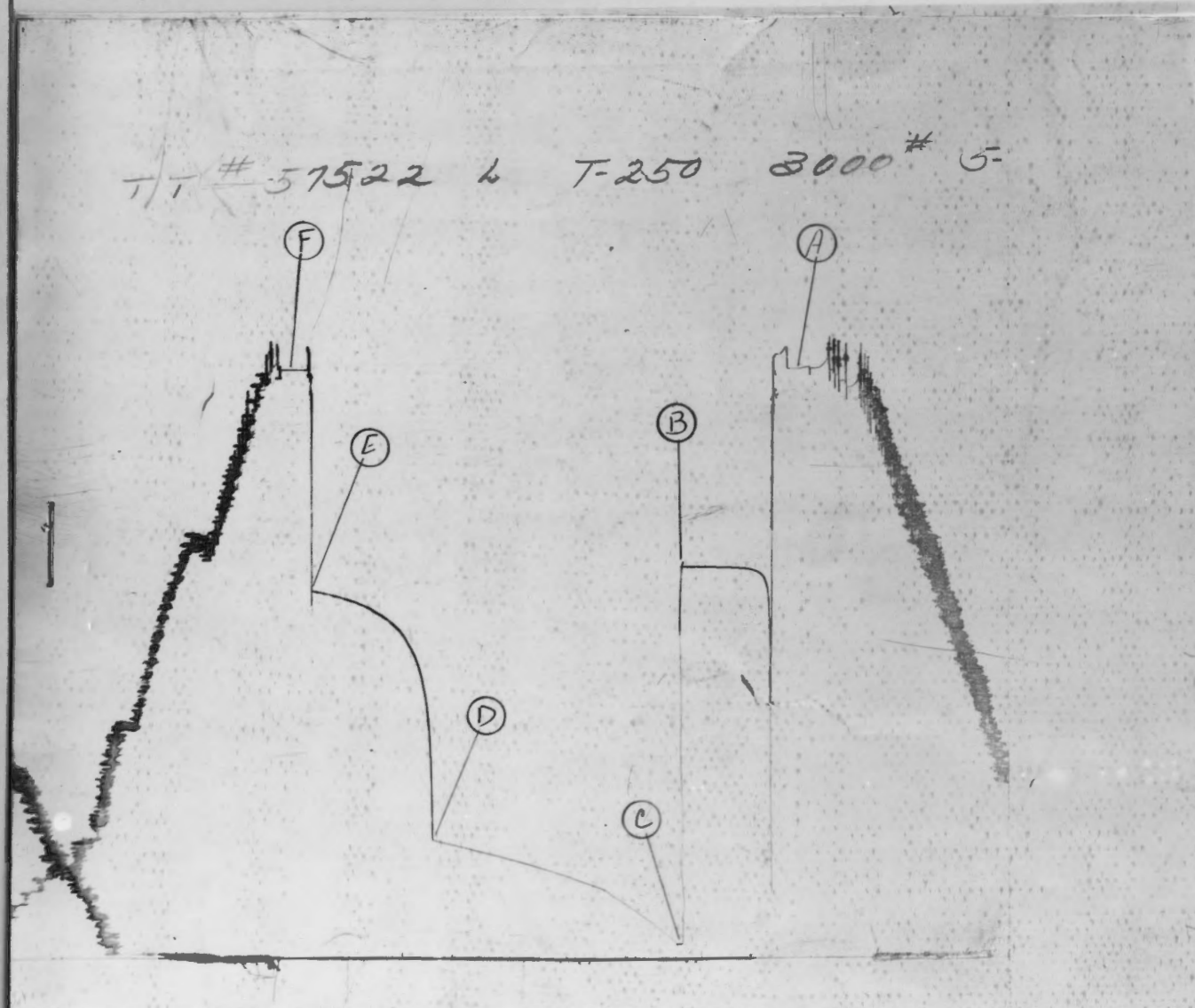
Mud Weight 10.1 Mud Viscosity 40

Remarks:



Air Chamber:	Length	5	Ft.	3.8"	I.D.
	Cushion Type	-	Amount		Pressure

← TIME



TIME DATA

Initial Shut-in	-	Hrs.	20	Mins.
Flow Period	1	Hrs.	-	Mins.
Final Shut-in	-	Hrs.	30	Mins.

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

Recorder No.	T-250
Capacity (P.S.I.G.)	3000
Location	3953'

A Initial Hyd. Mud.	2160
B Initial Shut-in	1435
C Initial Flow	56
D Final Flow	437
E Final Shut-in	1348
F Final Hyd. Mud	2151

REMARKS

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

Well Temperature	125	°F.
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Date 6-12-59 Well Hay #1 Field Wild Cat County Reno State Kansas
 Formation Test No. 2 Casing Test No. - Test Interval 3550' to 3564' Test Ticket No. 57379 L
 Company Aylward Drilling Company Address 813 First National Bank Building; Wichita, Kansas
 Tester H. M. Raymer Test Approved By Charlie Williams No. of DST Reports Requested 5
 SURFACE INFORMATION TOOL, HOLE & MUD DATA

SURFACE INFORMATION

TOOL, HOLE & MUD DATA

Type Test Conventional
Formation Tested Kansas City Elevation 1605 DF Ft.
All Depths Measured From Derrick Floor
3521' of 4 1/2" Drill Pipe,
3.8" I.D.

Circulating sub--
120' of 4½" Drill
Pipe, 3.8" I.D.--

Disc Valve-----
Cross over sub----
5' of $4\frac{1}{2}$ " F.H. Air
Chamber, 3.8" I.D.
Cross over sub----
 $3\frac{1}{2}$ " Hydraulic tool

Cross over sub-----
4½" Homco safety joint
6-5/8" Bob Tail Packer
Set at 3550'-----
4' of 3½" Perforated
Anchor-----

6' Recorder Carrier

4' Recorder Carrier

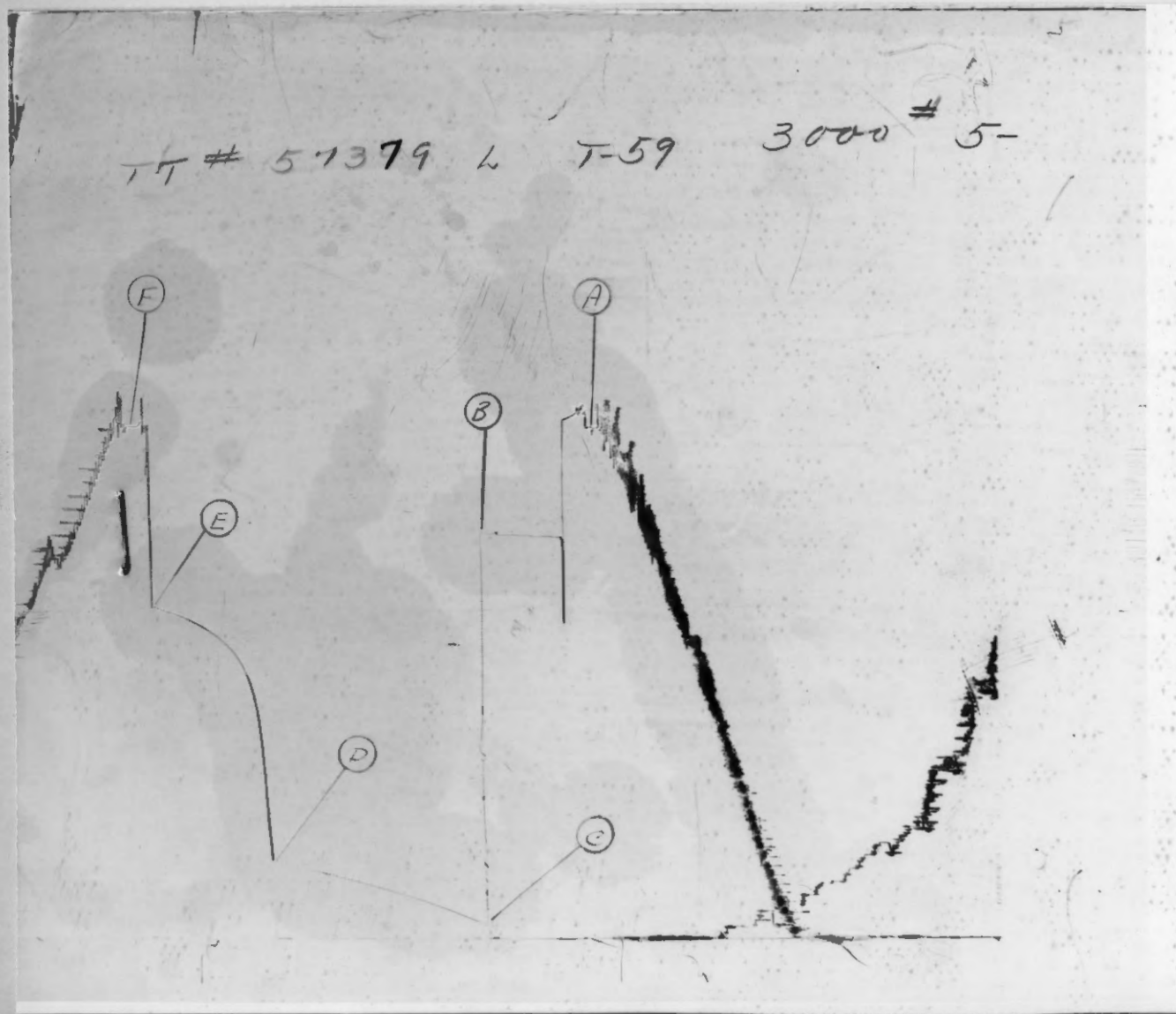
Remarks:

Total Depth 3564 Ft.
Main Hole Size 7-7/8" Rat Hole Size -
Casing Size - Liner Size -
Bottom Choke Size 1/2" Mud Type Starch
Mud Weight 9.8 Mud Viscosity 45
Air Chamber Length 5 Ft. 2.8"

Remarks:

Total Depth 3564 Ft.
 Main Hole Size 7-7/8" Rat Hole Size -
 Casing Size - Liner Size -
 Bottom Choke Size 1/2" Mud Type Starch
 Mud Weight 9.8 Mud Viscosity 45
 Air Chamber: Length 5 Ft. 3.8" I.D.
 Cushion Type Amount Pressure

← TIME



TIME DATA

Initial Shut-in - Hrs. 24 Mins.
 Flow Period 1 Hrs. - Mins.
 Final Shut-in - Hrs. 30 Mins.

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

Recorder No. T-59
 Capacity (P.S.I.G.) 3000
 Location 3556'

A Initial Hyd. Mud. 1837
 B Initial Shut-in 1453
 C Initial Flow 59
 D Final Flow 281
 E Final Shut-in 1190
 F Final Hyd. Mud. 1840

REMARKS

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 _____

Well Temperature 131 °F.