

Date 2-1-61 Well 1 Gentry #2 Wild Cat Field 4864' to 4910' County Barber State Kansas
Formation Test No. 1 Casing Test No. - Test Interval - Test Ticket No. 61191 L
Company Gralapp and Everly Address State Bank Bldg; Windfield, Kansas
Tester Guy M. Knipe Test Approved By George R. McNeish No. of DST Reports Requested 8 XXX
TOOL, HOLE & MUD DATA

Well Flowed: No Type Test Convntional Formation Tested Miss. Elevation 1388 DF Ft.
All Depths Measured From Kelly Bushing
4733' of 3 1/2" IF Drill
Pipe, 2.7" ID

Reversed Out: No Circulating Sub

Recovered: Below Circulating Sub Amount 31'
Drilling mud

Blow Weak for 5 minutes, on first opening. After re-opening
tool, had few bubbles then died.

Maximum Surface Pressure None Pressure (P.S.I.G.) - Surface Choke 3/4"
Description (rate of flow)

Opened Tool: Closed tool for initial shut-in Time 12:50 PM
Re-opened tool 12:55 PM
1:15 PM

36' of 3 1/2" Perf. Anchor

6' Recorder Carrier

4' Recorder Carrier

Total Depth 4910 Ft. Main Hole Size 7 7/8" Rat Hole Size -

Casing Size - Liner Size - Bottom Choke Size 3/4" Mud Type Chemical

Remarks: Well Location : S23-33S-15W.

underneath chart.

Air Chamber: Length _____ Ft. _____ I.D. _____
Cushion Type _____ Amount _____ Pressure _____

TIME

TIME DATA

Initial Shut-in _____ Hrs. 20 Mins.
Flow Period _____ Hrs. 32 Mins.
Final Shut-in _____ Hrs. 20 Mins.

Well Temperature _____ 116 °F.

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

Recorder No. T-250

Capacity (P.S.I.G.) 3000

Location 4900'

A Initial Hyd. Mud. 2621

B Initial Shut-in *345

C Initial Flow 68

D Final Flow 83

E Final Shut-in *121

F Final Hyd. Mud. 2634

REMARKS C-1 74

C-2 103

Recorder No.

Capacity (P.S.I.G.)

Location

A Initial Hyd. Mud

B Initial Shut-in

C Initial Flow

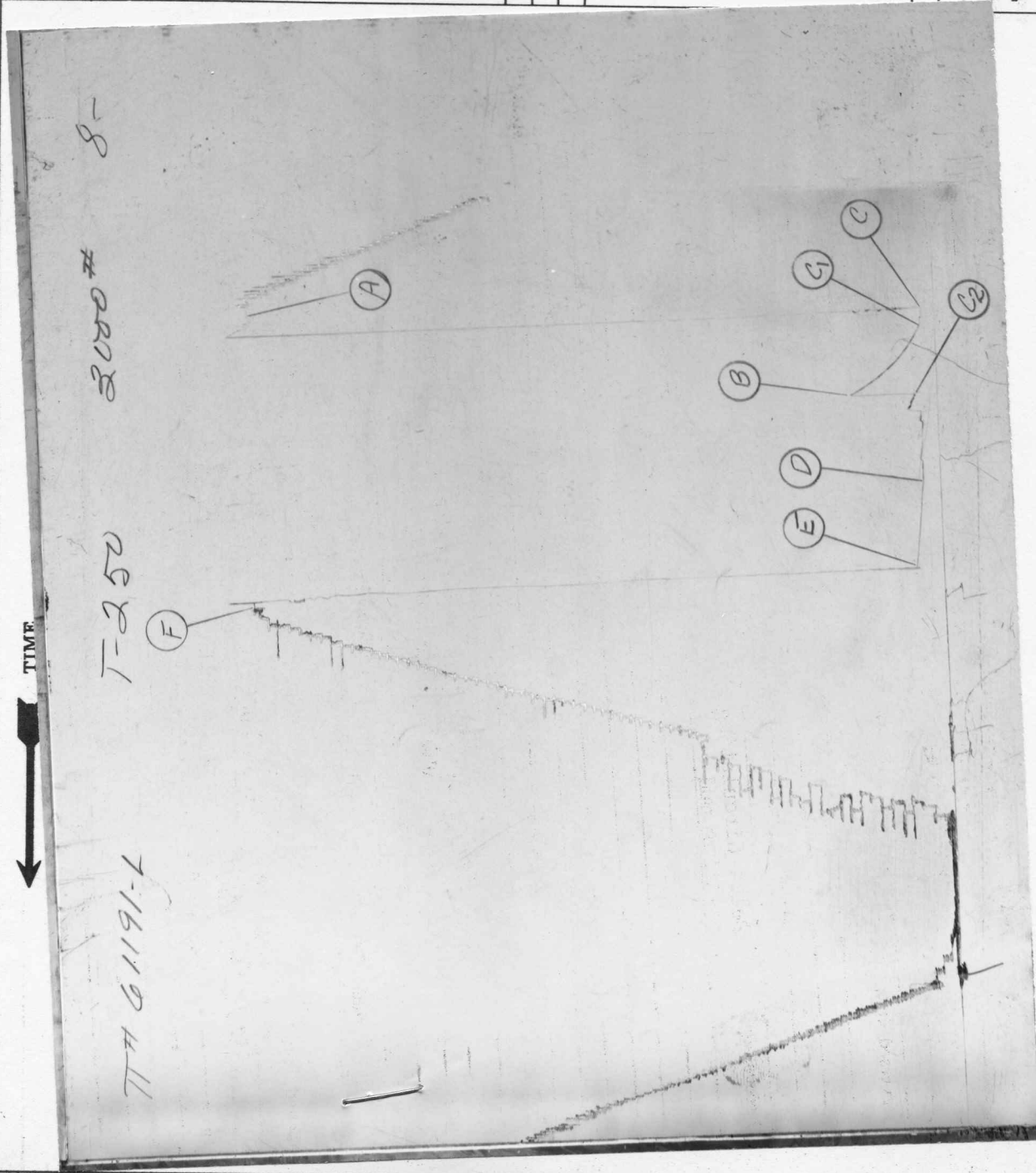
D Final Flow

E Final Shut-in

F Final Hyd. Mud

REMARKS

*Shut in pressure did not reach static reservoir pressure.



All these methods are carried out by allowing only a minimum of formation fluid to be produced. This initial shut-in pressure is the best method yet devised for recording the original, undisturbed reservoir pressure of a formation.

F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
Z — Special pressure points such as pumping pressure recorded for formation breakdown.

into the hole. Then the fluid cushion pressure is recorded as the drill pipe is filled with fluid. As more stands are run into the hole, the recorder registers the hydrostatic pressures of the cushion. When the main cushion valve is opened the pressure of the cushion column is added to the flowing pressure of the formation (which is the flowing pressure of the formation).