

SURFACE INFORMATION

[illegible]

RECOVERY DATA

[illegible]

Remarks:

EQUIPMENT, HOLE & MUD DATA

Type Test	CONVENTIONAL	OPEN HOLE
Formation Tested	PENN.	MARM.
Elevation	1533	Ft.
Net Productive Interval	75	Ft.
Estimated Porosity	-	%
All Depths Measured From	GROUND	

EQUIPMENT SEQUENCE

[illegible]

Total Depth	4505	Ft.
Main Hole/Casing Size	7 7/8"	
Rat Hole/Liner Size	-	
Bottom Choke Size	5/8"	
Mud Type	CHEMICAL	Wt. 10.4
Viscosity	42	Water Loss 16.2 C.C.

Cushion Type	Amount NONE	Pressure

Address BOX 521; TULSA, OKLAHOMA

Company SINCLAIR OIL AND GAS

Well BEVANS #1

Test Interval 4430' to 4505'

Location NE 35-33s-12w

Test # 1

Field GREYNDYKE

Date 11-22-64

County BARBER

State

KANSAS

Field Report No. 13471 A

Technician PATTERSON (PRATT)

Test Approved By MR. R. W. SHERWIN, JR.

No. Reports Requested 5 xx

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

A. Initial Hyd. Mud B. Initial shut-in C. Initial flow D. Final Flow E. Final shut-in F. Final Hyd. Mud
The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures

B-1, B-2, B-3, etc. The Initial Shut-in Pressures

C-1, C-2, C-3, etc. Flowing Pressures

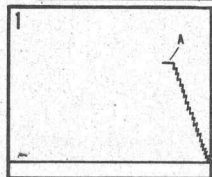
D-1, D-2, D-3, etc. The Final Flow Pressures

or Final Shut-in Pressures

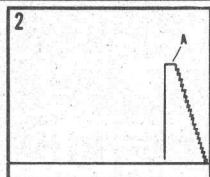
E-1, E-2, E-3, etc. The Final Shut-in Pressures

F-1, F-2, F-3, etc. Final Hyd. Mud Pressures

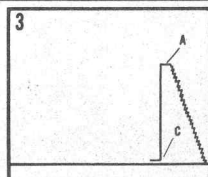
Z - Special pressure points such as pumping pressure recorded for formation breakdown.



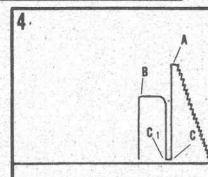
The pressure chart records the buildup in hydrostatic pressure as the testing assembly is lowered into the hole. Upon reaching the testing depth the hydrostatic head or pressure of mud column is recorded.



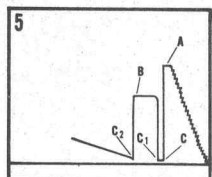
The packer is expanded and set to isolate the test zone. When the test valve is opened a pressure drop is indicated on the pressure chart. This pressure drop is caused by removal of the hydrostatic mud pressure from the formation, allowing the formation to produce.



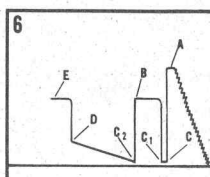
The pressure of fluid flowing from the formation into the well bore, through the perforated anchor, and into the drill pipe, is recorded on the chart.



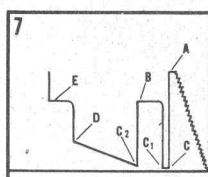
This chart shows the initial shut-in pressure. The methods by which this pressure can be taken allow only a minimum of formation fluid to be produced. This initial shut-in pressure is the best method yet devised for recording the original, undisturbed reservoir pressure of a formation.



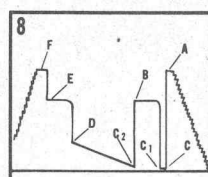
The test tool has been opened to the surface either by breaking a disc, rotating a shut-in tool open or by reopening the main testing valve to permit the formation to produce. The pressure of fluid flowing from the formation into the well bore, through the perforated anchor, and into the drill pipe, is recorded on the chart.



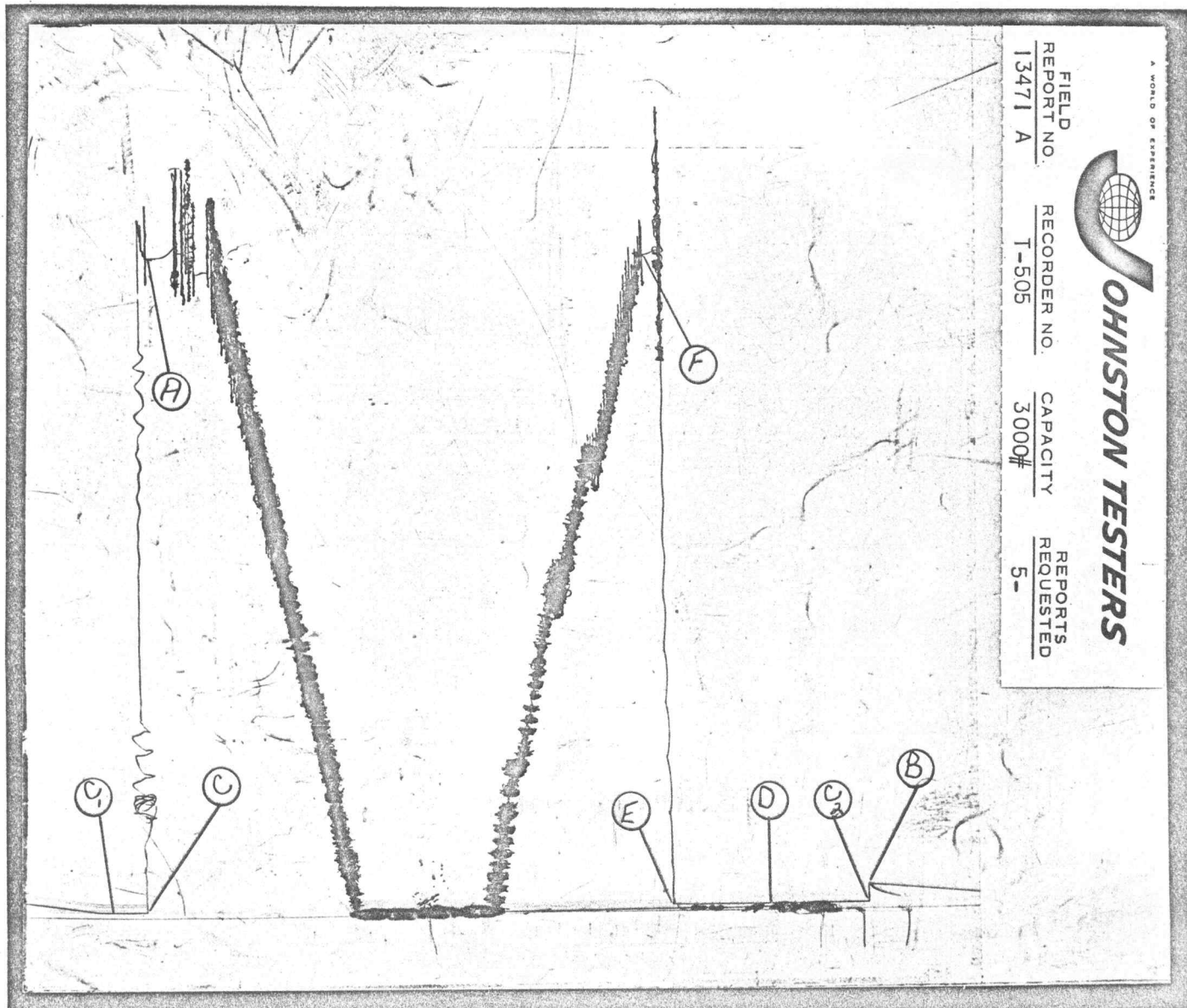
The final shut-in pressure is taken by stopping the flow of formation fluid into the drill pipe. Note the characteristic build-up curve. The well bore pressure is approaching equilibrium with the static reservoir pressure. When the shut-in curve levels off the static reservoir pressure has been reached.



The chart shows the equalizing; the by-pass ports have been opened permitting the drilling fluid to flow through the packer to the test zone. Thus, pressure is equalized above and below the packer. The equalization of the pressure facilitates easier removal of the packer from the packer seat.



The packer has been unseated. The testing assembly is being removed from the hole.



FIELD
REPORT NO.
13471 A

RECORDER NO.
T-505

CAPACITY
3000#

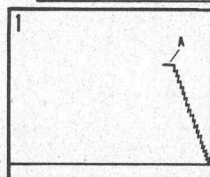
REPORTS
REQUESTED
5-

A WORLD OF EXPERIENCE
JOHNSTON TESTERS

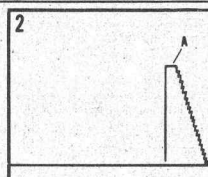
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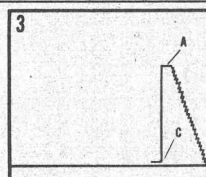
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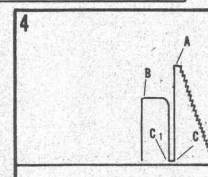
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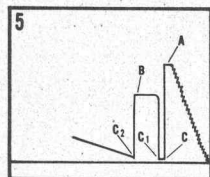
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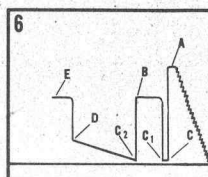
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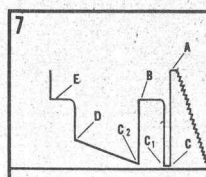
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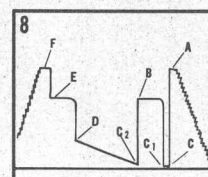
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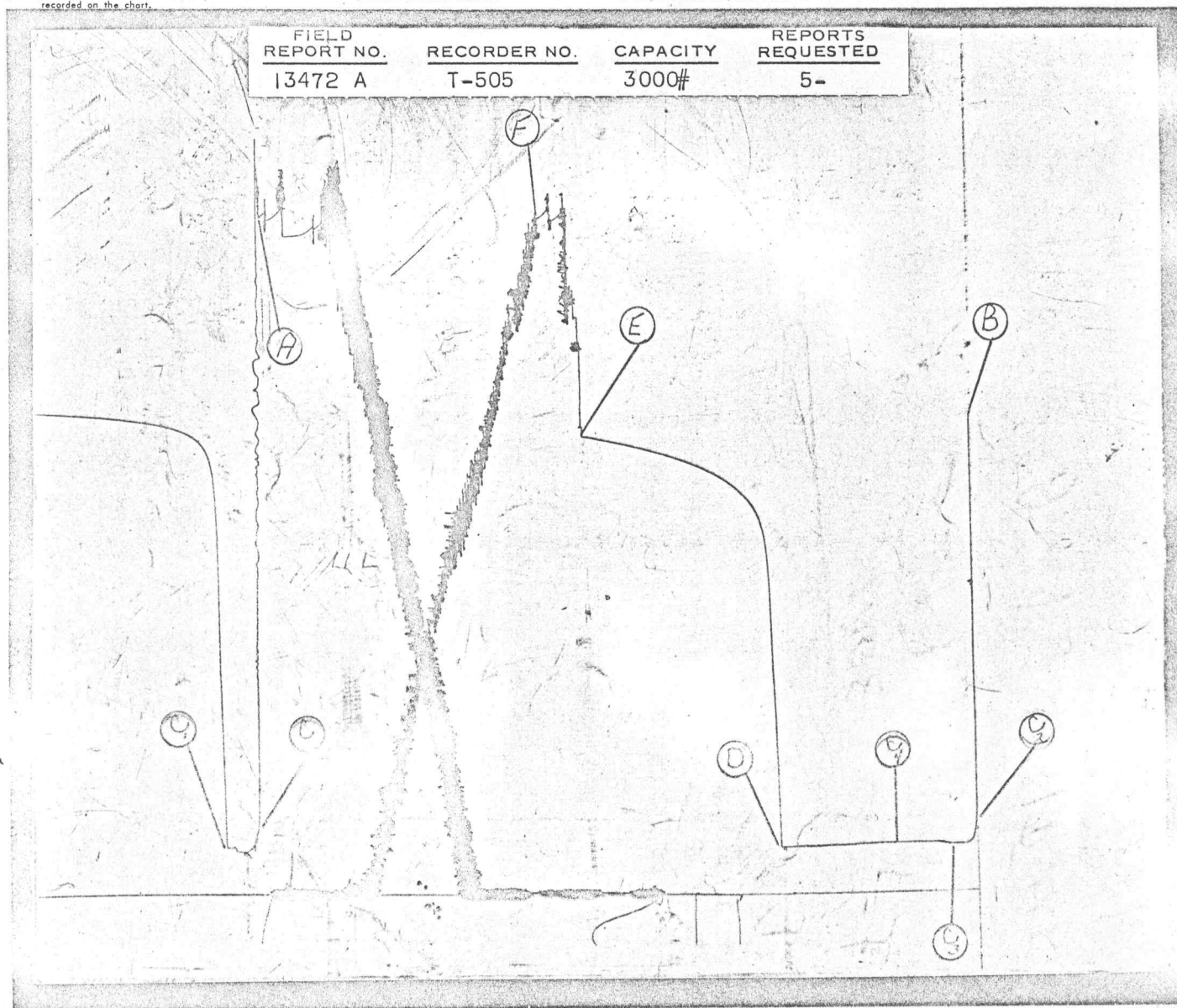
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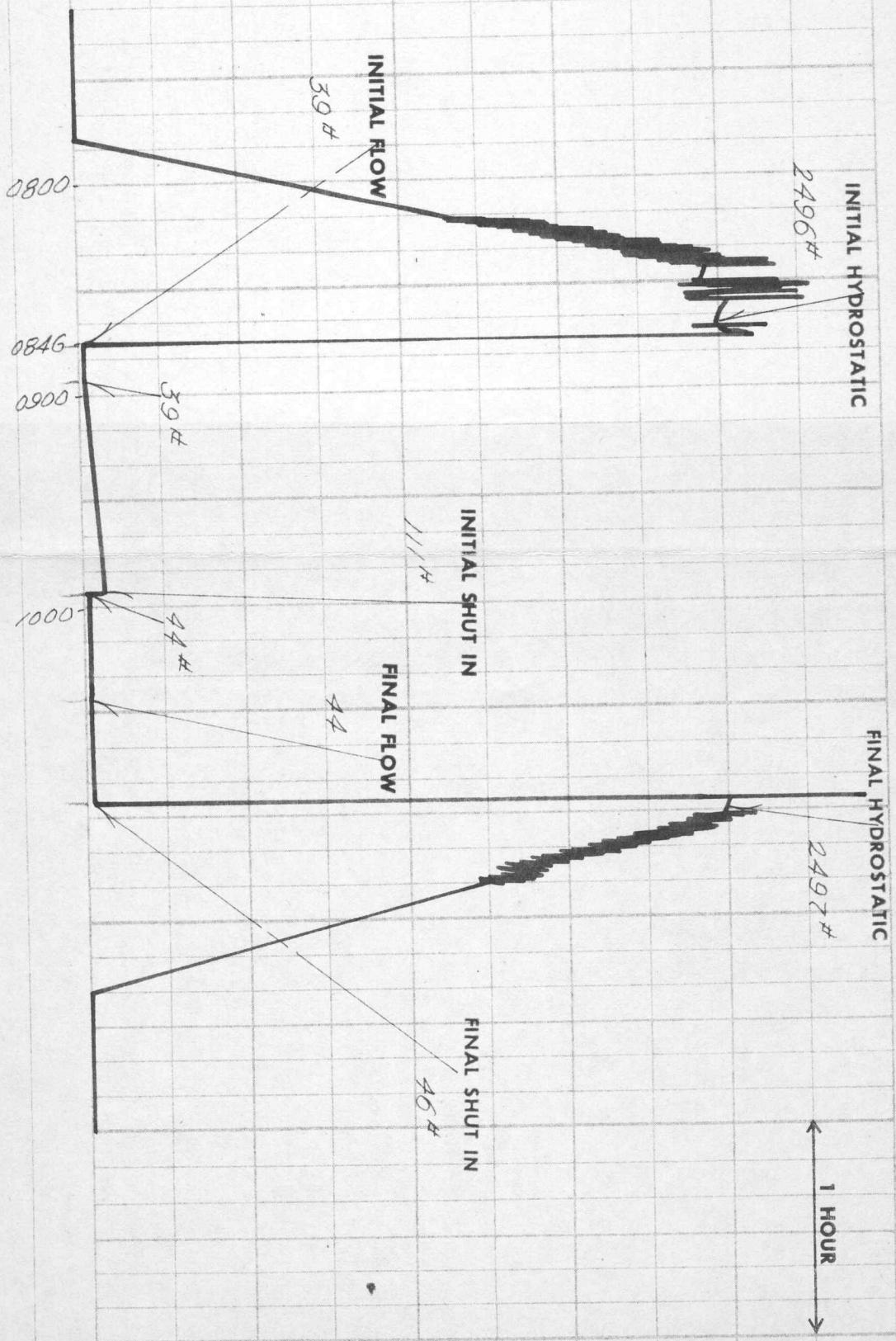


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A WORLD OF EXPERIENCE



OHNSTON TESTERS

Pressure Log*

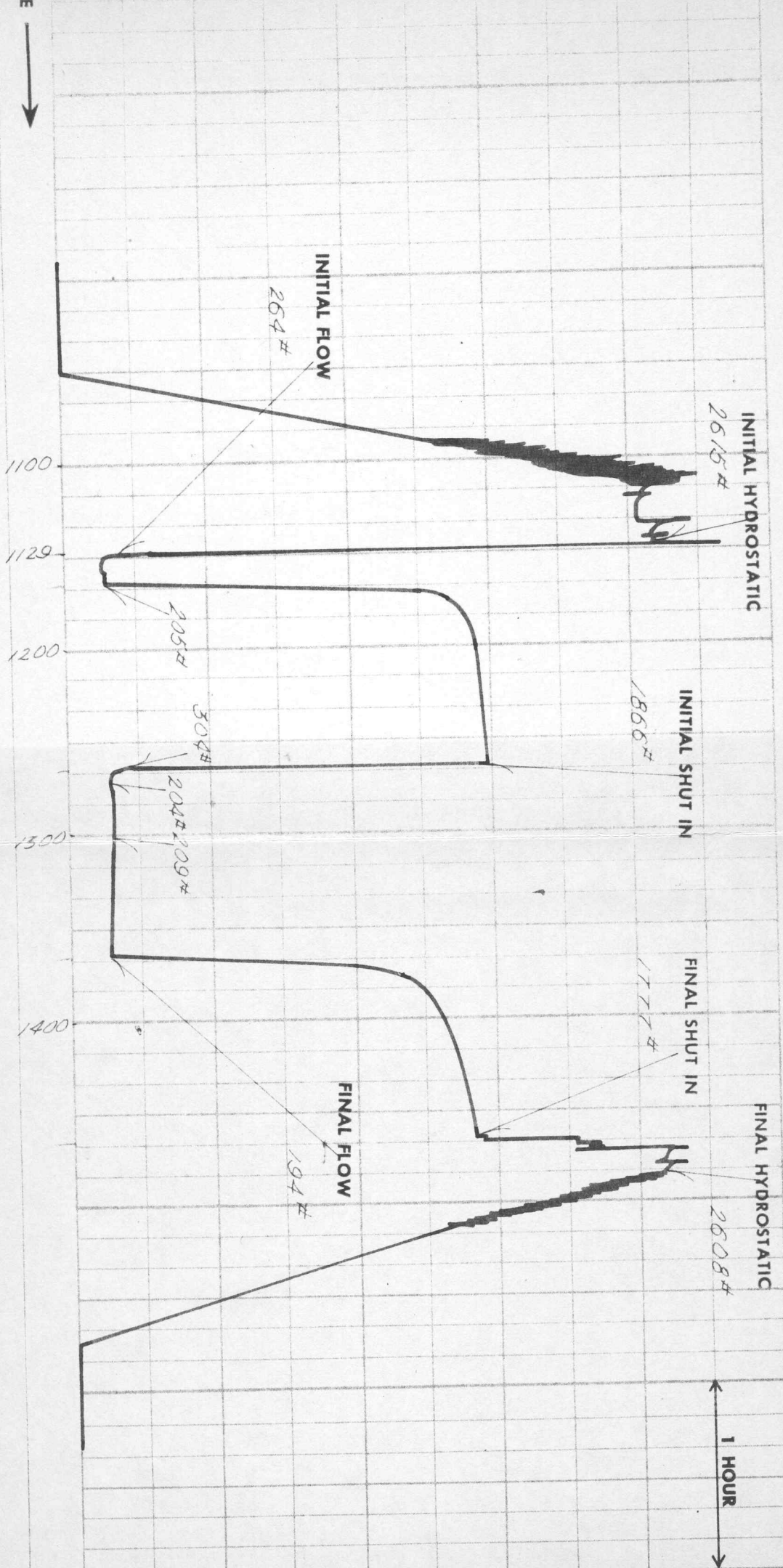
Field Report No. 13471A

Instrument:
Number F-505

Capacity 3000 p.s.i.

Depth 4431 ft.

* a continuous tracing of the original chart





Field Report No. 13472A

Instrument:
Number 7505

Capacity 3000 p.s.i.

Depth 4609 ft.

* a continuous tracing of the original chart