

No. Reports Requested 5

PRESSURE DATA

Instrument No.	T-145			Field Report No. 08298 A	
Capacity (P.S.I.G.)	7000				
Instrument Depth	5720'				
Instrument Opening	INSIDE				
Pressure Gradient P.S.I./Ft.	-				
Well Temperature °F.	125				
				TIME DATA	
Initial Hydrostatic Mud	A	2795		Time Given	Time Computed
Initial Shut-in	B	1764		30 Mins.	30 Mins.
Initial Flow	C	1751		4 Mins.	3 Mins.
	C-1	1740		- Mins.	- Mins.
	C-2	1749		- Mins.	- Mins.
Final Flow	D	1739		40 Mins.	40 Mins.
Final Shut-in	E	1755		30 Mins.	31 Mins.
Final Hydrostatic Mud	F	2782			
Remarks:					

Remarks:

* Shut in pressure did not reach static reservoir pressure.

Clock Travel 0.02117 inches per min.

INITIAL SHUT-IN

PRESSURE INCREMENTS

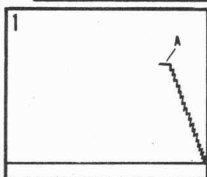
FINAL SHUT-IN

[illegible]

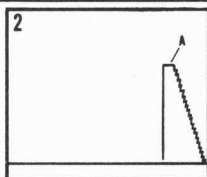
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

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).

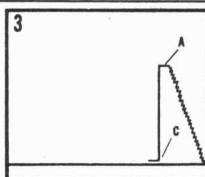
A-1, A-2, A-3, etc. Initial Hyd. Pressures D-1, D-2, D-3, etc. The Final Flow Pressures F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
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C-1, C-2, C-3, etc. Flowing Pressures E-1, E-2, E-3, etc. The Final Shut-in Pressures



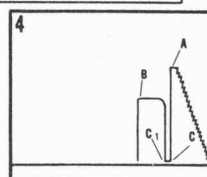
The pressure chart records the buildup in hydrostatic pressure as the testing assembly is lowered into the hole. Upon reaching the testing depth the hydrostatic head or pressure of mud column is recorded.



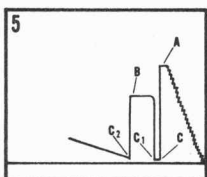
The packer is expanded and set to isolate the test zone. When the test valve is opened a pressure drop is indicated on the pressure chart. This pressure drop is caused by removal of the hydrostatic mud pressure from the formation, allowing the formation to produce.



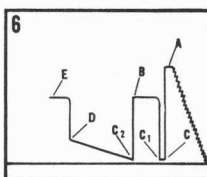
The pressure of fluid flowing from the formation into the well bore, through the perforated anchor, and into the drill pipe, is recorded on the chart.



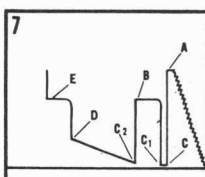
This chart shows the initial shut-in pressure. The methods by which this pressure can be taken allow only a minimum of formation fluid to be produced. This initial shut-in pressure is the best method yet devised for recording the original, undisturbed reservoir pressure of a formation.



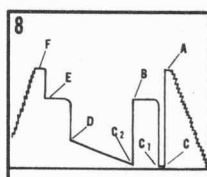
The test tool has been opened to the surface either by breaking a disc, rotating a shut-in tool open or by reopening the main testing valve to permit the formation to produce. The pressure of fluid flowing from the formation into the well bore, through the perforated anchor, and into the drill pipe,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

A WORLD OF EXPERIENCE

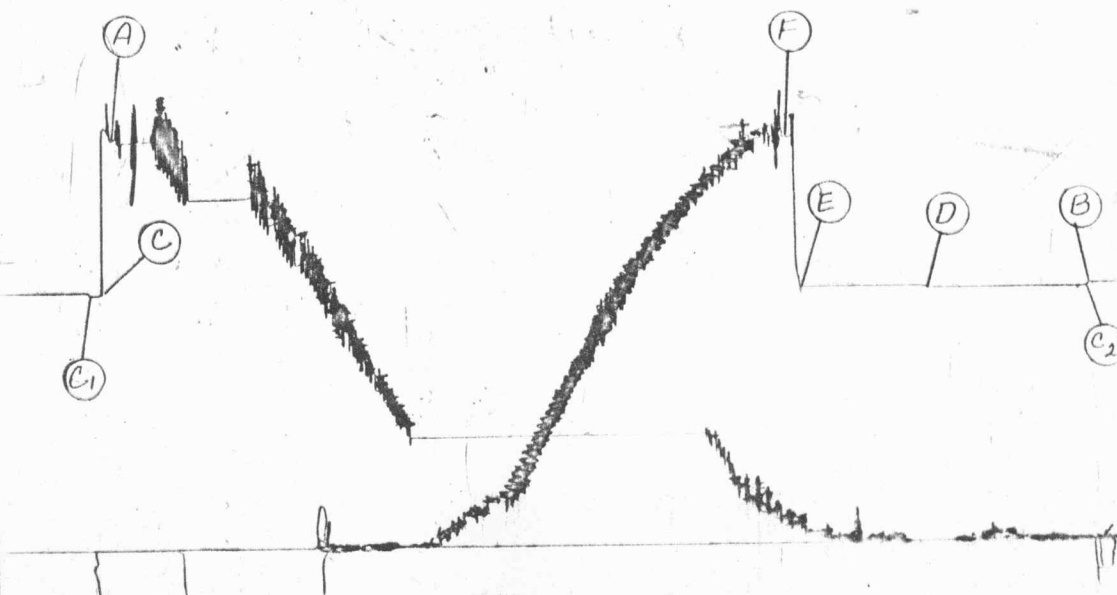


FIELD
REPORT NO.
08298 A

RECORDER NO.
T-145

CAPACITY
7000#

REPORTS
REQUESTED
5-



1 HOUR

FINAL HYDROSTATIC

2182 #

INITIAL HYDROSTATIC

2795 #

INITIAL SHUT IN FINAL FLOW

1739 #

1764 #

1749 #

FINAL SHUT IN

1755 #

INITIAL FLOW

1740 #

1751 #

TIME

459

[illegible][illegible]

EQUIPMENT, HOLE & MUD DATA	
Type Test	DUAL PACKER OPEN HOLE
Formation Tested	CHESTER
Elevation	2820 Ft
Net Productive Interval	- Ft
Estimated Porosity	- %
All Depths Measured From	GROUND LEVEL

[illegible]

Total Depth	6170	Ft
Main Hole/Casing Size	7 7/8"	
Rat Hole/Liner Size	-	
Bottom Choke Size	3/4"	
Mud Type	CHEM. - OIL	Wt. 9.0
Viscosity	58	Water Loss 8 C.C

Cushion Type	Amount	Pressure
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Field EVELYN

3.3-3.3

0 10 31

Date 8-19-64

13049

Field Report No. 12042No. Reports Requested 5

No. Reports Requested: _____

No. Reports Requested 5

5

PRESSURE DATA

Instrument No.		T-411	
Capacity (P.S.I.G.)		5000	
Instrument Depth		6162'	
Instrument Opening		INSIDE	
Pressure Gradient P.S.I./Ft.		-	
Well Temperature °F.		128	
Initial Hydrostatic Mud	A	2974	
Initial Shut-in	B	* 1983	
Initial Flow	C	95	
	C-1	132	
	C-2	69	
Final Flow	D	66	
Final Shut-in	E	* 1973	
Final Hydrostatic Mud	F	3043	

Field Report No. 12042 A

TIME DATA

Time Given	Time Computed
40 Mins.	_____ Mins.
5 Mins.	_____ Mins.
- Mins.	_____ Mins.
- Mins.	_____ Mins.
40 Mins.	_____ Mins.
40 Mins.	_____ Mins.

Remarks:

* Shut in pressure did not reach static reservoir pressure.

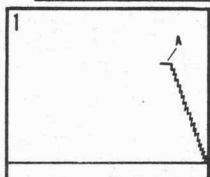
Clock Travel _____ inches per min.

PRESSURE INCREMENTS

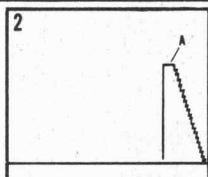
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GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

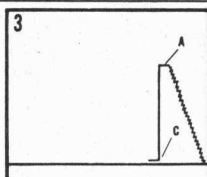
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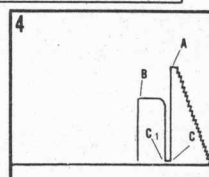
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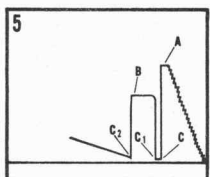
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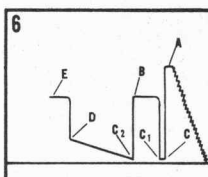
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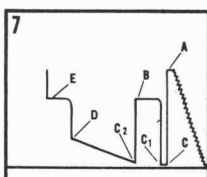
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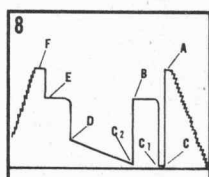
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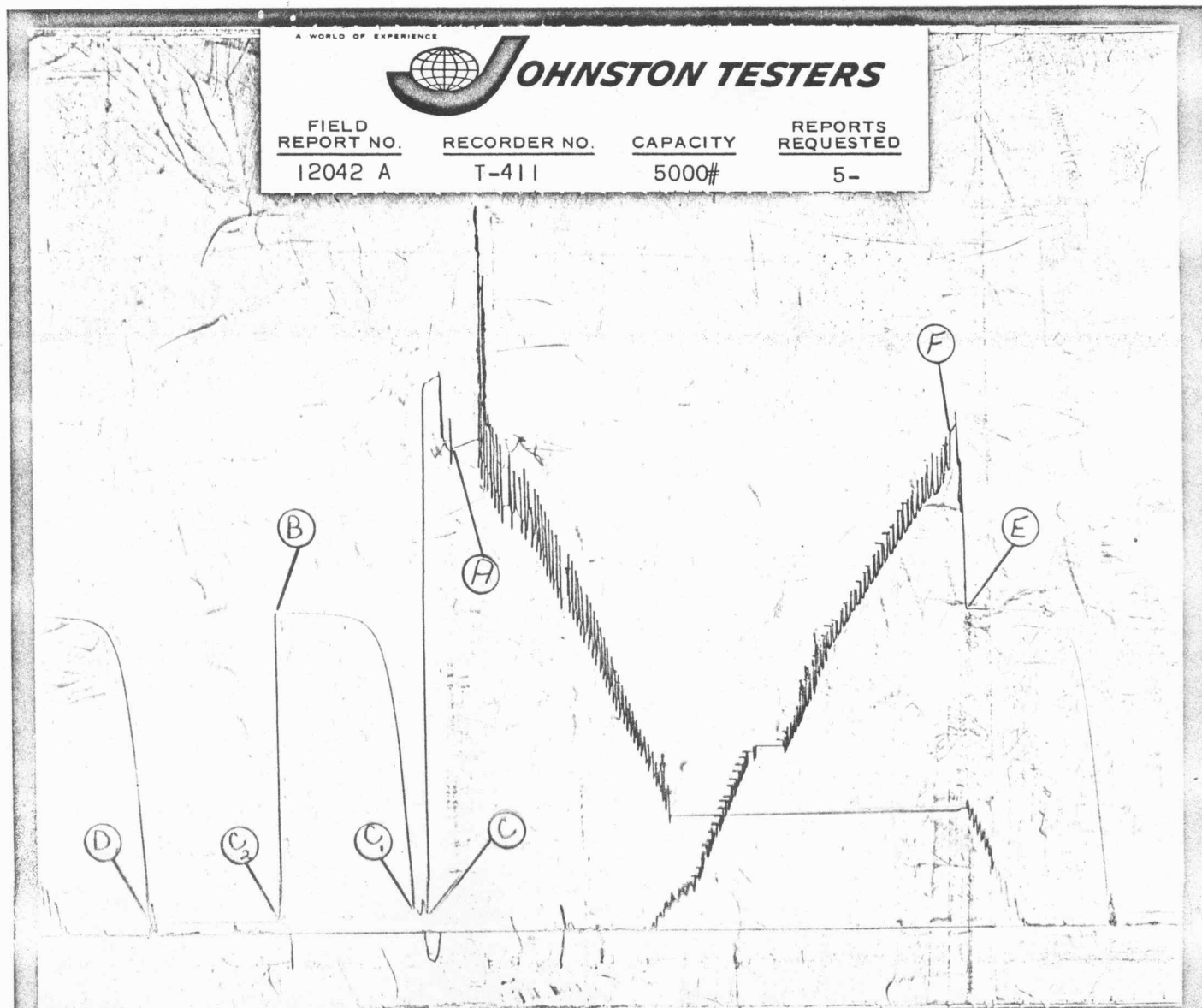
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1 HOUR

FINAL HYDROSTATIC

3043#

FINAL SHUT IN

1973#

FINAL FLOW

66#

INITIAL SHUT IN

1983#

INITIAL FLOW

95#

INITIAL HYDROSTATIC

2974#

TIME

0540

