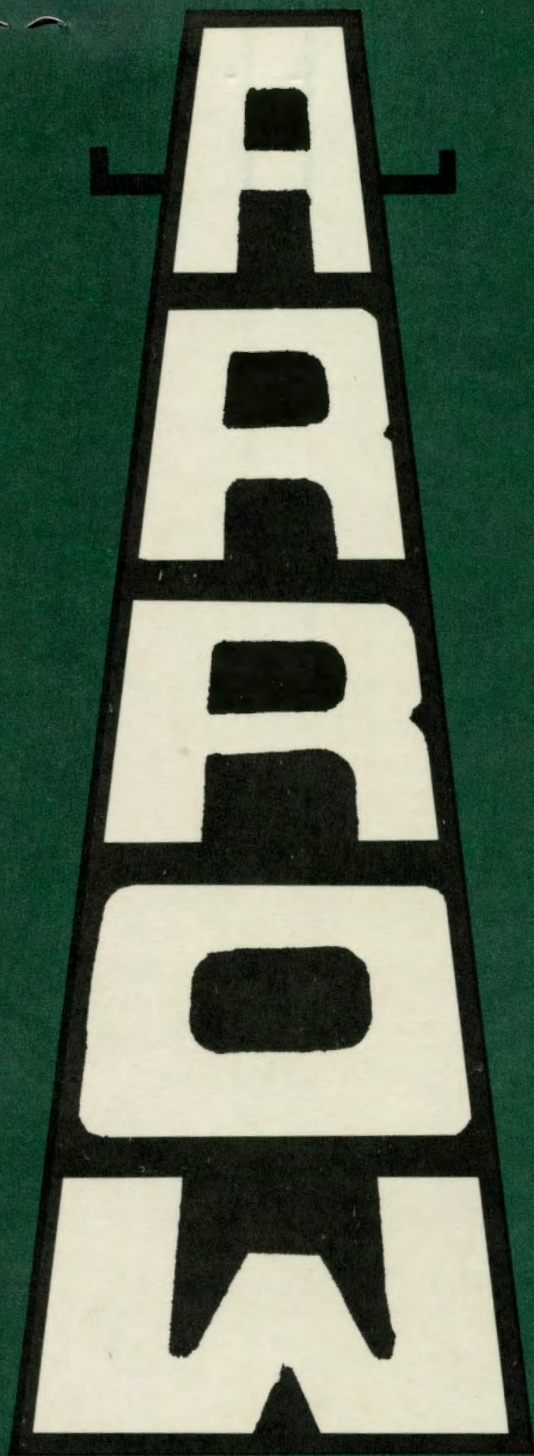




DRILL STEM TESTING REPORT

13-18-18

JAN 11 1989

ARROW TESTING COMPANY
P. O. BOX 1051 GREAT BEND, KANSAS 67530

DRILL-STEM TEST DATA

Well Name	Seuser	Test No.	1
Well Number	3	Zone Tested	Sand
Company	J.A. Allison	Date	1-8-89
Comp. Rep.	O.R. Phelps	Tester	Don Fabricius
Contractor	Woodman-Iannitti Drilling	Ticket No.	2676
Location	13-18-18	Elevation	

Recorder No. 3088	Clock Range 12	Recorder No. 4377	Clock Range 12
Depth 3833		Depth 3837	
Initial Hydro Mud Press. 2095		Initial Hydro Mud Press. 2095	
Initial Shut-in Press. 1174		Initial Shut-in Press. 1180	
Initial Flow Press. 70-75		Initial Flow Press. 70-75	
Final Flow Press. 105-117		Final Flow Press. 105-117	
Final Shut-in Press. 1151		Final Shut-in Press. 1169	
Final Hydro Mud Press. 2095		Final Hydro Mud Press. 2095	
Temperature		Tool Open Before I. S. I. 30	Mins.
Mud Weight 10.1	Viscosity 41	Initial Shut-in 60	Mins.
Fluid Loss 10.4		Flow Period 30	Mins.
Interval Tested 3788-3831		Final Shut-in 60	Mins.
Top Packer Depth 3783		Surface Choke Size 1"	
Bottom Packer Depth 3788		Bottom Choke Size 3/4"	
Total Depth 3831		Main Hole Size 7 7/8	
Drill Pipe Size 4 1/2 X H	Wt. 16.60	Rubber Size 6 3/4	
Drill Collar I. D.	Ft. Run		
Recovery—Total Feet 140			
Recovered 140	Feet Of	slightly oil cut mud	
Recovered 36	Feet Of	oil	
Recovered 97	Feet Of	mud	
Recovered 7	Feet Of	water	

Remarks

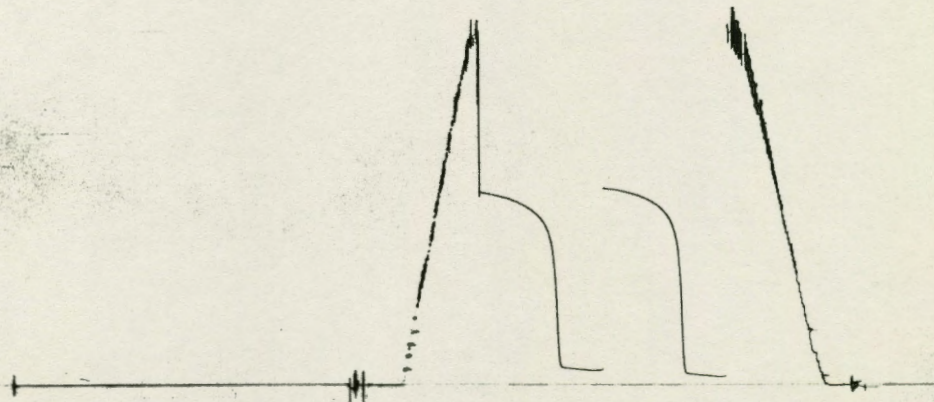
Weak building to fair blow thru-test

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED. CONDITIONS: It is expressly understood and agreed that the above described work shall be done under the exclusive control, direction and supervision of the owner or contractor. As a part of the consideration for this agreement, it is expressly understood and agreed that Arrow Testing Company shall not be responsible for damages or losses of any kind whatsoever occasioned by or incident to the use of the above described Tools, whether run or operated by customer, or by anyone employed directly or indirectly by Arrow Testing Company, nor whether resulting from the acts or omissions of Arrow Testing Company, or any of its agents, servants or employees in any way connected with or related to the use of such Tools.

It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

4377

2706



3088

2676

