ARROW TESTING COMPANY

P. O. BOX 1051 GREAT BEND, KANSAS 67530

Mr. Allen 30-24S-7W NW-NW-SE

DRILL-STEM TEST DATA

Well Name	Friesen	Test No.	1
Well Number	1	Zone Tested	
Company	Hershberger Enterprises Inc.	Date	6-10-73
Comp. Rep.	Bill Sladek	Tester	Don Fabricius
Contractor	H-30	Ticket No.	666
Location	30-24-7	Elevation	

Recorder No.	3088	Recorder No.	207
Clock Range	12	Clock Range	8
Depth	2070	Depth	2074
Initial Hydro Mud Press.	1192	Initial Hydro Mud Press.	1210
Initial Shut-in Press.	821	Initial Shut-in Press.	800
Initial Flow Press.	316	Initial Flow Press.	410
Final Flow Press.	387	Final Flow Press.	540
Final Shut-in Press.	821	Final Shut-in Press.	800
Final Hydro Mud Press.	1192	Final Hydro Mud Press.	1210
Temperature		Tool Open Before I. S. I.	30 Mins.
Mud Weight	10.3	Initial Shut-in	30 Mins.
Viscosity	39	Flow Period	60 Mins.
Fluid Loss	9.6	Final Shut-in	60 Mins.
Interval Tested	2053-78	Surface Choke Size	1¼"
Top Packer Depth		Bottom Choke Size	3/4"
Bottom Packer Depth	2053	Main Hole Size	7 7/8
Total Depth	2078	Rubber Size	6 3/4
Drill Pipe Size	4½ FH		
Wt.	1660		
Drill Collar I. D.		Ft. Run	

Recovery—Total Feet 30

Recovered 30 Feet Of Mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of Gas to surface in 1 minute

Remarks

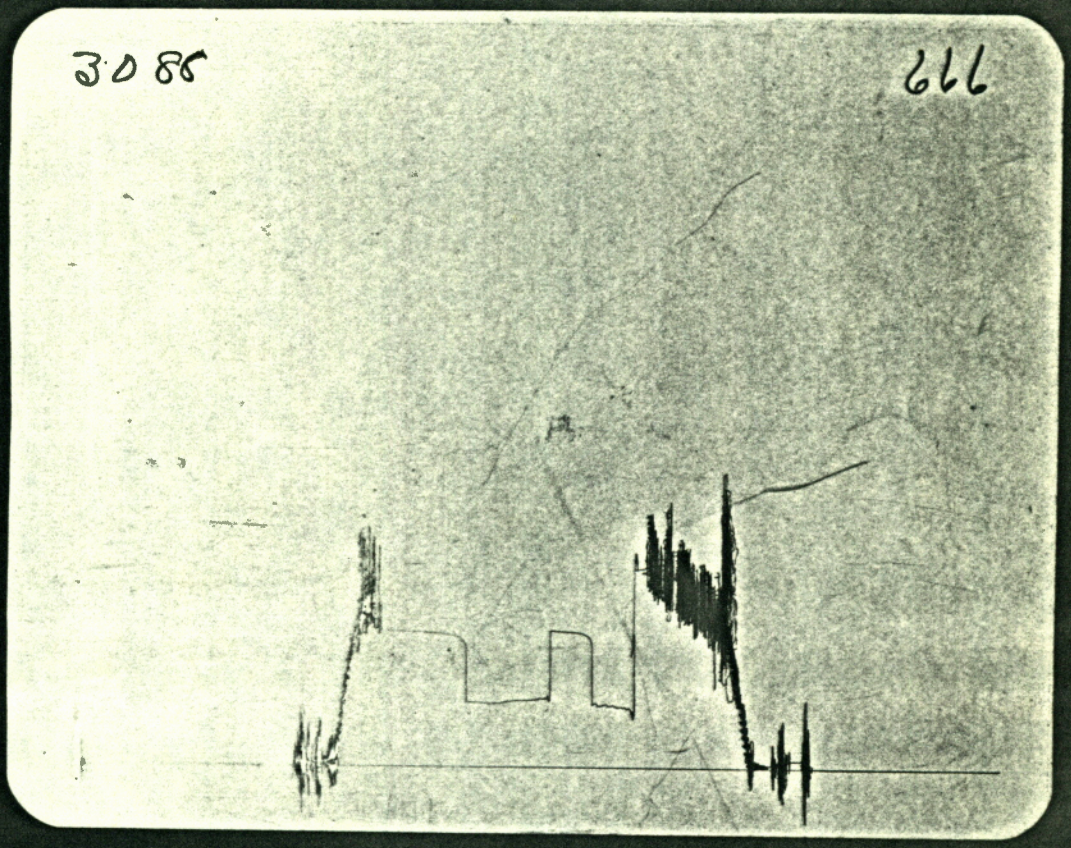
Ga. - 1,490,000 in 10" - 1,694 in 20' - 1,760 in 30' Sec. opening
Ga. - 2,012 in 10" - 2012 in 20" - 1949 in 30" - 1887 in 40"
1949 in 50" - 2012,000 in 60 min.

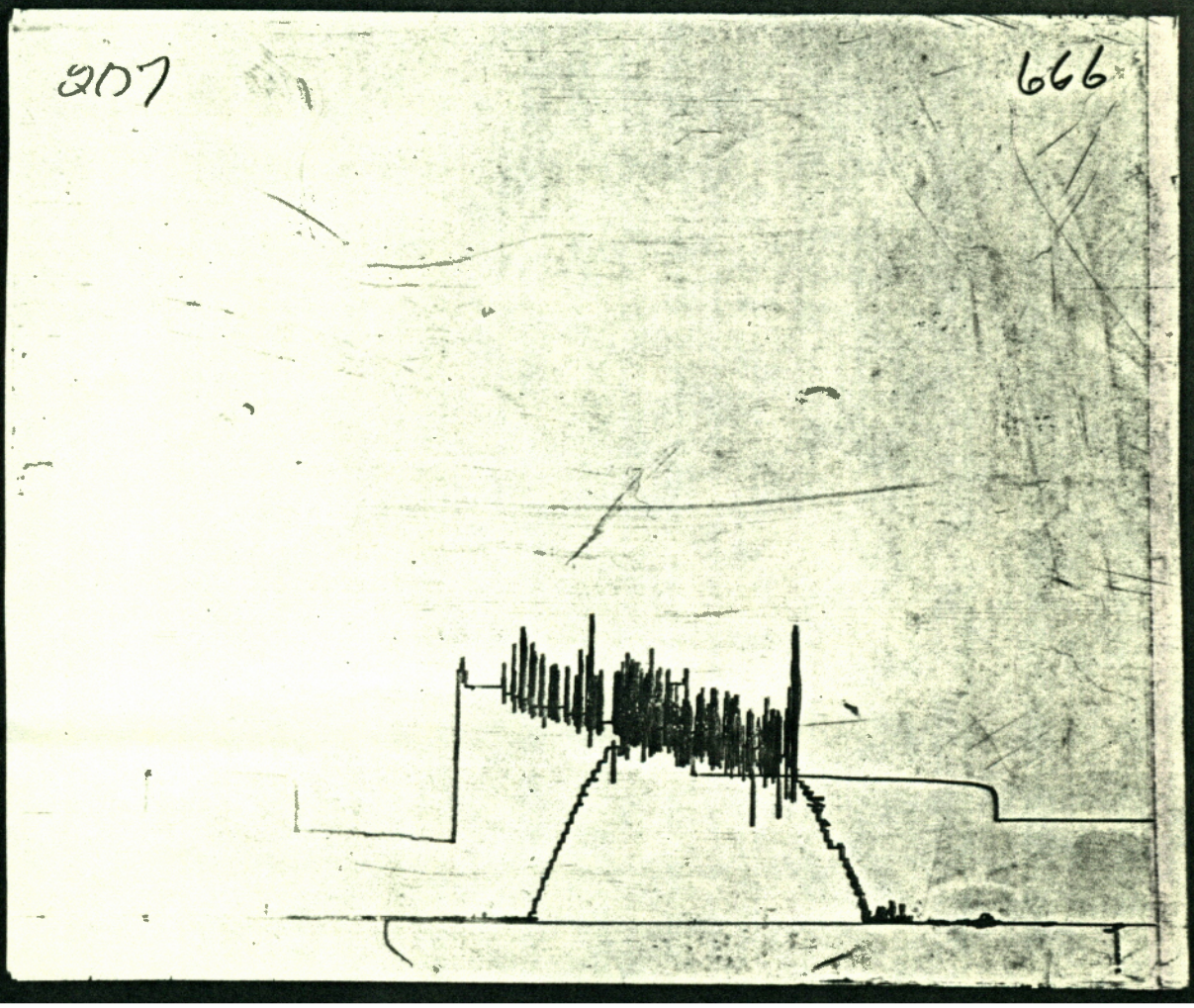
THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED. CONDITIONS: It is expressly understood and agreed that the above described work shall be done under the exclusive control, direction and supervision of the owner or contractor. As a part of the consideration for this agreement, it is expressly understood 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.

By William A. Sladek

Owner, Operator or his Agent


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999


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