ARROW TESTING COMPANY

15-065-21237 P. O. BOX 1051 GREAT BEND, KANSAS 67530 24-6s-23w

DRILL-STEM TEST DATA

HARDMAN

Well Name	Handman	Test No.	1
Well Number	1	Zone Tested	KC
Company	Pate Dombaugh Petroleum	Date	5-10-80
Comp. Rep.	T. Wesselowski	Tester	Don Fabricius
Contractor	Warrior Drilling	Ticket No.	1546
Location	24-6-23	Elevation	

Recorder No.	3088	Recorder No.	4377
Clock Range	12	Clock Range	12
Depth	3772	Depth	3776
Initial Hydro Mud Press.	1853	Initial Hydro Mud Press.	1885
Initial Shut-in Press.	56	Initial Shut-in Press.	69
Initial Flow Press.	45-45	Initial Flow Press.	69-69
Final Flow Press.	45-45	Final Flow Press.	69-69
Final Shut-in Press.	45	Final Shut-in Press.	69
Final Hydro Mud Press.	1853	Final Hydro Mud Press.	1813
Temperature		Tool Open Before I. S. I.	30 Mins.
Mud Weight	9	Initial Shut-in	30 Mins.
Viscosity	44	Flow Period	30 Mins.
Fluid Loss	12	Final Shut-in	30 Mins.
Interval Tested	3751-80	Surface Choke Size	1"
Top Packer Depth	3746	Bottom Choke Size	3/4"
Bottom Packer Depth	3751	Main Hole Size	7 7/8
Total Depth	3780	Rubber Size	6 3/4
Drill Pipe Size	4 1/2 FH	Wt.	16.60
Drill Collar I. D.		Ft. Run	

Recovery—Total Feet 15

Recovered 15 Feet Of mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Remarks

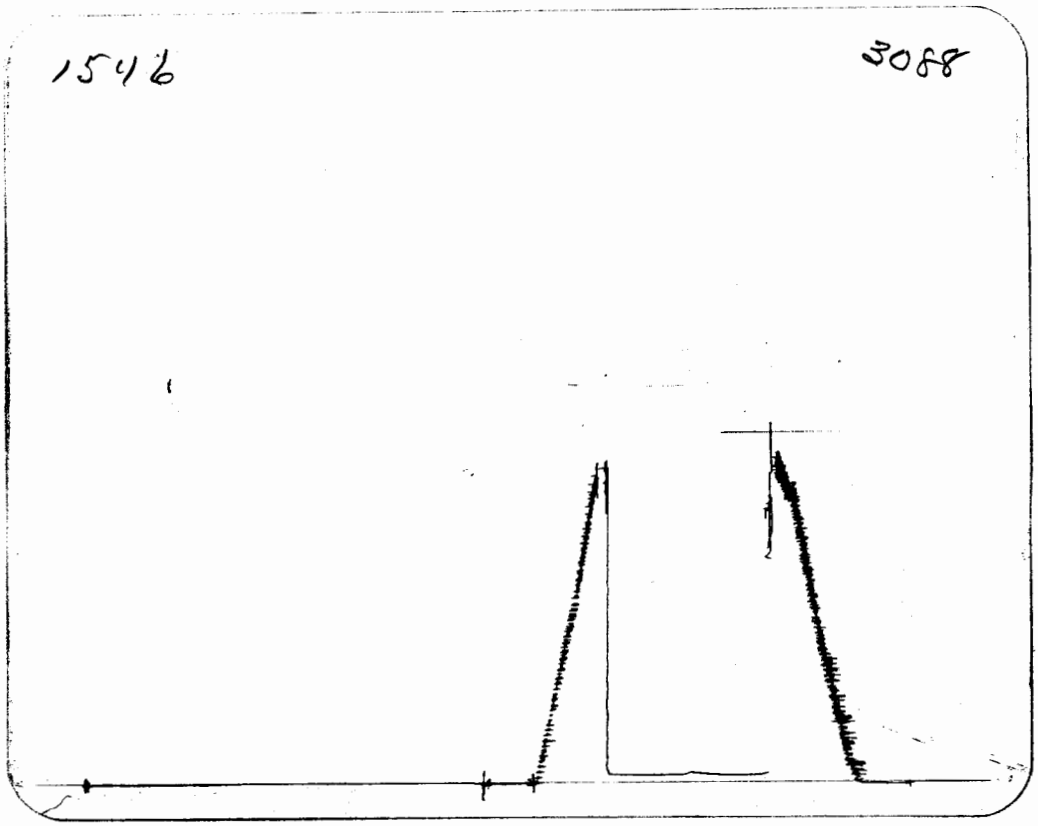
weak blow dead in 12 min.

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.

1546

3088



1546

4877

