

## DRILL-STEM TEST DATA

Well Name	Unruh	Test No.	1
Well Number	1	Zone Tested	Arb
Company	Woodman-Iannitti-Fate Dombaugh	Date	1-12-92
Comp. Rep.	R. Dombaugh	Tester	Don Fabricius
Contractor	Woodman-Iannitti Drlg.	Ticket No.	3011
Location	30-21-15	Elevation	

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12  
 Depth 3867 Depth 3871  
 Initial Hydro Mud Press. 1981 Initial Hydro Mud Press. 1981  
 Initial Shut-in Press. 1266 Initial Shut-in Press. 1260  
 Initial Flow Press. 754-683 Initial Flow Press. 751-680  
 Final Flow Press. 754-671 Final Flow Press. 751-669  
 Final Shut-in Press. 1266 Final Shut-in Press. 1260  
 Final Hydro Mud Press. 1981 Final Hydro Mud Press. 1981  
 Temperature Tool Open Before I. S. I. 30 Mins.  
 Mud Weight 9.3 Viscosity 55 Initial Shut-in 45 Mins.  
 Fluid Loss 11.6 Flow Period 30 Mins.  
 Interval Tested 3857-75 Final Shut-in 45 Mins.  
 Top Packer Depth 3852 Surface Choke Size 1½  
 Bottom Packer Depth 3857 Bottom Choke Size 3/4"  
 Total Depth 3875 Main Hole Size 7 7/8  
 Drill Pipe Size 4½ X H Wt. 16.60 Rubber Size 6 3/4  
 Drill Collar I. D. Ft. Run  
 Recovery—Total Feet  
 Recovered 75 Feet Of sulfur water  
 Recovered Feet Of  
 Recovered Feet Of  
 Recovered Feet Of  
 Remarks  
 Gas to surface 1 min. - gauge 3,036,000 in 10 min. - 3,394,000  
 in 20 - 3,513,000 in 30 min. second open - 3,871,000  
 15 min. 3,623,000 in 30 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.

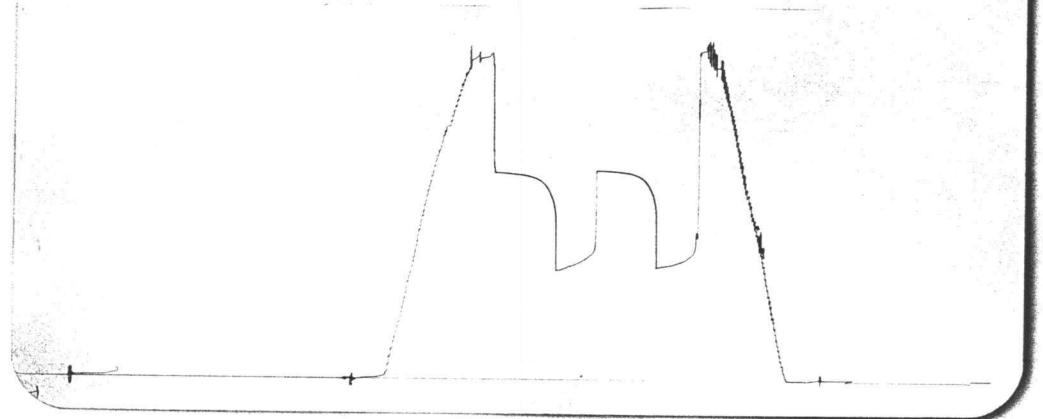
It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the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

By

Owner Operator or his Agent

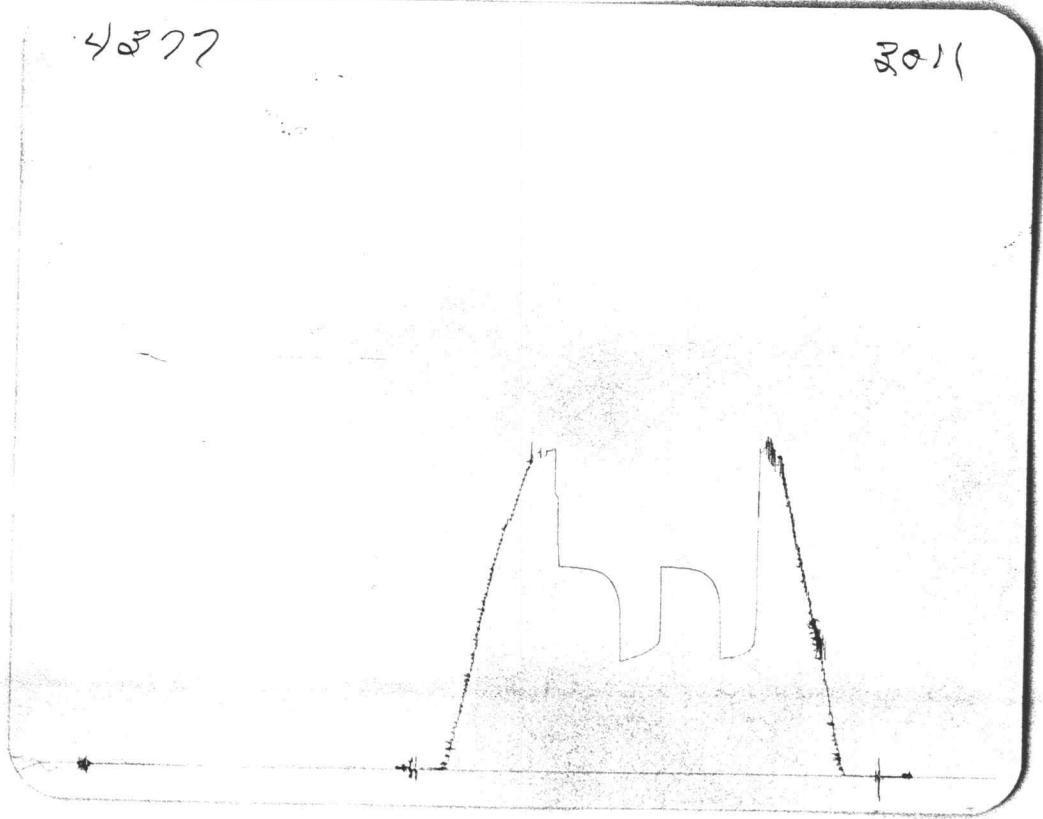
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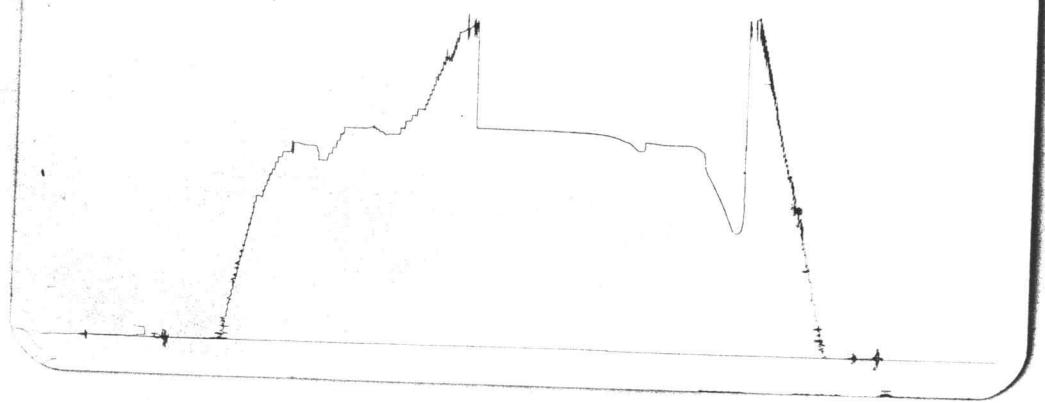
3011





4377

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3088

3012

