

ARROW TESTING COMPANY

P. O. BOX 1051

GREAT BEND, KANSAS 67530

DRILL-STEM TEST DATA

Well Name Norton C	Test No. 1
Well Number 2	Zone Tested MISS
Company Palomino Petroleum	Date 10-18-83
Comp. Rep. R. Watchous	Tester Don Fabricius
Contractor Strata - Beredco Drilling	Ticket No. 2082
Location 24-17-26	Elevation -

Recorder No. 3088	Clock Range 12	Recorder No. 4377	Clock Range 12
Depth 4437		Depth 4441	
Initial Hydro Mud Press. 2220		Initial Hydro Mud Press. 2243	
Initial Shut-in Press. 409		Initial Shut-in Press. 406	
Initial Flow Press. 90-68		Initial Flow Press. 116-104	
Final Flow Press. -		Final Flow Press. -	
Final Shut-in Press. -		Final Shut-in Press. -	
Final Hydro Mud Press. 2220		Final Hydro Mud Press. 2243	
Temperature -		Tool Open Before I. S. I. 30	Mins.
Mud Weight 9.6	Viscosity 45	Initial Shut-in 20	Mins.
Fluid Loss 16		Flow Period -	Mins.
Interval Tested 4315-4445		Final Shut-in -	Mins.
Top Packer Depth 4310		Surface Choke Size 1"	
Bottom Packer Depth 4315		Bottom Choke Size 3/4"	
Total Depth 4445		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 30			
Recovered 30	Feet Of mud.		
Recovered _____	Feet Of _____		
Recovered _____	Feet Of _____		
Recovered _____	Feet Of _____		
Remarks			
Very weak blow. Dead in 26 minutes.			

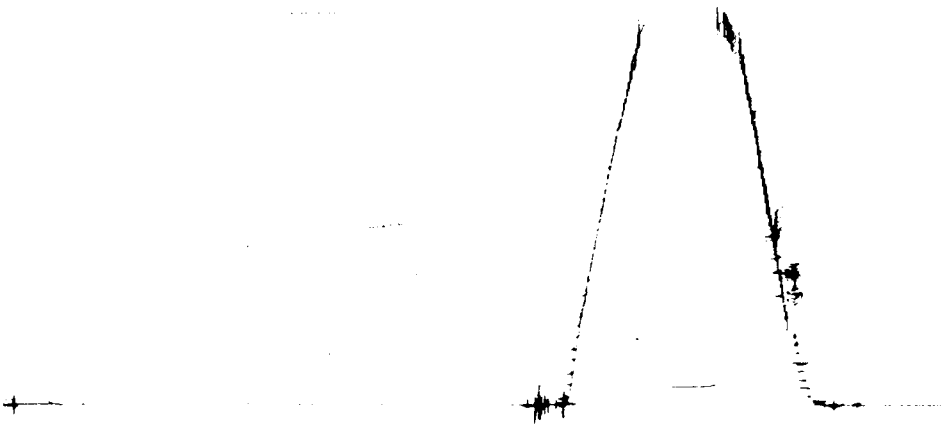
24-17-26
 MISSOURI
 CITY
 1320' FULL & 1470' FULL

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

2082



3088

2082

