

# DRILL-STEM TEST DATA

Well Name <b>Sidebottom</b>	Test No. <b>1</b>
Well Number <b>6</b>	Zone Tested <b>Ft Scott</b>
Company <b>Palomino Petroleum</b>	Date <b>7/8/01</b>
Comp. Rep. <b>R Schreiber</b>	Tester <b>Don Fabricius</b>
Contractor <b>A &amp; A Drlg</b>	Ticket No. <b>4008</b>
Location <b>20-17-24</b>	Elevation

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12  
 Depth 4280 Depth 4284  
 Initial Hydro Mud Press. 2095 Initial Hydro Mud Press. 2095  
 Initial Shut-in Press. 400 Initial Shut-in Press. 399  
 Initial Flow Press. 105-235 Initial Flow Press. 105-234  
 Final Flow Press. 282-294 Final Flow Press. 281-293  
 Final Shut-in Press. 376 Final Shut-in Press. 375  
 Final Hydro Mud Press. 2098 Final Hydro Mud Press. 2095  
 Temperature \_\_\_\_\_ Tool Open Before I. S. I. 30 Mins.  
 Mud Weight 9.7 Viscosity 47 Initial Shut-in 30 Mins.  
 Fluid Loss 10 Flow Period 30 Mins.  
 Interval Tested 4225-88 Final Shut-in 30 Mins.  
 Top Packer Depth 4220 Surface Choke Size 1  
 Bottom Packer Depth 4225 Bottom Choke Size 3/4  
 Total Depth 4288 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 \_\_\_\_\_  
 Recovered 120 Feet Of Oil Cut Mud  
 Recovered 427 Feet Of Muddy Oil  
 Recovered 240 Feet Of Gassy oil  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Remarks  
Strong blow - gas to surface in 10 min  
on second open

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.

## DRILL-STEM TEST DATA

Well Name <b>Sidebottom</b>	Test No. <b>2</b>
Well Number <b>6</b>	Zone Tested <b>Cher</b>
Company <b>Palomino Petroleum</b>	Date <b>7/9/01</b>
Comp. Rep. <b>R Schreiber</b>	Tester <b>Don Fabricius</b>
Contractor <b>A &amp; A Drlg</b>	Ticket No. <b>4009</b>
Location <b>20-17-24</b>	Elevation

**RECEIVED**  
**OCT 16 2001**  
**KCC WICHITA**

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12  
 Depth 4338 Depth 4342  
 Initial Hydro Mud Press. 2208 Initial Hydro Mud Press. 2208  
 Initial Shut-in Press. 1301 Initial Shut-in Press. 1306  
 Initial Flow Press. 589-990 Initial Flow Press. 586-997  
 Final Flow Press. 1101-1289 Final Flow Press. 1101-1283  
 Final Shut-in Press. 1301 Final Shut-in Press. 1306  
 Final Hydro Mud Press. 2208 Final Hydro Mud Press. 2208  
 Temperature \_\_\_\_\_ Tool Open Before I. S. I. 30 Mins.  
 Mud Weight 9.2 Viscosity 49 Initial Shut-in 30 Mins.  
 Fluid Loss 10 Flow Period 30 Mins.  
 Interval Tested 4315-66 Final Shut-in 30 Mins.  
 Top Packer Depth 4310 Surface Choke Size 1  
 Bottom Packer Depth 4315 Bottom Choke Size 3/4  
 Total Depth 4366 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 \_\_\_\_\_  
 Recovered 2700 Feet Of Muddy Water  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Remarks  
Strong blow thru-test - flushed tool on  
second open

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