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NOV 19 2003

DRILL-STEM TEST DATA

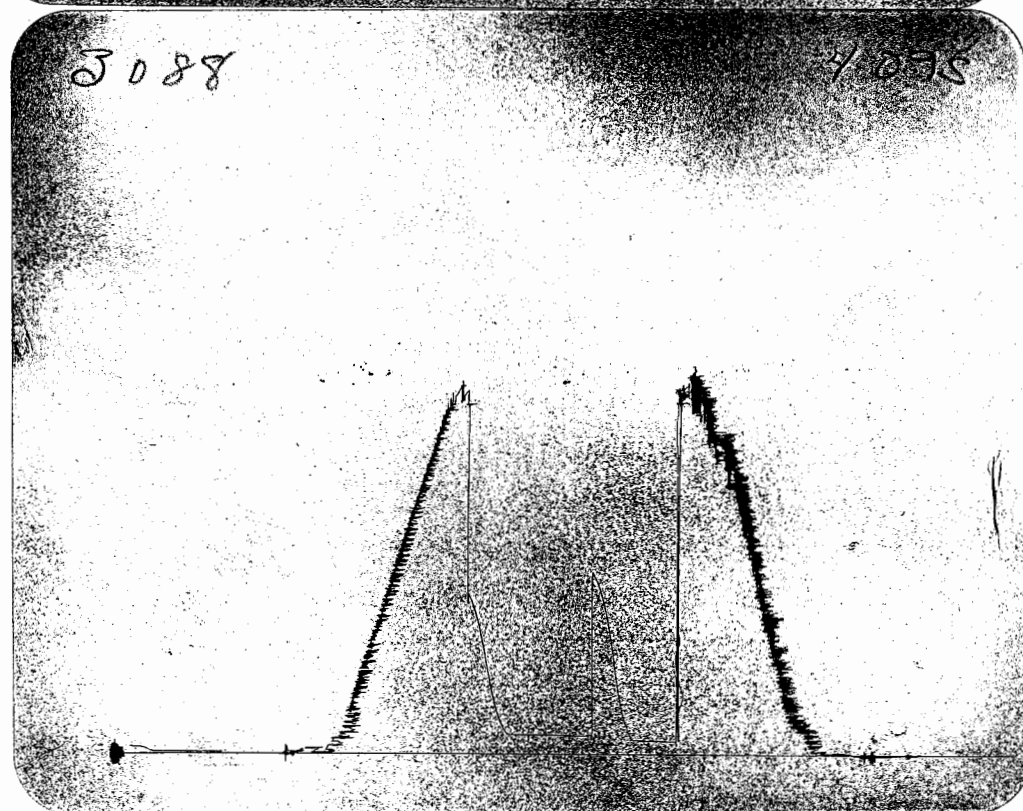
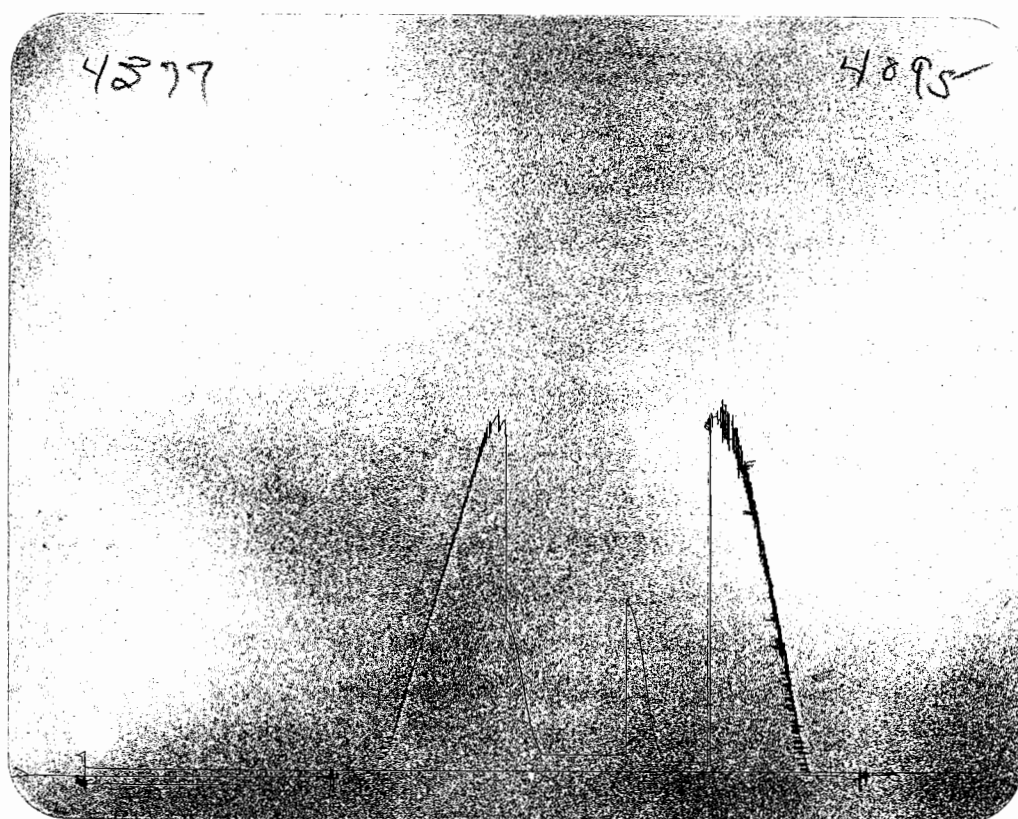
KCC WICHITA

Well Name	Lawrence Schuler	Test No.	1
Well Number	1	Zone Tested	Ft Scott
Company	Palomino Pet Inc.	Date	7/1/03
Comp. Rep.	R Scheriber	Tester	Don Fabricius
Contractor	Shields Drlg	Ticket No.	4095
Location	10-18-24W	Elevation	2327 KB

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12
 Depth 4258 Depth 4262
 Initial Hydro Mud Press. 2163 Initial Hydro Mud Press. 2129
 Initial Shut-in Press. 1094 Initial Shut-in Press. 1100
 Initial Flow Press. 82-82 Initial Flow Press. 82-82
 Final Flow Press. 117-117 Final Flow Press. 117-117
 Final Shut-in Press. 966 Final Shut-in Press. 974
 Final Hydro Mud Press. 2129 Final Hydro Mud Press. 2129
 Temperature Tool Open Before I. S. I. 30 Mins.
 Mud Weight 9.5 Viscosity 47.0 Initial Shut-in 30 Mins.
 Fluid Loss 12.4 Flow Period 60 Mins.
 Interval Tested 4217-66 Final Shut-in 30 Mins.
 Top Packer Depth 4212 Surface Choke Size 1
 Bottom Packer Depth 4217 Bottom Choke Size 3/4
 Total Depth 4266 Main Hole Size 7 3/8
 Drill Pipe Size 4 1/2 XWt. 16.60 Rubber Size 6 3/4
 Drill Collar I. D. Ft. Run
 Recovery—Total Feet
 Recovered 30 Feet Of Gas in pipe
 Recovered 150 Feet Of Very slightly oil cut mud
 Recovered Feet Of
 Recovered Feet Of
 Remarks
 Weak blow thru-test

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.



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DRILL-STEM TEST DATA

KCC WICHITA

Well Name	Lawrence Schuler	Test No.	2
Well Number	1	Zone Tested	Sand
Company	Palomino Pet Inc.	Date	7/2/03
Comp. Rep.	R Scheriber	Tester	Don Fabricius
Contractor	Shields Drlg	Ticket No.	4096
Location	10-18-24W	Elevation	

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12
 Depth 4322 Depth 4326
 Initial Hydro Mud Press. 2200 Initial Hydro Mud Press. 2280
 Initial Shut-in Press. 1324 Initial Shut-in Press. 1329
 Initial Flow Press. 634-966 Initial Flow Press. 633-974
 Final Flow Press. Final Flow Press.
 Final Shut-in Press. Final Shut-in Press.
 Final Hydro Mud Press. 2200 Final Hydro Mud Press. 2220
 Temperature Tool Open Before I. S. I. 20 Mins.
 Mud Weight 9.4 Viscosity 48.0 Initial Shut-in 30 Mins.
 Fluid Loss 11.2 Flow Period Mins.
 Interval Tested 4278-4330 Final Shut-in Mins.
 Top Packer Depth 4273 Surface Choke Size 1
 Bottom Packer Depth 4278 Bottom Choke Size 3/4
 Total Depth 4330 Main Hole Size 7 7/8
 Drill Pipe Size 4 1/2 X Wt. 16.60 Rubber Size 6 3/4
 Drill Collar I. D. Ft. Run
 Recovery—Total Feet
 Recovered 301 Feet Of Gas in pipe
 Recovered 2190 Feet Of Gassy oil
 Recovered Feet Of
 Recovered Feet Of
 Remarks
 Very strong blow thru-test

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