15-065-22977 19-8s-22w

ARROW TESTING COMPANY

P. O. BOX 1051 GREAT BEND, KANSAS 67530

DRILL-STEM TEST DATA

Well Name Ambrosier	Test No. 1
Well Number 2	Zone Tested KC
Company A&A Production	Date 5/17/04
Comp. Rep. K Noah	Tester Don Fabricius
Contractor H & T	Ticket No. 4138
Location 19-8-22	Elevation

Recorder No. 3088 Clock Range 12	Recorder No. 4377 Clock Range 12
Depth 3458	Depth 3462
Initial Hydro Mud Press. 1727	Initial Hydro Mud Press. 1725
Initial Shut-in Press. 1105	Initial Shut-in Press. 1100
Initial Flow Press. 23-23	Initial Flow Press. 0-0
Final Flow Press. 23-35	Final Flow Press. 0-0
Final Shut-in Press. 1094	Final Shut-in Press. 1990
Final Hydro Mud Press. 1727	Final Hydro Mud Press. 1725
Temperature	Tool Open Before I. S. I. 30 Mins.
Mud Weight 9.3 Viscosity 47.0	Initial Shut-in 30 Mins.
Fluid Loss 7.2	Flow Period 30 Mins.
Interval Tested 3428-66	Final Shut-in 30 Mins.
Top Packer Depth 3423	Surface Choke Size 1
Bottom Packer Depth 3428	Bottom Choke Size 3/4
Total Depth 3466	Main Hole Size 7 7/8
Drill Pipe Size 4 1/2 FH Wt. 16.60	Rubber Size 6 3/4
Drill Collar I. D. Ft. Run	

Recovery—Total Feet

Recovered 65 Feet Of Very slightly oil cut mud - trace of free oil on top

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Remarks

Very weak blow thru-test

RECEIVED
JUL 15 2004
KCC WICHITA

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.

ARROW TESTING COMPANY

P. O. BOX 1051 GREAT BEND, KANSAS 67530

DRILL-STEM TEST DATA

Well Name Ambrosier	Test No. 2
Well Number 2	Zone Tested KC
Company A & A Production	Date 5/18/04
Comp. Rep. K Noah	Tester Don Fabricius
Contractor H & T	Ticket No. 4139
Location 19-8-22	Elevation

Recorder No. 3088 Clock Range 12	Recorder No. 4377 Clock Range 12
Depth 3578	Depth 3582
Initial Hydro Mud Press. 1773	Initial Hydro Mud Press. 1773
Initial Shut-in Press. 1163	Initial Shut-in Press. 1165
Initial Flow Press. 23-35	Initial Flow Press. 23-35
Final Flow Press. 47-58	Final Flow Press. 47-58
Final Shut-in Press. 1140	Final Shut-in Press. 1140
Final Hydro Mud Press. 1773	Final Hydro Mud Press. 1773
Temperature	Tool Open Before I. S. I. 30 Mins.
Mud Weight 9.4 Viscosity 44.0	Initial Shut-in 30 Mins.
Fluid Loss 8.8	Flow Period 30 Mins.
Interval Tested 3550-86	Final Shut-in 30 Mins.
Top Packer Depth 3545	Surface Choke Size 1"
Bottom Packer Depth 3550	Bottom Choke Size 3/4
Total Depth 3586	Main Hole Size 7 7/8
Drill Pipe Size 4 1/2 FH Wt. 16.60	Rubber Size 6 3/4
Drill Collar I. D. Ft. Run	

Recovery—Total Feet

Recovered 240 Feet Of Gas in pipe

Recovered 60 Feet Of Clean oil

Recovered 60 Feet Of Heavy oil cut mud

Recovered Feet Of

RECEIVED
JUL 15 2004
KCC WICHITA

Remarks

Weak building to strong blow thru-test

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ARROW TESTING COMPANY

P. O. BOX 1051 GREAT BEND, KANSAS 67530

DRILL-STEM TEST DATA

Well Name Ambrosier	Test No. 3
Well Number 2	Zone Tested KC
Company A & A Production	Date 5/19/04
Comp. Rep. K Noah	Tester Don Fabricius
Contractor H & T	Ticket No. 4140
Location 19-8-22	Elevation

Recorder No. 3088 Clock Range 12	Recorder No. 4377 Clock Range 12
Depth 3596	Depth 3600
Initial Hydro Mud Press. 1785	Initial Hydro Mud Press. 1780
Initial Shut-in Press. 58	Initial Shut-in Press. 23
Initial Flow Press. 47-47	Initial Flow Press. 23-23
Final Flow Press. 47-47	Final Flow Press. 23-23
Final Shut-in Press. 47	Final Shut-in Press. 23
Final Hydro Mud Press. 1785	Final Hydro Mud Press. 1780
Temperature	Tool Open Before I. S. I. 30 Mins.
Mud Weight 9.4 Viscosity 44.0	Initial Shut-in 30 Mins.
Fluid Loss 8.8	Flow Period 30 Mins.
Interval Tested 3585-3604	Final Shut-in 30 Mins.
Top Packer Depth 3580	Surface Choke Size 1"
Bottom Packer Depth 3585	Bottom Choke Size 3/4
Total Depth 3604	Main Hole Size 7 7/8
Drill Pipe Size 4 1/2 FH Wt. 16.60	Rubber Size 6 3/4
Drill Collar I. D. Ft. Run	

Recovery—Total Feet

Recovered 10 Feet Of Mud with a few spots of oil

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

RECEIVED
JUL 15 2004
KCC WICHITA

Remarks

Very weak blow for 30 minutes - Second open, very weak blow for 9 minutes.

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