

15-065-22474

2-85-24w

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ARROW TESTING COMPANY

**CONFIDENTIAL**

BOX 1051

GREAT BEND, KANSAS 67530

JUL 09 2004

KCC WICHITA

DRILL-STEM TEST DATA

Well Name	Anderson	Test No.	1
Well Number	1	Zone Tested	KC
Company	A & A Production	Date	5/8/04
Comp. Rep.	K Noah	Tester	Don Fabricius
Contractor	H & T Oil	Ticket No.	4128
Location	2-8-24	Elevation	

**KCC**

**JUL 07 2004**

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Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12  
 Depth 3652 Depth 3656  
 Initial Hydro Mud Press. 1785 Initial Hydro Mud Press. 1787  
 Initial Shut-in Press. 719 Initial Shut-in Press. 715  
 Initial Flow Press. 47-199 Initial Flow Press. 47-200  
 Final Flow Press. 247-353 Final Flow Press. 247-353  
 Final Shut-in Press. 719 Final Shut-in Press. 715  
 Final Hydro Mud Press. 1785 Final Hydro Mud Press. 1787  
 Temperature \_\_\_\_\_ Tool Open Before I. S. I. 30 Mins.  
 Mud Weight 8.8 Viscosity 49.0 Initial Shut-in 30 Mins.  
 Fluid Loss 8 Flow Period 30 Mins.  
 Interval Tested 3639-60 Final Shut-in 30 Mins.  
 Top Packer Depth 3634 Surface Choke Size 1  
 Bottom Packer Depth 3639 Bottom Choke Size 3/4  
 Total Depth 3660 Main Hole Size 7 7/8  
 Drill Pipe Size 4 1/2 XH Wt. 1660 Rubber Size 6 3/4  
 Drill Collar I. D. 2 1/4 Ft. Run 90

Recovery—Total Feet \_\_\_\_\_  
 Recovered 450 Feet Of \_\_\_\_\_ Gas in pipe  
 Recovered 500 Feet Of \_\_\_\_\_ Gassy oil  
 Recovered 540 Feet Of \_\_\_\_\_ Muddy water  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

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Remarks Weak building to strong blow thru-test

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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 Anderson	Test No. 2
Well Number 1	Zone Tested KC
Company A & A Production	Date 5/8/04
Comp. Rep. K Noah	Tester Don Fabricius
Contractor H & T Oil	Ticket No. 4129
Location 2-8-24	Elevation

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12

Depth 3668 Depth 3672

Initial Hydro Mud Press. 1819 Initial Hydro Mud Press. 1820

Initial Shut-in Press. 0 Initial Shut-in Press. 0

Initial Flow Press. 0.0 Initial Flow Press. 0

Final Flow Press. - Final Flow Press. -

Final Shut-in Press. - Final Shut-in Press. -

Final Hydro Mud Press. 1819 Final Hydro Mud Press. 1820

Temperature Tool Open Before I. S. I. 50 Mins.

Mud Weight 9.1 Viscosity 47.0 Initial Shut-in 30 Mins.

Fluid Loss 8 Flow Period - Mins.

Interval Tested 3655-76 Final Shut-in - Mins.

Top Packer Depth 3650 Surface Choke Size 1"

Bottom Packer Depth 3655 Bottom Choke Size 3/4

Total Depth 3676 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 XH Wt. 1660 Rubber Size 6 3/4

Drill Collar I. D. Ft. Run

Recovery—Total Feet

Recovered 1 Feet Of Cup full of mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Remarks

Very weak blow for 1 min flushed tool-

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DRILL-STEM TEST DATA

KCC WICHITA

Well Name	Anderson	Test No.	3
Well Number	1	Zone Tested	KC
Company	A & A Production	Date	5/9/04
Comp. Rep.	K Noah	Tester	Don Fabricius
Contractor	H & T Oil	Ticket No.	4130
Location	2-8-24	Elevation	

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12

Depth 3702 Depth 3706

Initial Hydro Mud Press. 1866 Initial Hydro Mud Press. 1880

Initial Shut-in Press. 0 Initial Shut-in Press. 0

Initial Flow Press. 0-0 Initial Flow Press. 0

Final Flow Press. - Final Flow Press. -

Final Shut-in Press. - Final Shut-in Press. -

Final Hydro Mud Press. 1866 Final Hydro Mud Press. 1180

Temperature Tool Open Before I. S. I. 30 Mins.

Mud Weight 9.1 Viscosity 48.0 Initial Shut-in 30 Mins.

Fluid Loss 8 Flow Period - Mins.

Interval Tested 3700-10 Final Shut-in - Mins.

Top Packer Depth 3695 Surface Choke Size 1"

Bottom Packer Depth 3700 Bottom Choke Size 3/4

Total Depth 3710 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 XH Wt. 1660 Rubber Size 6 3/4

Drill Collar I. D. Ft. Run

Recovery—Total Feet

Recovered 5 Feet Of Mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Remarks

Very weak blow dead in 8 min- flushed tool-Surge

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DRILL-STEM TEST DATA

Well Name	Anderson	Test No.	4
Well Number	1	Zone Tested	KC
Company	A & A Production	Date	5/10/04
Comp. Rep.	K Noah	Tester	Don Fabricius
Contractor	H & T Oil	Ticket No.	4131
Location	2-8-24	Elevation	

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12

Depth 3762 Depth 3766

Initial Hydro Mud Press. 1877 Initial Hydro Mud Press. 1180

Initial Shut-in Press. 553 Initial Shut-in Press. 555

Initial Flow Press. 47-47 Initial Flow Press. 47-47

Final Flow Press. - Final Flow Press. -

Final Shut-in Press. - Final Shut-in Press. -

Final Hydro Mud Press. 1877 Final Hydro Mud Press. 1180

Temperature \_\_\_\_\_ Tool Open Before I. S. I. 30 Mins.

Mud Weight 9.2 Viscosity 54.0 Initial Shut-in 30 Mins.

Fluid Loss 8.2 Flow Period \_\_\_\_\_ Mins.

Interval Tested 3724-70 Final Shut-in \_\_\_\_\_ Mins.

Top Packer Depth 3719 Surface Choke Size 1"

Bottom Packer Depth 3724 Bottom Choke Size 3/4

Total Depth 3770 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 XH Wt. 1660 Rubber Size 6 3/4

Drill Collar I. D. \_\_\_\_\_ Ft. Run \_\_\_\_\_

Recovery—Total Feet \_\_\_\_\_

Recovered 5 Feet Of Mud

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Remarks \_\_\_\_\_

Very weak blow dead in 6 min flush tool

Very weak blow dead in 2 min

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DRILL-STEM TEST DATA

KCC WICHITA

Well Name	Anderson	Test No.	5
Well Number	1	Zone Tested	KC
Company	A & A Production	Date	5/10/04
Comp. Rep.	K Noah	Tester	Don Fabricius
Contractor	H & T Oil	Ticket No.	4132
Location	2-8-24	Elevation	

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12  
 Depth 3796 Depth 5800  
 Initial Hydro Mud Press. 1889 Initial Hydro Mud Press. 1890  
 Initial Shut-in Press. 1209 Initial Shut-in Press. 1211  
 Initial Flow Press. 23-47 Initial Flow Press. 23-47  
 Final Flow Press. 82-82 Final Flow Press. 82-82  
 Final Shut-in Press. 1186 Final Shut-in Press. 1192  
 Final Hydro Mud Press. 1889 Final Hydro Mud Press. 1890  
 Temperature \_\_\_\_\_ Tool Open Before I. S. I. 45 \_\_\_\_\_ Mins.  
 Mud Weight 9.3 Viscosity 51.0 Initial Shut-in 60 \_\_\_\_\_ Mins.  
 Fluid Loss 8.8 Flow Period 45 \_\_\_\_\_ Mins.  
 Interval Tested 3766-3804 Final Shut-in 60 \_\_\_\_\_ Mins.  
 Top Packer Depth 3761 Surface Choke Size 1"  
 Bottom Packer Depth 3766 Bottom Choke Size 3/4  
 Total Depth 3804 Main Hole Size 7 7/8  
 Drill Pipe Size 4 1/2 XH Wt. 1660 Rubber Size 6 3/4  
 Drill Collar I. D. \_\_\_\_\_ Ft. Run \_\_\_\_\_  
 Recovery—Total Feet 150  
 Recovered 3 Feet Of \_\_\_\_\_ Free oil on top  
 Recovered 40 Feet Of \_\_\_\_\_ Very slightly oil cut mud  
 Recovered 110 Feet Of \_\_\_\_\_ Muddy water  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Remarks Weak building to fair blow thru-test

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