

RECEIVED

ARROW TESTING COMPANY

P. O. BOX 1051

GREAT BEND, KANSAS 67530

JAN 09 2004

KCC WICHITA

CONFIDENTIAL

WELL TEST DATA

ORIGINAL

| | | | |
|-------------|------------------|--------------|--------------|
| Well Name | Davis | Test No. | 1 |
| Well Number | 1 | Zone Tested | Toro |
| Company | A & A Production | KCC | KCC |
| Comp. Rep. | T Morgenstern | JAN 09 2004 | JAN 07 2004 |
| Contractor | A & A Drig | CONFIDENTIAL | CONFIDENTIAL |
| Location | 19-7-22 | CONFIDENTIAL | CONFIDENTIAL |
| | | Elevation | |

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

Depth 3518 Depth 3522

Initial Hydro Mud Press. 1727 Initial Hydro Mud Press. 1729

Initial Shut-in Press. 1209 Initial Shut-in Press. 1215

Initial Flow Press. 35-280 Initial Flow Press. 35-281

Final Flow Press. 365-589 Final Flow Press. 363-586

Final Shut-in Press. 1209 Final Shut-in Press. 1215

Final Hydro Mud Press. 1727 Final Hydro Mud Press. 1729

Temperature Tool Open Before I. S. I. 45 Mins.

Mud Weight 9.3 Viscosity 42.0 Initial Shut-in 45 Mins.

Fluid Loss 8 Flow Period 45 Mins.

Interval Tested 3479-3526 Final Shut-in 45 Mins.

Top Packer Depth 3425 Surface Choke Size 1

Bottom Packer Depth 3479 Bottom Choke Size 3/4

Total Depth 3526 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 1300 Feet Of Water

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Remarks

Strong blow through 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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GREAT BEND, KANSAS 67530

KCC WICHITA

CONFIDENTIAL

DRILL-STEM TEST DATA

ORIGINAL

| | | | | |
|-------------|------------------|--------------|-------------|---------------|
| Well Name | Davis | KCC | Test No. | 2 |
| Well Number | 1 | JAN 07 2004 | Zone Tested | KC |
| Company | A & A Production | | Date | 12/22/03 |
| Comp. Rep. | T Morgenstern | CONFIDENTIAL | Tester | Don Fabricius |
| Contractor | A & A Drilg | | Ticket No. | 4121 |
| Location | 19-7-22 | | Elevation | |

| | | | | | | | |
|--------------------------|-------------------------------|-------------------------------------|-------|--------------|-------|-------------|----|
| Recorder No. | 3088 | Clock Range | 12 | Recorder No. | 4377 | Clock Range | 12 |
| Depth | 3692 | Depth | 3696 | | | | |
| Initial Hydro Mud Press. | 1877 | Initial Hydro Mud Press. | 1878 | | | | |
| Initial Shut-in Press. | 23 | Initial Shut-in Press. | 23 | | | | |
| Initial Flow Press. | 23-23 | Initial Flow Press. | 23-23 | | | | |
| Final Flow Press. | 23-23 | Final Flow Press. | 23-23 | | | | |
| Final Shut-in Press. | 47 | Final Shut-in Press. | 47 | | | | |
| Final Hydro Mud Press. | 1877 | Final Hydro Mud Press. | 1878 | | | | |
| Temperature | 9.3 | Tool Open Before I. S. I. | 30 | | | | |
| Mud Weight | 51.0 | Initial Shut-in | 30 | Mins. | | | |
| Fluid Loss | 8.6 | Flow Period | 30 | Mins. | | | |
| Interval Tested | 3634-3700 | Final Shut-in | 1" | Mins. | | | |
| Top Packer Depth | 3629 | Surface Choke Size | 3/4 | | | | |
| Bottom Packer Depth | 3634 | Bottom Choke Size | | | | | |
| Total Depth | 3700 | 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 | 5 | Mud with a trace of free oil on top | | | | | |
| Recovered | Feet Of | | | | | | |
| Recovered | Feet Of | | | | | | |
| Recovered | Feet Of | | | | | | |
| Recovered | Feet Of | | | | | | |
| Remarks | Very weak blow dead in 18 min | | | | | | |

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KCC WICHITA

CONFIDENTIAL DRILL-STEM TEST DATA

ORIGINAL

| | | | |
|-------------|------------------|--------------|----------------------|
| Well Name | Davis | Test No. | 3 |
| Well Number | 1 | KCC | Zone Tested Marm. |
| Company | A & A Production | Date | 12/22/03 |
| Comp. Rep. | T Morgenstern | JAN 07 2004 | Tester Don Fabricius |
| Contractor | A & A Drig | CONFIDENTIAL | Ticket No. 4122 |
| Location | 19-7-22 | | Elevation |

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12
 Depth 3795 Depth 3799
 Initial Hydro Mud Press. 1923 Initial Hydro Mud Press. 1924
 Initial Shut-in Press. 1036 Initial Shut-in Press. 1043
 Initial Flow Press. 35-35 Initial Flow Press. 35-35
 Final Flow Press. 35-35 Final Flow Press. 35-35
 Final Shut-in Press. 837 Final Shut-in Press. 840
 Final Hydro Mud Press. 1923 Final Hydro Mud Press. 1924
 Temperature Tool Open Before I. S. I. 30 Mins.
 Mud Weight 9.2 Viscosity 5.0 Initial Shut-in 30 Mins.
 Fluid Loss 7.2 Flow Period 15 Mins.
 Interval Tested 3723-3803 Final Shut-in 15 Mins.
 Top Packer Depth 3719 Surface Choke Size 1"
 Bottom Packer Depth 2723 Bottom Choke Size 3/4
 Total Depth 3803 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 15 Mud
 Recovered 15 Feet Of
 Recovered Feet Of
 Recovered Feet Of
 Recovered Feet Of
 Remarks Very weak blow dead in 23 min

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