

## DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Inc**

125 N Market Ste 1252  
Wichita KS 67202

ATTN: Ken LaBlanc

**26 13S 30W Gove KS**

**Wesley #3**

Start Date: 2008.02.27 @ 02:05:23

End Date: 2008.02.27 @ 08:50:02

Job Ticket #: 31826                      DST #: 1

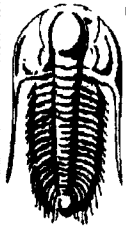
**CONFIDENTIAL**  
**MAY 14 2008**  
**KCC**

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**

**MAY 15 2008**

**CONSERVATION DIVISION**  
**WICHITA, KS**

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Falcon Exploration Inc

125 N Market Ste 1252  
Wichita KS 67202

ATTN: Ken LaBlanc

**Wesley #3**

**26 13S 30W Gove KS**

Job Ticket: 31826

**DST#: 1**

Test Start: 2008.02.27 @ 02:05:23

### GENERAL INFORMATION:

Formation: **Pawnee, Myrick St, Ft**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:15:00

Time Test Ended: 08:50:02

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **4305.00 ft (KB) To 4416.00 ft (KB) (TVD)**

Total Depth: 4416.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2873.00 ft (KB)

2868.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 6667** Inside

Press@RunDepth: psig @ 4306.00 ft (KB)

Start Date: 2008.02.27

End Date:

2008.02.27

Capacity: 7000.00 psig

Last Calib.: 2008.02.27

Start Time: 02:05:23

End Time:

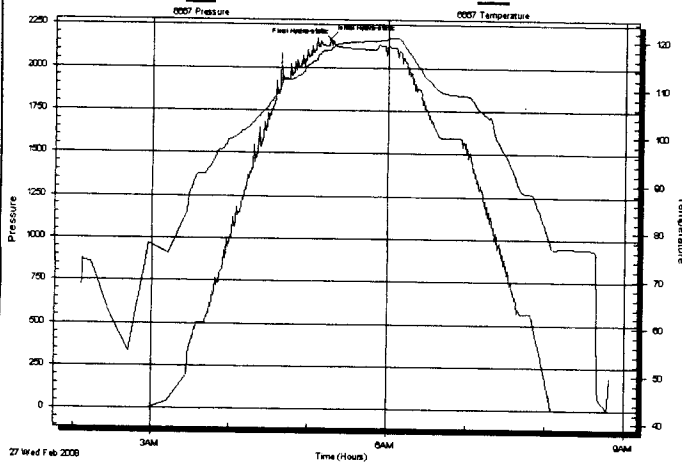
08:50:02

Time On Btm: 2008.02.27 @ 05:16:03

Time Off Btm: 2008.02.27 @ 05:18:48

TEST COMMENT: Packers failed @ open reset failed again pull tool

Pressure vs. Time



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2164.64         | 118.09       | Initial Hydro-static |
| 3           | 2144.54         | 118.80       | Final Hydro-static   |

### Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 200.00      | 100%M       | 1.73         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

### Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|--|----------------|-----------------|------------------|



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Falcon Exploration Inc

**Wesley #3**

125 N Market Ste 1252  
Wichita KS 67202

**26 13S 30W Gove KS**

Job Ticket: 31826

**DST#: 1**

ATTN: Ken LaBlanc

Test Start: 2008.02.27 @ 02:05:23

### Tool Information

|                           |                    |                       |                         |                                    |
|---------------------------|--------------------|-----------------------|-------------------------|------------------------------------|
| Drill Pipe:               | Length: 4194.00 ft | Diameter: 3.80 inches | Volume: 58.83 bbl       | Tool Weight: 1500.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl        | Weight set on Packer: 25000.00 lb  |
| Drill Collar:             | Length: 118.00 ft  | Diameter: 2.25 inches | Volume: 0.58 bbl        | Weight to Pull Loose: 70000.00 lb  |
|                           |                    |                       | Total Volume: 59.41 bbl | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 29.00 ft           |                       |                         | String Weight: Initial 65000.00 lb |
| Depth to Top Packer:      | 4305.00 ft         |                       |                         | Final 66000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                         |                                    |
| Interval between Packers: | 111.00 ft          |                       |                         |                                    |
| Tool Length:              | 133.00 ft          |                       |                         |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                         |                                    |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

|                 |       |      |         |         |                                |
|-----------------|-------|------|---------|---------|--------------------------------|
| Shut In Tool    | 5.00  |      |         | 4288.00 |                                |
| Hydraulic tool  | 5.00  |      |         | 4293.00 |                                |
| Safety Joint    | 2.00  |      |         | 4295.00 |                                |
| Packer          | 5.00  |      |         | 4300.00 | 22.00 Bottom Of Top Packer     |
| Packer          | 5.00  |      |         | 4305.00 |                                |
| Stubb           | 1.00  |      |         | 4306.00 |                                |
| Recorder        | 0.00  | 6667 | Inside  | 4306.00 |                                |
| Recorder        | 0.00  | 6771 | Outside | 4306.00 |                                |
| Perforations    | 10.00 |      |         | 4316.00 |                                |
| Change Over Sub | 1.00  |      |         | 4317.00 |                                |
| Drill Pipe      | 93.00 |      |         | 4410.00 |                                |
| Change Over Sub | 1.00  |      |         | 4411.00 |                                |
| Bullnose        | 5.00  |      |         | 4416.00 | 111.00 Bottom Packers & Anchor |

**Total Tool Length: 133.00**



**TRILOBITE**  
**TESTING, INC**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

Falcon Exploration Inc

**Wesley #3**

125 N Market Ste 1252  
Wichita KS 67202

**26 13S 30W Gove KS**

Job Ticket: 31826

**DST#: 1**

ATTN: Ken LaBlanc

Test Start: 2008.02.27 @ 02:05:23

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 7.16 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 2100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

0 ppm

### Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 200.00       | 100%M       | 1.731         |

Total Length: 200.00 ft

Total Volume: 1.731 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

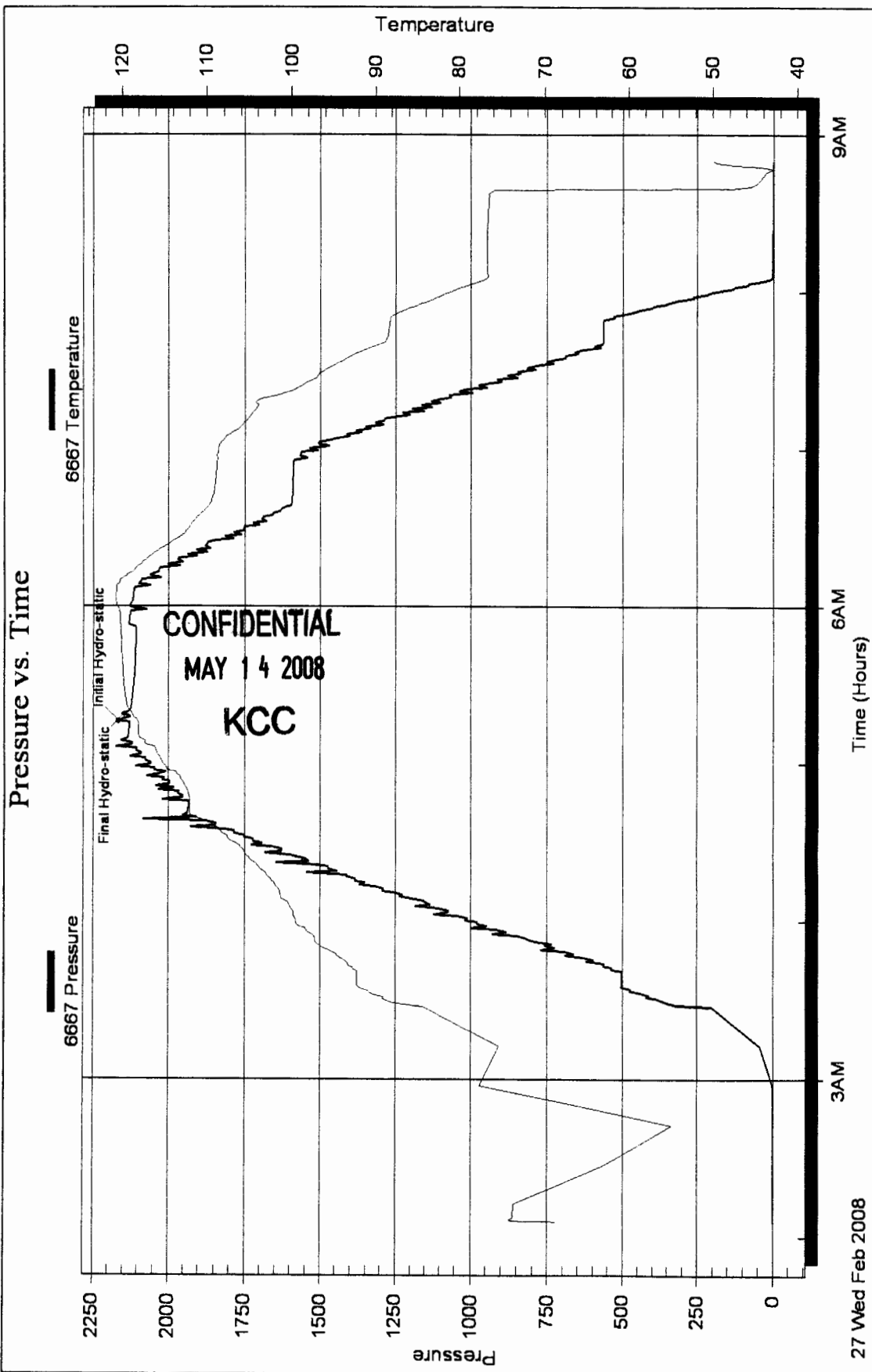
Serial #:

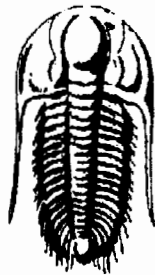
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Inc**

125 N Market Ste 1252  
Wichita KS 67202

**CONFIDENTIAL**  
**MAY 14 2008**  
**KCC**

ATTN: Ken LaBlanc

**26 13S 30W Gove KS**

**Wesley #3**

Start Date: 2008.02.27 @ 09:00:05

End Date: 2008.02.27 @ 21:00:00

Job Ticket #: 31827      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Falcon Exploration Inc

125 N Market Ste 1252  
Wichita KS 67202

ATTN: Ken LaBlanc

**Wesley #3**

**26 13S 30W Gove KS**

Job Ticket: 31827

**DST#: 2**

Test Start: 2008.02.27 @ 09:00:05

### GENERAL INFORMATION:

Formation: **Pawnee, Myrick St, Ft**

Deviated: **No** Whipstock: ft (KB)

Time Tool Opened: 10:55:15

Time Test Ended: 21:00:00

Interval: **4335.00 ft (KB) To 4416.00 ft (KB) (TVD)**

Total Depth: **4416.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Reference Elevations: **2873.00 ft (KB)**

**2868.00 ft (CF)**

KB to GR/CF: **5.00 ft**

**Serial #: 6667**

**Inside**

Press@RunDepth: **174.65 psig @ 4347.00 ft (KB)**

Start Date: **2008.02.27**

End Date:

**2008.02.27**

Capacity: **7000.00 psig**

Last Calib.: **2008.02.27**

Start Time: **09:00:05**

End Time:

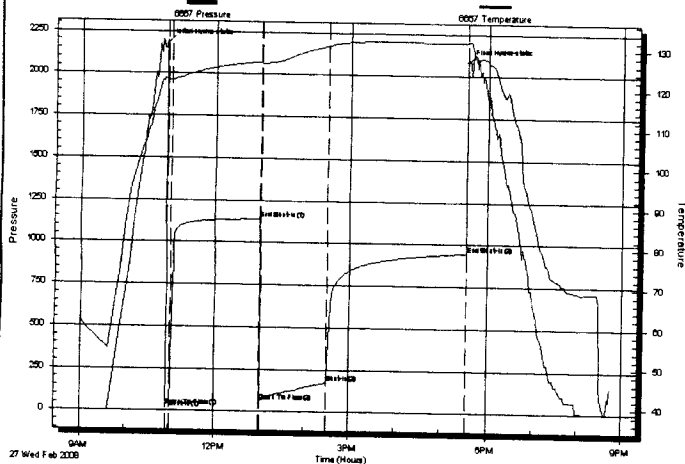
**20:46:15**

Time On Btm: **2008.02.27 @ 10:55:00**

Time Off Btm: **2008.02.27 @ 17:33:15**

TEST COMMENT: **8 1/2 " blow  
No return  
BOB in 5 min.  
8 " return**

Pressure vs. Time



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2181.80         | 122.42       | Initial Hydro-static |
| 1           | 27.58           | 122.00       | Open To Flow (1)     |
| 6           | 63.18           | 121.72       | Shut-In (1)          |
| 126         | 1138.99         | 126.55       | End Shut-In (1)      |
| 127         | 61.30           | 126.24       | Open To Flow (2)     |
| 216         | 174.65          | 130.62       | Shut-In (2)          |
| 398         | 946.06          | 131.70       | End Shut-In (2)      |
| 399         | 2082.85         | 131.97       | Final Hydro-static   |

### Recovery

| Length (ft) | Description               | Volume (bbl) |
|-------------|---------------------------|--------------|
| 120.00      | SGOMCW 5%G 5%O 20%M 70%W  | 0.61         |
| 120.00      | GOWCM 10%G 20%O 20%W 50%M | 1.68         |
| 125.00      | GMCO 30%G 20%M 50%O       | 1.75         |
|             |                           |              |
|             |                           |              |
|             |                           |              |

### Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
|                |                 |                  |



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Inc

125 N Market Ste 1252  
Wichita KS 67202

ATTN: Ken LaBlanc

**Wesley #3**

**26 13S 30W Gove KS**

Job Ticket: 31827

**DST#: 2**

Test Start: 2008.02.27 @ 09:00:05

### Tool Information

|                           |                    |                       |                   |                        |             |
|---------------------------|--------------------|-----------------------|-------------------|------------------------|-------------|
| Drill Pipe:               | Length: 4219.00 ft | Diameter: 3.80 inches | Volume: 59.18 bbl | Tool Weight:           | 1500.00 lb  |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl  | Weight set on Packer:  | 25000.00 lb |
| Drill Collar:             | Length: 118.00 ft  | Diameter: 2.25 inches | Volume: 0.58 bbl  | Weight to Pull Loose:  | 85000.00 lb |
|                           |                    | Total Volume:         | 59.76 bbl         | Tool Chased            | 0.00 ft     |
| Drill Pipe Above KB:      | 29.00 ft           |                       |                   | String Weight: Initial | 65000.00 lb |
| Depth to Top Packer:      | 4335.00 ft         |                       |                   | Final                  | 68000.00 lb |
| Depth to Bottom Packer:   | ft                 |                       |                   |                        |             |
| Interval between Packers: | 111.00 ft          |                       |                   |                        |             |
| Tool Length:              | 138.00 ft          |                       |                   |                        |             |
| Number of Packers:        | 2                  | Diameter:             | 6.75 inches       |                        |             |
| Tool Comments:            |                    |                       |                   |                        |             |

### Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

|                 |       |      |         |         |                                |
|-----------------|-------|------|---------|---------|--------------------------------|
| Shut In Tool    | 5.00  |      |         | 4313.00 |                                |
| Hydraulic tool  | 5.00  |      |         | 4318.00 |                                |
| Jars            | 5.00  |      |         | 4323.00 |                                |
| Safety Joint    | 2.00  |      |         | 4325.00 |                                |
| Packer          | 5.00  |      |         | 4330.00 | 27.00 Bottom Of Top Packer     |
| Packer          | 5.00  |      |         | 4335.00 |                                |
| Stubb           | 1.00  |      |         | 4336.00 |                                |
| Perforations    | 10.00 |      |         | 4346.00 |                                |
| Change Over Sub | 1.00  |      |         | 4347.00 |                                |
| Recorder        | 0.00  | 6667 | Inside  | 4347.00 |                                |
| Recorder        | 0.00  | 6771 | Outside | 4347.00 |                                |
| Drill Pipe      | 93.00 |      |         | 4440.00 |                                |
| Change Over Sub | 1.00  |      |         | 4441.00 |                                |
| Bullnose        | 5.00  |      |         | 4446.00 | 111.00 Bottom Packers & Anchor |

**Total Tool Length: 138.00**



**TRILOBITE**  
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## DRILL STEM TEST REPORT

### FLUID SUMMARY

Falcon Exploration Inc

**Wesley #3**

125 N Market Ste 1252  
Wichita KS 67202

**26 13S 30W Gove KS**

Job Ticket: 31827

**DST#: 2**

ATTN: Ken LaBlanc

Test Start: 2008.02.27 @ 09:00:05

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 7.16 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 2100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

0 deg API

Water Salinity:

43000 ppm

### Recovery Information

Recovery Table

| Length<br>ft | Description               | Volume<br>bbl |
|--------------|---------------------------|---------------|
| 120.00       | SGOMCW 5%G 5%O 20%M 70%W  | 0.608         |
| 120.00       | GOWCM 10%G 20%O 20%W 50%M | 1.683         |
| 125.00       | GMCO 30%G 20%M 50%O       | 1.753         |

Total Length: 365.00 ft

Total Volume: 4.044 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

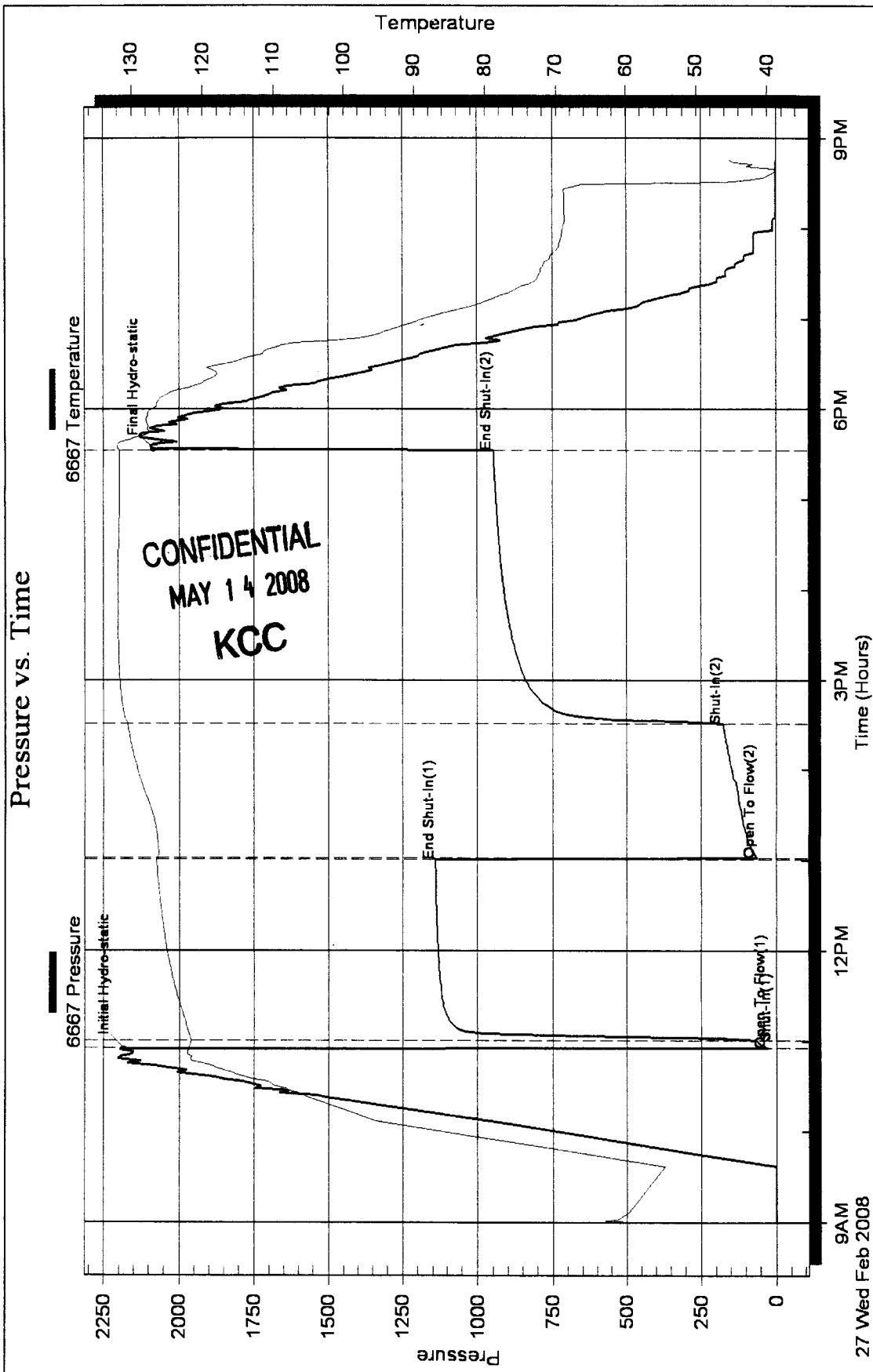
Serial #:

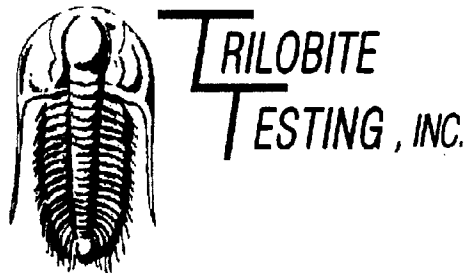
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .220 @ 54\*f =43000

# Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Inc**

125 N Market Ste 1252  
Wichita KS 67202

**CONFIDENTIAL**  
**MAY 14 2008**  
**KCC**

ATTN: Ken LaBlanc

**26 13S 30W Gove KS**

**Wesley #3**

Start Date: 2008.02.28 @ 15:55:05

End Date: 2008.02.29 @ 02:45:00

Job Ticket #: 31828                      DST #: 3

RECEIVED  
KANSAS CORPORATION COMMISSION

**MAY 15 2008**

CONSERVATION DIVISION  
WICHITA, KS

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Falcon Exploration Inc

125 N Market Ste 1252  
Wichita KS 67202

ATTN: Ken LaBlanc

**Wesley #3**

**26 13S 30W Gove KS**

Job Ticket: 31828

**DST#: 3**

Test Start: 2008.02.28 @ 15:55:05

### GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 19:22:15

Time Test Ended: 02:45:00

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Interval: **4406.00 ft (KB) To 4502.00 ft (KB) (TVD)**

Total Depth: **4502.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2873.00 ft (KB)**

**2868.00 ft (CF)**

KB to GR/CF: **5.00 ft**

**Serial #: 6771**

**Outside**

Press@RunDepth: **79.26 psig @ 4407.00 ft (KB)**

Start Date: **2008.02.28**

End Date:

**2008.02.29**

Capacity: **7000.00 psig**

Last Calib.: **2008.02.29**

Start Time: **15:55:05**

End Time:

**02:34:00**

Time On Btm: **2008.02.28 @ 19:22:00**

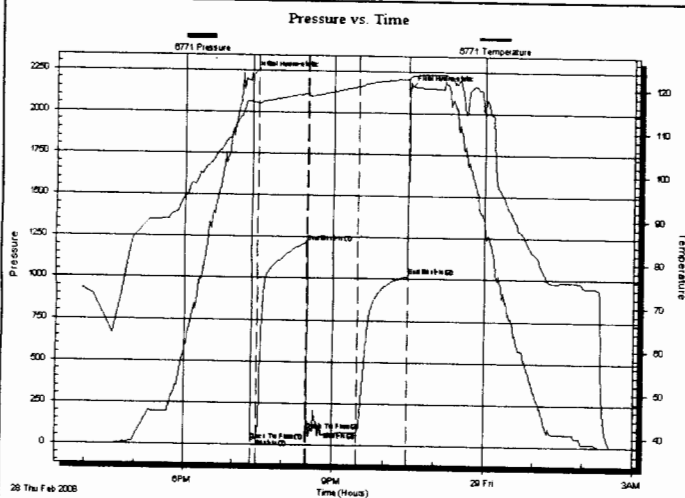
Time Off Btm: **2008.02.28 @ 22:28:00**

TEST COMMENT: **1/4 " @ open built to 1 "**

**No return**

**No blow flush tool after 15 min 1/8 " blow**

**No return**



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2217.17         | 117.54       | Initial Hydro-static |
| 1           | 26.46           | 116.52       | Open To Flow (1)     |
| 7           | 34.93           | 116.54       | Shut-In(1)           |
| 67          | 1217.31         | 118.74       | End Shut-In(1)       |
| 67          | 84.51           | 118.14       | Open To Flow (2)     |
| 127         | 79.26           | 120.43       | Shut-In(2)           |
| 186         | 1017.86         | 122.32       | End Shut-In(2)       |
| 186         | 2142.49         | 122.67       | Final Hydro-static   |

### Recovery

| Length (ft) | Description     | Volume (bbl) |
|-------------|-----------------|--------------|
| 118.00      | OCM 25% O 75% M | 0.58         |
|             |                 |              |
|             |                 |              |
|             |                 |              |
|             |                 |              |
|             |                 |              |

### Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
|----------------|-----------------|------------------|



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Falcon Exploration Inc

125 N Market Ste 1252  
Wichita KS 67202

ATTN: Ken LaBlanc

**Wesley #3**

**26 13S 30W Gove KS**

Job Ticket: 31828

**DST#: 3**

Test Start: 2008.02.28 @ 15:55:05

### Tool Information

|                           |                    |                       |                                |                        |             |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe:               | Length: 4283.00 ft | Diameter: 3.80 inches | Volume: 60.08 bbl              | Tool Weight:           | 1500.00 lb  |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer:  | 25000.00 lb |
| Drill Collar:             | Length: 118.00 ft  | Diameter: 2.25 inches | Volume: 0.58 bbl               | Weight to Pull Loose:  | 88000.00 lb |
|                           |                    |                       | <u>Total Volume: 60.66 bbl</u> | Tool Chased            | 0.00 ft     |
| Drill Pipe Above KB:      | 22.00 ft           |                       |                                | String Weight: Initial | 68000.00 lb |
| Depth to Top Packer:      | 4406.00 ft         |                       |                                | Final                  | 68000.00 lb |
| Depth to Bottom Packer:   | ft                 |                       |                                |                        |             |
| Interval between Packers: | 96.00 ft           |                       |                                |                        |             |
| Tool Length:              | 123.00 ft          |                       |                                |                        |             |
| Number of Packers:        | 2                  | Diameter:             | 6.75 inches                    |                        |             |
| Tool Comments:            |                    |                       |                                |                        |             |

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

|                 |       |      |         |         |                               |
|-----------------|-------|------|---------|---------|-------------------------------|
| Shut In Tool    | 5.00  |      |         | 4384.00 |                               |
| Hydraulic tool  | 5.00  |      |         | 4389.00 |                               |
| Jars            | 5.00  |      |         | 4394.00 |                               |
| Safety Joint    | 2.00  |      |         | 4396.00 |                               |
| Packer          | 5.00  |      |         | 4401.00 | 27.00 Bottom Of Top Packer    |
| Packer          | 5.00  |      |         | 4406.00 |                               |
| Stubb           | 1.00  |      |         | 4407.00 |                               |
| Recorder        | 0.00  | 6667 | Inside  | 4407.00 |                               |
| Recorder        | 0.00  | 6771 | Outside | 4407.00 |                               |
| Perforations    | 24.00 |      |         | 4431.00 |                               |
| Change Over Sub | 1.00  |      |         | 4432.00 |                               |
| Drill Pipe      | 64.00 |      |         | 4496.00 |                               |
| Change Over Sub | 1.00  |      |         | 4497.00 |                               |
| Bullnose        | 5.00  |      |         | 4502.00 | 96.00 Bottom Packers & Anchor |

**Total Tool Length: 123.00**



**TRILOBITE**  
**TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration Inc

**Wesley #3**

125 N Market Ste 1252  
Wichita KS 67202

**26 13S 30W Gove KS**

Job Ticket: 31828

DST#: 3

ATTN: Ken LaBlanc

Test Start: 2008.02.28 @ 15:55:05

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.56 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description   | Volume<br>bbl |
|--------------|---------------|---------------|
| 118.00       | OCM 25%O 75%M | 0.580         |

Total Length: 118.00 ft

Total Volume: 0.580 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

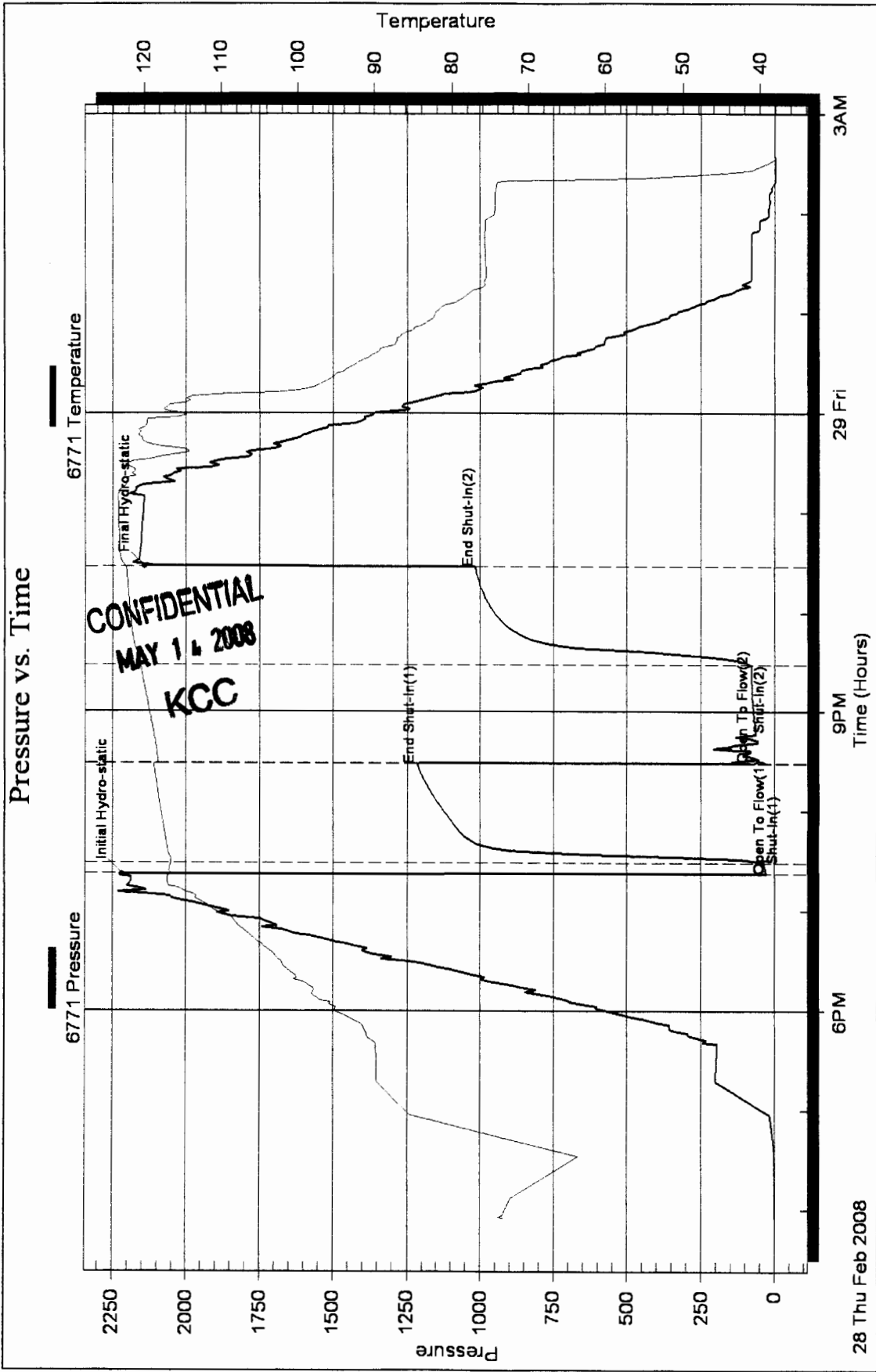
Serial #:

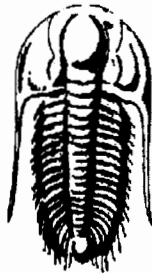
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**CONFIDENTIAL  
MAY 14 2008  
KCC**

Prepared For: **Falcon Exploration Inc**

125 N Market Ste 1252  
Wichita KS 67202

ATTN: Ken LaBlanc

**26 13S 30W Gove KS**

**Wesley #3**

Start Date: 2008.02.29 @ 15:40:05

End Date: 2008.02.29 @ 23:25:29

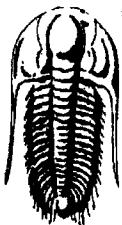
Job Ticket #: 31829      DST #: 4

**RECEIVED  
KANSAS CORPORATION COMMISSION**

**MAY 15 2008**

**CONSERVATION DIVISION  
WICHITA, KS**

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Falcon Exploration Inc

125 N Market Ste 1252  
Wichita KS 67202

ATTN: Ken LaBlanc

**Wesley #3**

**26 13S 30W Gove KS**

Job Ticket: 31829

**DST#: 4**

Test Start: 2008.02.29 @ 15:40:05

### GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:31:30

Time Test Ended: 23:25:29

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **4503.00 ft (KB) To 4520.00 ft (KB) (TVD)**

Total Depth: 4520.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2873.00 ft (KB)

2868.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 6667**

**Inside**

Press@RunDepth: 13.80 psig @ 4504.00 ft (KB)

Start Date: 2008.02.29

End Date:

2008.02.29

Capacity: 7000.00 psig

Last Calib.: 2008.02.29

Start Time: 15:40:05

End Time:

23:07:29

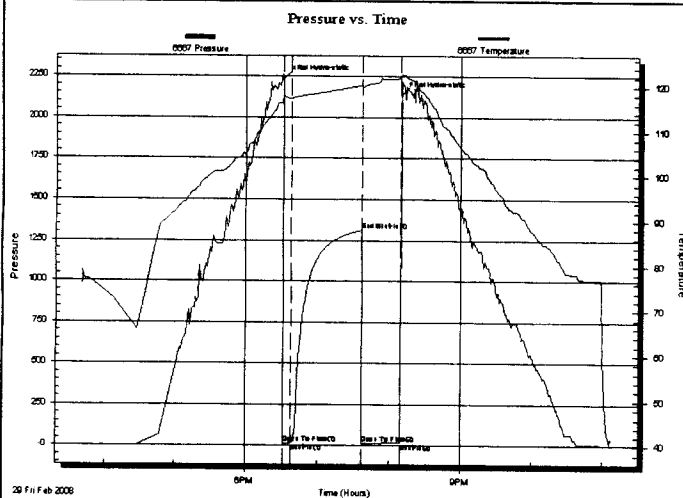
Time On Btm: 2008.02.29 @ 18:31:15

Time Off Btm: 2008.02.29 @ 20:09:45

TEST COMMENT: Weak 1/8 " blow

No return

No blow flush tool after 15 min. good surge no blow pull tool



### PRESSURE SUMMARY

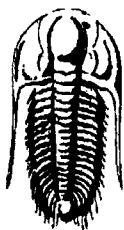
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2233.67         | 118.10       | Initial Hydro-static |
| 1           | 13.16           | 117.62       | Open To Flow (1)     |
| 7           | 13.80           | 117.33       | Shut-In (1)          |
| 66          | 1311.02         | 120.30       | End Shut-In (1)      |
| 66          | 14.25           | 119.83       | Open To Flow (2)     |
| 98          | 17.40           | 121.88       | Shut-In (2)          |
| 99          | 2137.38         | 122.79       | Final Hydro-static   |

### Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00        | 100%M       | 0.02         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

### Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|--|----------------|-----------------|------------------|



**TRILOBITE**  
**TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Inc.

125 N Market Ste 1252  
Wichita KS 67202

ATTN: Ken LaBlanc

**Wesley #3**

**26 13S 30W Gove KS**

Job Ticket: 31829

DST#: 4

Test Start: 2008.02.29 @ 15:40:05

### Tool Information

|                           |                    |                       |                   |                        |             |
|---------------------------|--------------------|-----------------------|-------------------|------------------------|-------------|
| Drill Pipe:               | Length: 4379.00 ft | Diameter: 3.80 inches | Volume: 61.43 bbl | Tool Weight:           | 1500.00 lb  |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl  | Weight set on Packer:  | 25000.00 lb |
| Drill Collar:             | Length: 118.00 ft  | Diameter: 2.25 inches | Volume: 0.58 bbl  | Weight to Pull Loose:  | 85000.00 lb |
|                           |                    | Total Volume:         | 62.01 bbl         | Tool Chased            | 0.00 ft     |
| Drill Pipe Above KB:      | 21.00 ft           |                       |                   | String Weight: Initial | 68000.00 lb |
| Depth to Top Packer:      | 4503.00 ft         |                       |                   | Final                  | 68000.00 lb |
| Depth to Bottom Packer:   | ft                 |                       |                   |                        |             |
| Interval between Packers: | 17.00 ft           |                       |                   |                        |             |
| Tool Length:              | 44.00 ft           |                       |                   |                        |             |
| Number of Packers:        | 2                  | Diameter:             |                   |                        |             |
| Tool Comments:            |                    |                       |                   |                        |             |

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| Tool Description   | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|--------------------|-------------|------------|----------|------------|-------------------------------|
| Shut In Tool       | 5.00        |            |          | 4481.00    |                               |
| Hydraulic tool     | 5.00        |            |          | 4486.00    |                               |
| Jars               | 5.00        |            |          | 4491.00    |                               |
| Safety Joint       | 2.00        |            |          | 4493.00    |                               |
| Packer             | 5.00        |            |          | 4498.00    | 27.00 Bottom Of Top Packer    |
| Packer             | 5.00        |            |          | 4503.00    |                               |
| Stubb              | 1.00        |            |          | 4504.00    |                               |
| Recorder           | 0.00        | 6667       | Inside   | 4504.00    |                               |
| Recorder           | 0.00        | 6771       | Outside  | 4504.00    |                               |
| Perforations       | 11.00       |            |          | 4515.00    |                               |
| Bullnose           | 5.00        |            |          | 4520.00    | 17.00 Bottom Packers & Anchor |
| Total Tool Length: |             | 44.00      |          |            |                               |



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

Falcon Exploration Inc

**Wesley #3**

125 N Market Ste 1252  
Wichita KS 67202

**26 13S 30W Gove KS**

Job Ticket: 31829

**DST#: 4**

ATTN: Ken LaBlanc

Test Start: 2008.02.29 @ 15:40:05

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 5.00         | 100%M       | 0.025         |

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

