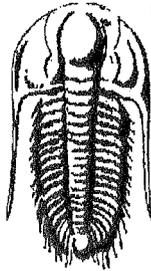


15-051-25640

3-12s-18w CBS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Tim Priest

3 12 18W Ellis KS

Walters "M" 2-3

Start Date: 2007.04.24 @ 19:06:26
End Date: 2007.04.25 @ 04:25:51
Job Ticket #: 27864 DST #: 1

**KCC
JUN 08 2007
CONFIDENTIAL**

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

**RECEIVED
KANSAS CORPORATION COMMISSION**

**JUN 11 2007
CONSERVATION DIVISION
WICHITA, KS**

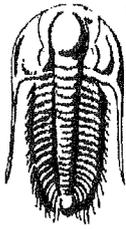
McCoy Petroleum

Walters "M" 2-3

3 12 18W Ellis KS

DST # 1

2007.04.24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum

Walters "M" 2-3

8080 E Central Ste 300
Wichita KS 67206

3 12 18W Ellis KS

ATTN: Tim Priest

Job Ticket: 27864

DST#: 1

Test Start: 2007.04.24 @ 19:06:26

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:00:36

Time Test Ended: 04:25:51

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3399.00 ft (KB) To 3482.00 ft (KB) (TVD)**

Reference Elevations: 2169.00 ft (KB)

Total Depth: 3482.00 ft (KB) (TVD)

2158.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 11.00 ft

Serial #: 6771 Inside

Press@RunDepth: 108.69 psig @ 3405.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.24

End Date:

2007.04.25

Last Calib.: 2007.04.25

Start Time: 19:06:26

End Time:

04:25:51

Time On Btm: 2007.04.24 @ 22:00:21

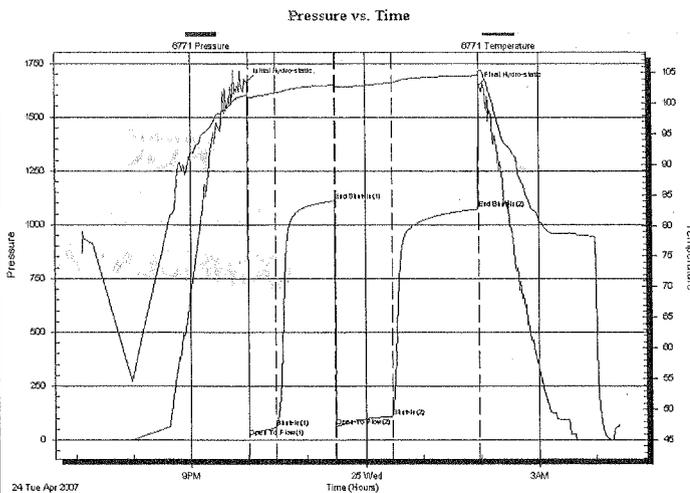
Time Off Btm: 2007.04.25 @ 01:58:05

TEST COMMENT: IFP BOB 15 min.

ISI 1 " blow back died 51 min.

FFP BOB 6 min.

FSI 2 1/2 " blow back



PRESSURE SUMMARY

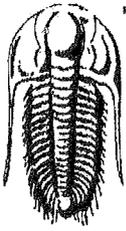
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1664.13 | 101.36 | Initial Hydro-static |
| 1 | 15.16 | 100.64 | Open To Flow (1) |
| 29 | 58.38 | 101.68 | Shut-in(1) |
| 89 | 1110.65 | 102.98 | End Shut-in(1) |
| 90 | 64.77 | 102.67 | Open To Flow (2) |
| 148 | 108.69 | 103.35 | Shut-in(2) |
| 238 | 1072.90 | 104.51 | End Shut-in(2) |
| 238 | 1645.88 | 104.82 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------|--------------|
| 125.00 | HOCM 40%O 60%M | 0.61 |
| 155.00 | G Free Oil 15%G 85%O | 1.05 |
| | | |
| | | |
| | | |

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum

Walters "M" 2-3

8080 E Central Ste 300
Wichita KS 67206

3 12 18W Ellis KS

Job Ticket: 27864

DST#: 1

ATTN: Tim Priest

Test Start: 2007.04.24 @ 19:06:26

Tool Information

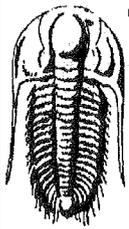
Drill Pipe: Length: 3150.00 ft Diameter: 3.80 inches Volume: 44.19 bbl
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
 Drill Collar: Length: 248.00 ft Diameter: 2.25 inches Volume: 1.22 bbl
 Total Volume: 45.41 bbl
 Drill Pipe Above KB: 19.00 ft
 Depth to Top Packer: 3399.00 ft
 Depth to Bottom Packer: ft
 Interval between Packers: 83.02 ft
 Tool Length: 103.02 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

Tool Weight: 2500.00 lb
 Weight set on Packer: 25000.00 lb
 Weight to Pull Loose: 80000.00 lb
 Tool Chased 0.00 ft
 String Weight: Initial 58000.00 lb
 Final 59000.00 lb

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

| | | | | | |
|-----------------|-------|-------|---------|---------|-------------------------------|
| Shut In Tool | 5.00 | | | 3384.00 | |
| Hydraulic tool | 5.00 | | | 3389.00 | |
| Packer | 5.00 | | | 3394.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3399.00 | |
| Stubb | 1.00 | | | 3400.00 | |
| Perforations | 4.00 | | | 3404.00 | |
| Change Over Sub | 1.00 | | | 3405.00 | |
| Recorder | 0.01 | 6771 | Inside | 3405.01 | |
| Blank Spacing | 63.00 | | | 3468.01 | |
| Change Over Sub | 1.00 | | | 3469.01 | |
| Perforations | 10.00 | | | 3479.01 | |
| Recorder | 0.01 | 13548 | Outside | 3479.02 | |
| Bullnose | 3.00 | | | 3482.02 | 83.02 Bottom Packers & Anchor |

Total Tool Length: 103.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum
8080 E Central Ste 300
Wichita KS 67206
ATTN: Tim Priest

Walters "M" 2-3
3 12 18W Ellis KS
Job Ticket: 27864 **DST#: 1**
Test Start: 2007.04.24 @ 19:06:26

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | 37 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 53.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 6.34 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 5200.00 ppm | | | |
| Filter Cake: inches | | | |

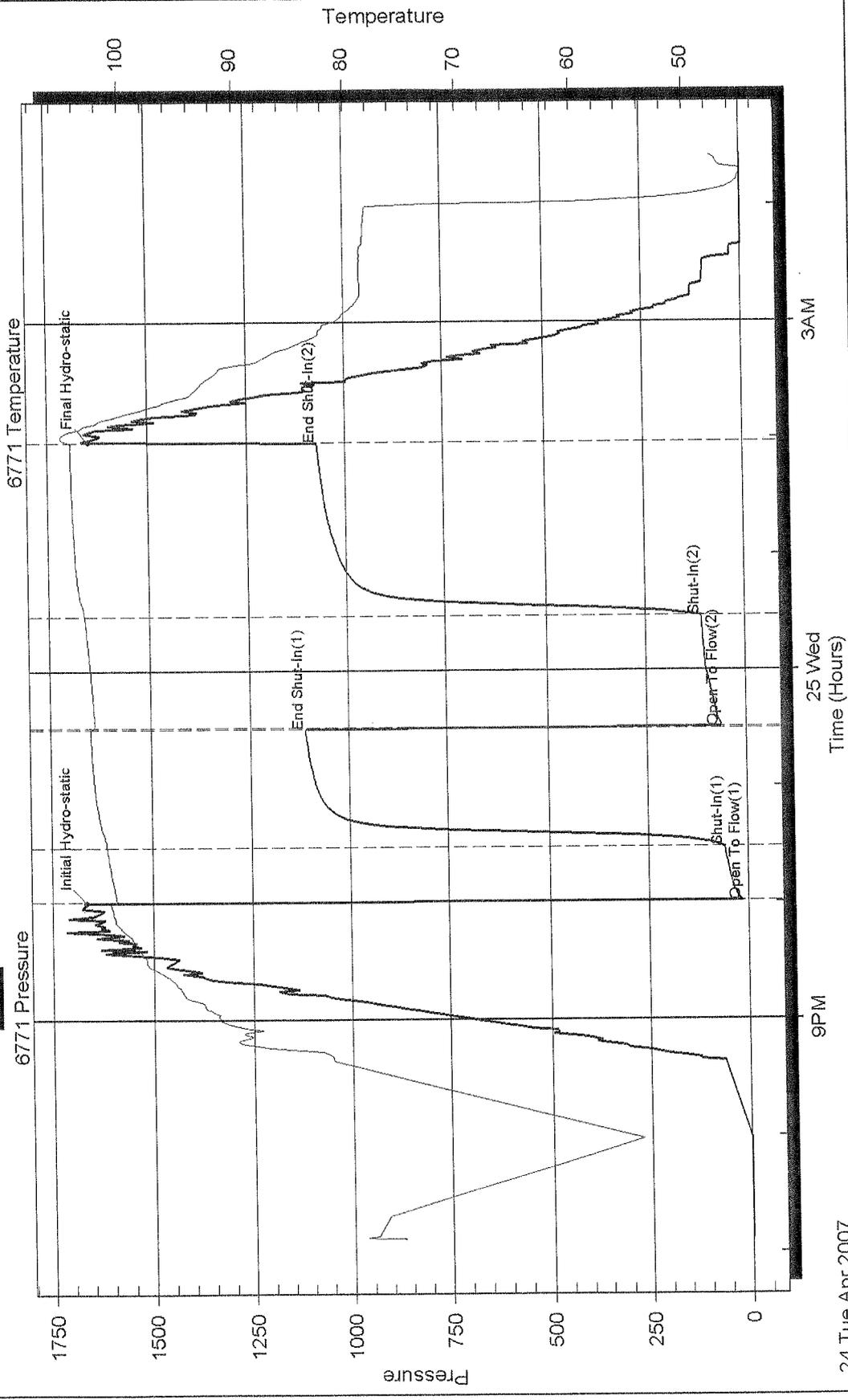
Recovery Information

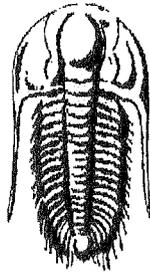
Recovery Table

| Length ft | Description | Volume bbl |
|--------------|----------------------|---------------|
| 125.00 | HOCM 40%O 60%M | 0.615 |
| 155.00 | G Free Oil 15%G 85%O | 1.054 |

Total Length: 280.00 ft Total Volume: 1.669 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 700 ' GIP

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Tim Priest

3 12 18W Ellis KS

Walters "M" 2-3

Start Date: 2007.04.25 @ 12:22:29

End Date: 2007.04.25 @ 20:12:08

Job Ticket #: 27865 DST #: 2

McCoy Petroleum

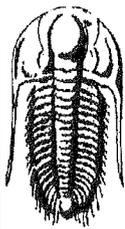
Walters "M" 2-3

3 12 18W Ellis KS

DST # 2

2007.04.25

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum
 8080 E Central Ste 300
 Wichita KS 67206
 ATTN: Tim Priest

Walters "M" 2-3
3 12 18W Ellis KS
 Job Ticket: 27865 **DST#: 2**
 Test Start: 2007.04.25 @ 12:22:29

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:56:09

Time Test Ended: 20:12:08

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 3496.00 ft (KB) To 3528.00 ft (KB) (TVD)

Total Depth: 3528.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2169.00 ft (KB)

2158.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6771

Inside

Press@RunDepth: 17.69 psig @ 3501.01 ft (KB)

Start Date: 2007.04.25

End Date: 2007.04.25

Start Time: 12:22:29

End Time: 20:12:08

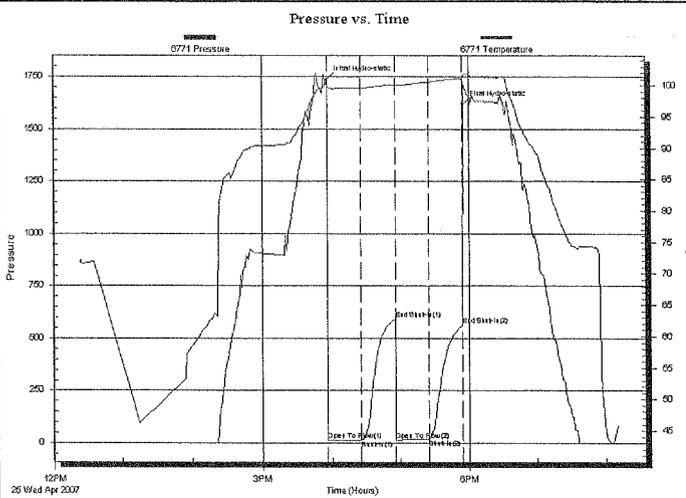
Capacity: 7000.00 psig

Last Calib.: 2007.04.25

Time On Btm: 2007.04.25 @ 15:55:54

Time Off Btm: 2007.04.25 @ 17:55:08

TEST COMMENT: IFP Sur blow died 16 min.
 ISI No blow back
 FFP No blow
 FSI No blow back



PRESSURE SUMMARY

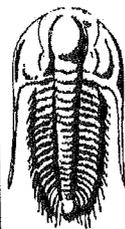
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1736.19 | 100.15 | Initial Hydro-static |
| 1 | 12.61 | 99.65 | Open To Flow (1) |
| 30 | 14.81 | 99.58 | Shut-In(1) |
| 60 | 592.93 | 100.11 | End Shut-In(1) |
| 60 | 15.46 | 99.76 | Open To Flow(2) |
| 89 | 17.69 | 100.52 | Shut-In(2) |
| 119 | 563.28 | 101.13 | End Shut-In(2) |
| 120 | 1618.99 | 101.53 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------|--------------|
| 10.00 | VSOCM 3%O 97%M | 0.05 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum

Walters "M" 2-3

8080 E Central Ste 300
Wichita KS 67206

3 12 18W Ellis KS

Job Ticket: 27865

DST#: 2

ATTN: Tim Priest

Test Start: 2007.04.25 @ 12:22:29

Tool Information

Drill Pipe: Length: 3247.00 ft Diameter: 3.80 inches Volume: 45.55 bbl
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
 Drill Collar: Length: 248.00 ft Diameter: 2.25 inches Volume: 1.22 bbl
 Total Volume: 46.77 bbl
 Drill Pipe Above KB: 19.00 ft
 Depth to Top Packer: 3496.00 ft
 Depth to Bottom Packer: ft
 Interval between Packers: 32.02 ft
 Tool Length: 52.02 ft
 Number of Packers: 2 Diameter: 6.75 inches

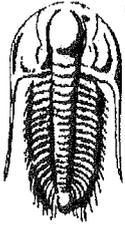
Tool Weight: 2500.00 lb
 Weight set on Packer: 25000.00 lb
 Weight to Pull Loose: 60000.00 lb
 Tool Chased 0.00 ft
 String Weight: Initial 56000.00 lb
 Final 56000.00 lb

Tool Comments:

out with bit
work on cat head 30 min. in with tool

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

| | | | | | |
|---------------------------|--------------|-------|---------|---------|-------------------------------|
| Shut In Tool | 5.00 | | | 3481.00 | |
| Hydraulic tool | 5.00 | | | 3486.00 | |
| Packer | 5.00 | | | 3491.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3496.00 | |
| Stubb | 1.00 | | | 3497.00 | |
| Perforations | 4.00 | | | 3501.00 | |
| Recorder | 0.01 | 6771 | Inside | 3501.01 | |
| Perforations | 24.00 | | | 3525.01 | |
| Recorder | 0.01 | 13548 | Outside | 3525.02 | |
| Bullnose | 3.00 | | | 3528.02 | 32.02 Bottom Packers & Anchor |
| Total Tool Length: | 52.02 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Walters "M" 2-3

8080 E Central Ste 300
Wichita KS 67206

3 12 18W Ellis KS

Job Ticket: 27865

DST#: 2

ATTN: Tim Priest

Test Start: 2007.04.25 @ 12:22:29

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 54.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.55 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 5200.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|----------------|---------------|
| 10.00 | VSOCM 3%O 97%M | 0.049 |

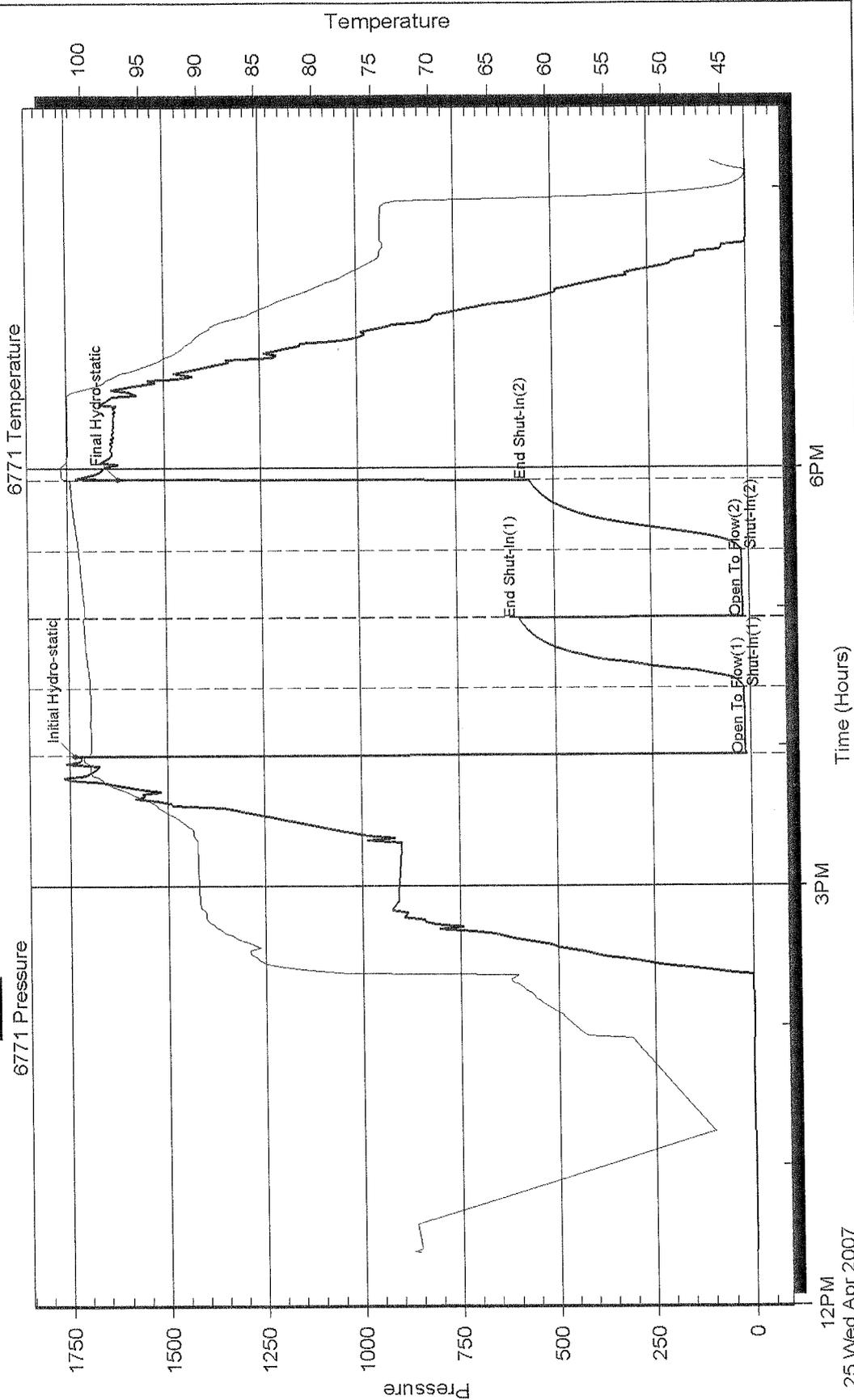
Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

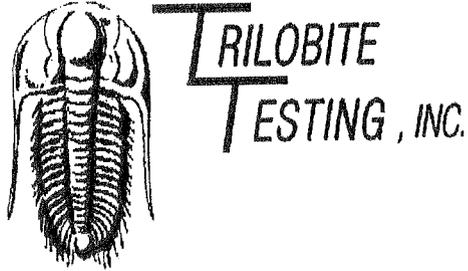
Recovery Comments:

Pressure vs. Time



6PM 3PM 12PM

25 Wed Apr 2007



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**
8080 E Central Ste 300
Wichita KS 67206

ATTN: Tim Priest

3 12 18W Ellis KS

Walters "M" 2-3

Start Date: 2007.04.26 @ 07:17:23
End Date: 2007.04.26 @ 13:19:02
Job Ticket #: 27866 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

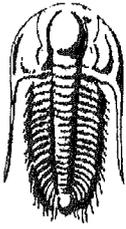
McCoy Petroleum

Walters "M" 2-3

3 12 18W Ellis KS

DST # 3

2007.04.26



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum
 8080 E Central Ste 300
 Wichita KS 67206
 ATTN: Tim Priest

Walters "M" 2-3
3 12 18W Ellis KS
 Job Ticket: 27866 **DST#: 3**
 Test Start: 2007.04.26 @ 07:17:23

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:31:48

Time Test Ended: 13:19:02

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 3526.00 ft (KB) To 3604.00 ft (KB) (TVD)

Total Depth: 3604.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2169.00 ft (KB)

2158.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6771

Inside

Press@RunDepth: 29.05 psig @ 3532.01 ft (KB)

Start Date: 2007.04.26

End Date: 2007.04.26

Start Time: 07:17:23

End Time: 13:19:02

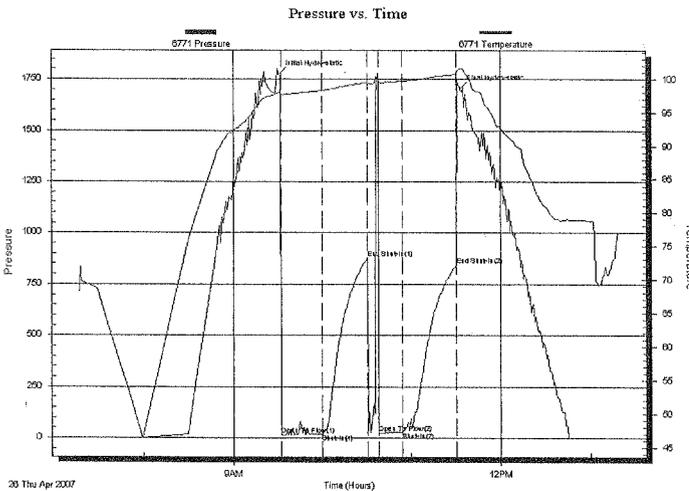
Capacity: 7000.00 psig

Last Calib.: 2007.04.26

Time On Btm: 2007.04.26 @ 09:30:33

Time Off Btm: 2007.04.26 @ 11:33:32

TEST COMMENT: IFP Sur blow died 18 min.
 ISI No blow back
 FFP No blow - flush tool - 10 bubbles
 FSI No blow back



PRESSURE SUMMARY

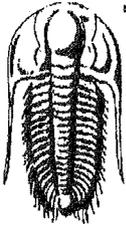
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1775.16 | 97.99 | Initial Hydro-static |
| 2 | 14.89 | 97.41 | Open To Flow (1) |
| 29 | 19.91 | 98.25 | Shut-In(1) |
| 61 | 878.10 | 99.47 | End Shut-In(1) |
| 68 | 25.04 | 99.30 | Open To Flow (2) |
| 84 | 29.05 | 99.67 | Shut-In(2) |
| 121 | 842.08 | 100.68 | End Shut-In(2) |
| 123 | 1704.59 | 101.53 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 20.00 | 100%M | 0.10 |
| | | |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum

Walters "M" 2-3

8080 E Central Ste 300
Wichita KS 67206

3 12 18W Ellis KS

Job Ticket: 27866

DST#: 3

ATTN: Tim Priest

Test Start: 2007.04.26 @ 07:17:23

Tool Information

| | | | |
|-----------------|--------------------|-----------------------|--------------------------------|
| Drill Pipe: | Length: 3277.00 ft | Diameter: 3.80 inches | Volume: 45.97 bbl |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl |
| Drill Collar: | Length: 248.00 ft | Diameter: 2.25 inches | Volume: 1.22 bbl |
| | | | Total Volume: 47.19 bbl |

| | |
|------------------------|-------------|
| Tool Weight: | 2500.00 lb |
| Weight set on Packer: | 25000.00 lb |
| Weight to Pull Loose: | 56000.00 lb |
| Tool Chased | 0.00 ft |
| String Weight: Initial | 56000.00 lb |
| Final | 56000.00 lb |

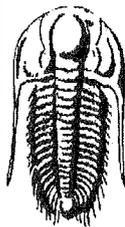
Drill Pipe Above KB: 19.00 ft
 Depth to Top Packer: 3526.00 ft
 Depth to Bottom Packer: ft
 Interval between Packers: 78.02 ft
 Tool Length: 98.02 ft
 Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

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

| | | | | | |
|-----------------|-------|-------|---------|---------|-------------------------------|
| Shut In Tool | 5.00 | | | 3511.00 | |
| Hydraulic tool | 5.00 | | | 3516.00 | |
| Packer | 5.00 | | | 3521.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3526.00 | |
| Stubb | 1.00 | | | 3527.00 | |
| Perforations | 4.00 | | | 3531.00 | |
| Change Over Sub | 1.00 | | | 3532.00 | |
| Recorder | 0.01 | 6771 | Inside | 3532.01 | |
| Blank Spacing | 63.00 | | | 3595.01 | |
| Change Over Sub | 1.00 | | | 3596.01 | |
| Perforations | 5.00 | | | 3601.01 | |
| Recorder | 0.01 | 13548 | Outside | 3601.02 | |
| Bullnose | 3.00 | | | 3604.02 | 78.02 Bottom Packers & Anchor |

Total Tool Length: 98.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Walters "M" 2-3

8080 E Central Ste 300
Wichita KS 67206

3 12 18W Ellis KS

Job Ticket: 27866

DST#: 3

ATTN: Tim Priest

Test Start: 2007.04.26 @ 07:17:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.56 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|-------------|----------------|
| 20.00 | 100%M | 0.098 |

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

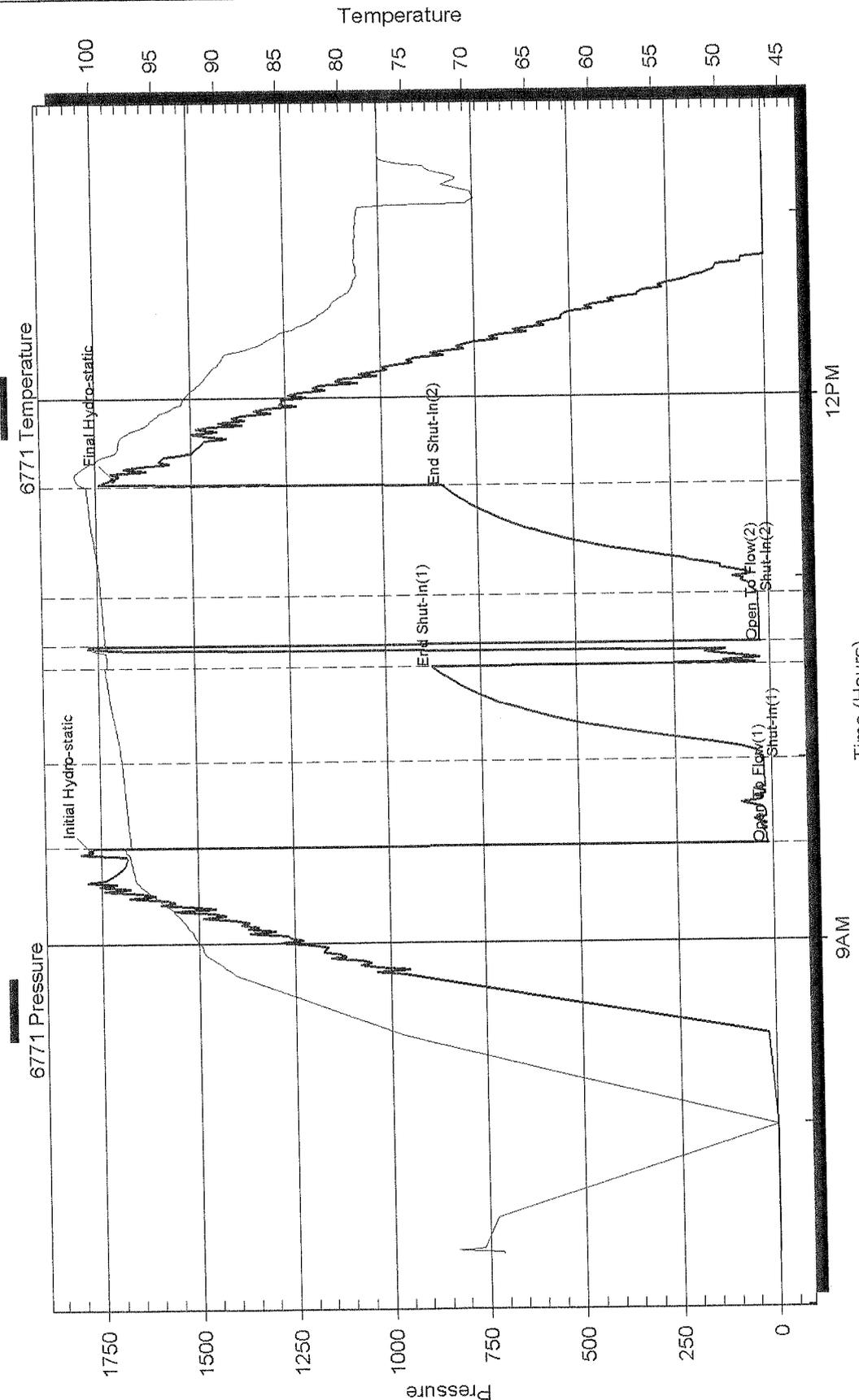
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

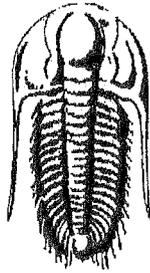


26 Thu Apr 2007

12PM

9AM

Time (Hours)



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Tim Priest

3 12 18W Ellis KS

Walters "M" 2-3

Start Date: 2007.04.27 @ 01:26:32

End Date: 2007.04.27 @ 09:17:26

Job Ticket #: 27867 DST #: 4

McCoy Petroleum

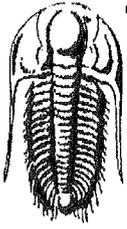
Walters "M" 2-3

3 12 18W Ellis KS

DST # 4

2007.04.27

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum
 8080 E Central Ste 300
 Wichita KS 67206
 ATTN: Tim Priest

Walters "M" 2-3
3 12 18W Ellis KS
 Job Ticket: 27867 **DST#: 4**
 Test Start: 2007.04.27 @ 01:26:32

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:22:12

Time Test Ended: 09:17:26

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 3604.00 ft (KB) To 3680.00 ft (KB) (TVD)

Total Depth: 3680.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches-Hole Condition:

Reference Elevations: 2169.00 ft (KB)

2158.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6771

Inside

Press@RunDepth: 61.86 psig @ 3608.01 ft (KB)

Start Date: 2007.04.27

End Date: 2007.04.27

Start Time: 01:26:32

End Time: 09:17:26

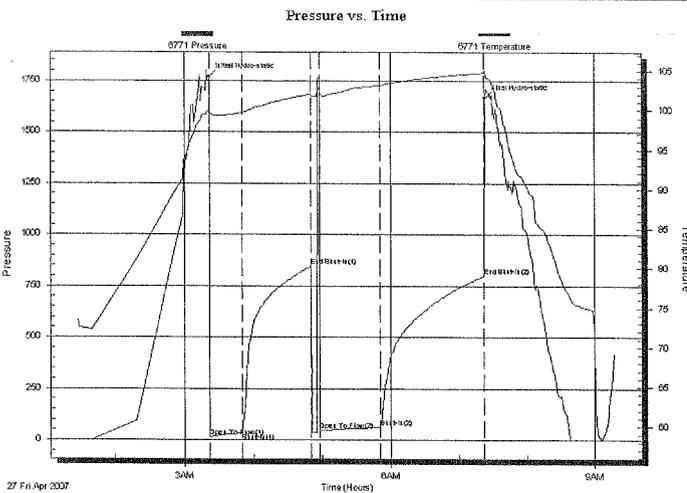
Capacity: 7000.00 psig

Last Calib.: 2007.04.27

Time On Btm: 2007.04.27 @ 03:21:57

Time Off Btm: 2007.04.27 @ 07:22:11

TEST COMMENT: IFP Weak blow throughout sur - 1 "
 ISI Sur blow back died 5 min.
 FFP No blow - flush tool - no blow
 FSI No blow back



PRESSURE SUMMARY

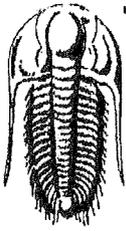
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1769.84 | 100.00 | Initial Hydro-static |
| 1 | 14.51 | 99.51 | Open To Flow (1) |
| 29 | 35.41 | 99.69 | Shut-In(1) |
| 89 | 844.82 | 102.00 | End Shut-In(1) |
| 96 | 45.05 | 102.21 | Open To Flow (2) |
| 149 | 61.86 | 103.11 | Shut-In(2) |
| 240 | 798.66 | 104.73 | End Shut-In(2) |
| 241 | 1665.99 | 105.03 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 70.00 | 100%M | 0.34 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum
8080 E Central Ste 300
Wichita KS 67206

ATTN: Tim Priest

Walters "M" 2-3
3 12 18W Ellis KS
Job Ticket: 27867 **DST#: 4**

Test Start: 2007.04.27 @ 01:26:32

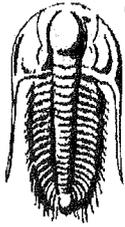
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe: | Length: 3340.00 ft | Diameter: 3.80 inches | Volume: 46.85 bbl | Tool Weight: 2500.00 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: 248.00 ft | Diameter: 2.25 inches | Volume: 1.22 bbl | Weight to Pull Loose: 75000.00 lb |
| | | Total Volume: | 48.07 bbl | Tool Chased 2.00 ft |
| Drill Pipe Above KB: | 4.00 ft | | | String Weight: Initial 57000.00 lb |
| Depth to Top Packer: | 3604.00 ft | | | Final 58000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 76.02 ft | | | |
| Tool Length: | 96.02 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:
received phone call at 0053 to come out. on location 0126

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Shut In Tool | 5.00 | | | 3589.00 | |
| Hydraulic tool | 5.00 | | | 3594.00 | |
| Packer | 5.00 | | | 3599.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3604.00 | |
| Stubb | 1.00 | | | 3605.00 | |
| Perforations | 2.00 | | | 3607.00 | |
| Change Over Sub | 1.00 | | | 3608.00 | |
| Recorder | 0.01 | 6771 | Inside | 3608.01 | |
| Blank Spacing | 63.00 | | | 3671.01 | |
| Change Over Sub | 1.00 | | | 3672.01 | |
| Perforations | 5.00 | | | 3677.01 | |
| Recorder | 0.01 | 13548 | Outside | 3677.02 | |
| Bullnose | 3.00 | | | 3680.02 | 76.02 Bottom Packers & Anchor |

Total Tool Length: 96.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Walters "M" 2-3

8080 E Central Ste 300
Wichita KS 67206

3 12 18W Ellis KS

Job Ticket: 27867

DST#: 4

ATTN: Tim Priest

Test Start: 2007.04.27 @ 01:26:32

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 50.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 8.35 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 5300.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 70.00 | 100%M | 0.344 |

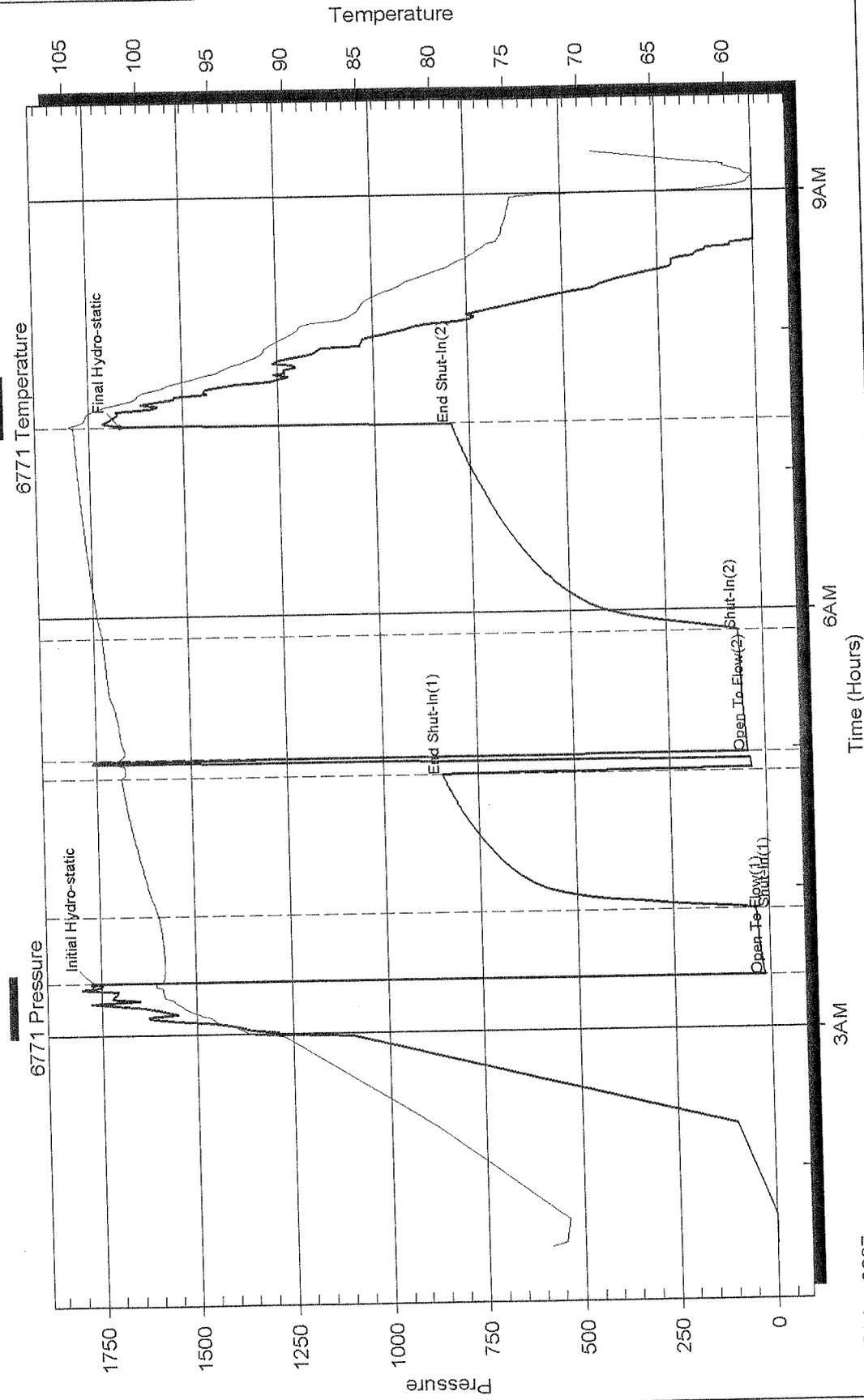
Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

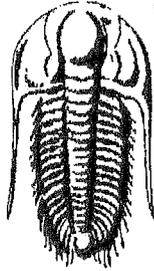
Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time



27 Fri Apr 2007



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Tim Priest

3 12 18W Ellis KS

Walters "M" 2-3

Start Date: 2007.04.27 @ 17:44:20

End Date: 2007.04.28 @ 00:03:59

Job Ticket #: 27868 DST #: 5

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

McCoy Petroleum

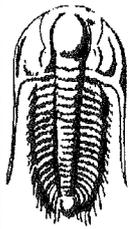
Walters "M" 2-3

3 12 18W Ellis KS

DST # 5

Arbuckle

2007.04.27



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum
8080 E Central Ste 300
Wichita KS 67206
ATTN: Tim Priest

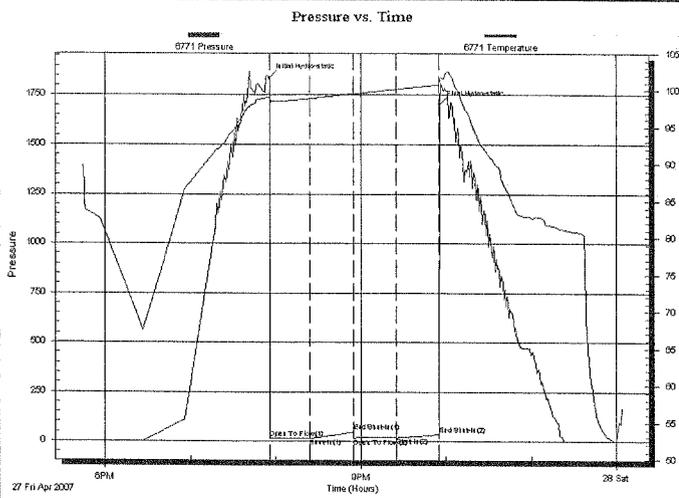
Walters "M" 2-3
3 12 18W Ellis KS
Job Ticket: 27868 **DST#: 5**
Test Start: 2007.04.27 @ 17:44:20

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:55:45
Time Test Ended: 00:03:59
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Interval: **3673.00 ft (KB) To 3744.00 ft (KB) (TVD)**
Reference Elevations: 2169.00 ft (KB)
Total Depth: 3744.00 ft (KB) (TVD) 2158.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: KB to GRVCF: 11.00 ft

Serial #: 6771 Inside
Press@RunDepth: 17.83 psig @ 3676.01 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.04.27 End Date: 2007.04.28 Last Calib.: 2007.04.28
Start Time: 17:44:20 End Time: 00:03:59 Time On Btm: 2007.04.27 @ 19:55:30
Time Off Btm: 2007.04.27 @ 21:55:30

TEST COMMENT: IFP Sur blow died 5 min.
ISI No blow back
FFP No blow
FSI No blow back



PRESSURE SUMMARY

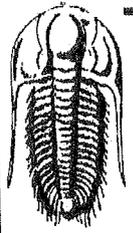
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1838.11 | 99.10 | Initial Hydro-static |
| 1 | 14.41 | 97.89 | Open To Flow (1) |
| 29 | 16.87 | 98.85 | Shut-In(1) |
| 60 | 46.60 | 99.56 | End Shut-In(1) |
| 60 | 16.58 | 99.55 | Open To Flow (2) |
| 90 | 17.83 | 100.15 | Shut-In(2) |
| 120 | 33.79 | 100.74 | End Shut-In(2) |
| 120 | 1705.19 | 101.52 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00 | 100%M | 0.05 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum

Walters "M" 2-3

8080 E Central Ste 300
Wichita KS 67206

3 12 18W Ellis KS

Job Ticket: 27868

DST#: 5

ATTN: Tim Priest

Test Start: 2007.04.27 @ 17:44:20

Tool Information

Drill Pipe: Length: 3434.00 ft Diameter: 3.80 inches Volume: 48.17 bbl
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
 Drill Collar: Length: 248.00 ft Diameter: 2.25 inches Volume: 1.22 bbl
 Total Volume: 49.39 bbl

Drill Pipe Above KB: 29.00 ft
 Depth to Top Packer: 3673.00 ft
 Depth to Bottom Packer: ft
 Interval betw een Packers: 71.02 ft
 Tool Length: 91.02 ft
 Number of Packers: 2 Diameter: 6.75 inches

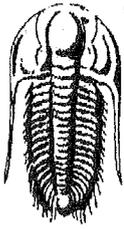
Tool Comments:

Tool Weight: 2500.00 lb
 Weight set on Packer: 25000.00 lb
 Weight to Pull Loose: 62000.00 lb
 Tool Chased 0.00 ft
 String Weight: Initial 60000.00 lb
 Final 60000.00 lb

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

| | | | | | |
|-----------------|-------|-------|---------|---------|-------------------------------|
| Shut In Tool | 5.00 | | | 3658.00 | |
| Hydraulic tool | 5.00 | | | 3663.00 | |
| Packer | 5.00 | | | 3668.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3673.00 | |
| Stubb | 1.00 | | | 3674.00 | |
| Perforations | 1.00 | | | 3675.00 | |
| Change Over Sub | 1.00 | | | 3676.00 | |
| Recorder | 0.01 | 6771 | Inside | 3676.01 | |
| Blank Spacing | 62.00 | | | 3738.01 | |
| Change Over Sub | 1.00 | | | 3739.01 | |
| Perforations | 2.00 | | | 3741.01 | |
| Recorder | 0.01 | 13548 | Outside | 3741.02 | |
| Bullnose | 3.00 | | | 3744.02 | 71.02 Bottom Packers & Anchor |

Total Tool Length: 91.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Walters "M" 2-3

8080 E Central Ste 300
Wichita KS 67206

3 12 18W Ellis KS

Job Ticket: 27868

DST#: 5

ATTN: Tim Priest

Test Start: 2007.04.27 @ 17:44:20

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 10.00 | 100%M | 0.049 |

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

6771 Temperature

6771 Pressure

