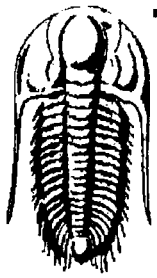


TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**4 16S 14W Barton KS**

**Miller Trust "A" # 2**

Start Date: 2006.06.02 @ 13:12:55
End Date: 2006.06.02 @ 20:26:25
Job Ticket #: 25046 DST #: 1

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

# DRILL STEM TEST REPORT

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**Miller Trust "A" # 2**

**4 16S 14W Barton KS**

Job Ticket: 25046 **DST#: 1**

Test Start: 2006.06.02 @ 13:12:55

## GENERAL INFORMATION:

Formation: **L.Kc.-B & C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:51:25
Time Test Ended: 20:26:25

Test Type: Conventional Bottom Hole
Tester: John Schmidt
Unit No: 31

**Interval: 3155.00 ft (KB) To 3194.00 ft (KB) (TVD)**
Total Depth: 3194.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

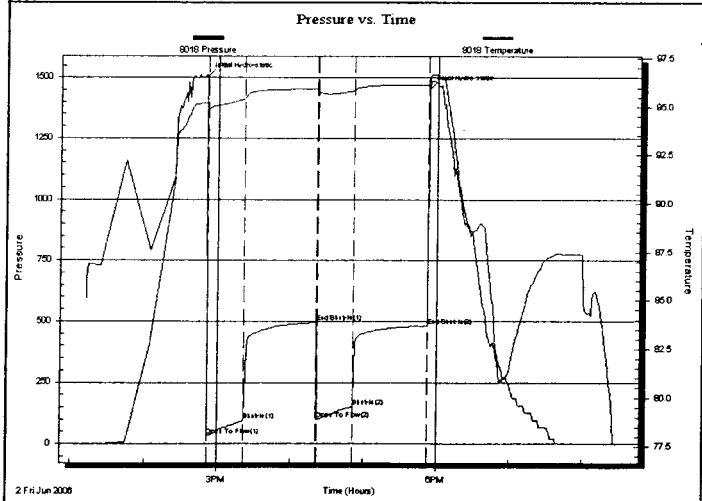
Reference Elevations: 1935.00 ft (KB)
1930.00 ft (CF)
KB to GR/CF: 5.00 ft

**Serial #: 8018** **Inside**

Press@RunDepth: 151.29 psig @ 3158.00 ft (KB)
Start Date: 2006.06.02 End Date: 2006.06.02
Start Time: 13:13:00 End Time: 20:26:24

Capacity: 7000.00 psig
Last Calib.: 2006.06.02
Time On Btm: 2006.06.02 @ 14:50:55
Time Off Btm: 2006.06.02 @ 17:52:55

TEST COMMENT: IF-Strong B.O.B.2 min.
ISI Strong built to 10 in 10 min
FF Strong BOB 4 min
FSI Strong BOB 5 min




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 1505.22 | 95.21 | Initial Hydro-static |
| 1 | 33.37 | 94.84 | Open To Flow (1) |
| 31 | 96.44 | 95.42 | Shut-In(1) |
| 90 | 495.17 | 95.93 | End Shut-In(1) |
| 91 | 98.97 | 95.77 | Open To Flow (2) |
| 120 | 151.29 | 95.82 | Shut-In(2) |
| 182 | 480.63 | 96.15 | End Shut-In(2) |
| 182 | 1452.87 | 96.43 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 75.00 | MWGO 15%M 30%W 25%G 30%O | 1.05 |
| 120.00 | GMO 20%G 15%M 65%O | 1.68 |
| 200.00 | CGO 10%G 90%O | 2.81 |
| | | |
| | | |
| | | |

## Gas Rates

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

TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**Miller Trust "A" # 2**

**4 16S 14W Barton KS**

Job Ticket: 25046 **DST#: 1**

Test Start: 2006.06.02 @ 13:12:55

## Tool Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Drill Pipe: | Length: | 3166.00 ft | Diameter: | 3.80 inches | Volume: | 44.41 bbl | |
| Heavy Wt. Pipe: | Length: | 0.00 ft | Diameter: | 2.70 inches | Volume: | 0.00 bbl | |
| Drill Collar: | Length: | 0.00 ft | Diameter: | 2.25 inches | Volume: | 0.00 bbl | |
| | | | | | Total Volume: | 44.41 bbl | |

| | |
|---|---|
| Drill Pipe Above KB: | 31.00 ft |
| Depth to Top Packer: | 3155.00 ft |
| Depth to Bottom Packer: | ft |
| Interval between Packers: | 39.00 ft |
| Tool Length: | 59.00 ft |
| Number of Packers: | 2 Diameter: 6.75 inches |

| | | |
|---|---|---|
| Tool Weight: | | 2200.00 lb |
| Weight set on Packer: | | 25000.00 lb |
| Weight to Pull Loose: | | 48000.00 lb |
| Tool Chased | | 0.00 ft |
| String Weight: | Initial | 44000.00 lb |
| | Final | 46000.00 lb |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|---|---|---|---|---|---|---|
| Change Over Sub | 1.00 | | | 3136.00 | | |
| Shut In Tool | 5.00 | | | 3141.00 | | |
| Hydraulic tool | 5.00 | | | 3146.00 | | |
| Packer | 4.00 | | | 3150.00 | 20.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 3155.00 | | |
| Stubb | 1.00 | | | 3156.00 | | |
| Perforations | 1.00 | | | 3157.00 | | |
| Change Over Sub | 1.00 | | | 3158.00 | | |
| Recorder | 0.00 | 8018 | Inside | 3158.00 | | |
| Blank Spacing | 30.00 | | | 3188.00 | | |
| Change Over Sub | 1.00 | | | 3189.00 | | |
| Perforations | 2.00 | | | 3191.00 | | |
| Bullnose | 3.00 | | | 3194.00 | 39.00 | Bottom Packers & Anchor |
| **Total Tool Length:** | **59.00** | | | | | |

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**Miller Trust "A" # 2**

**4 16S 14W Barton KS**

Job Ticket: 25046 **DST#: 1**

Test Start: 2006.06.02 @ 13:12:55

## Mud and Cushion Information

| | | | | | |
|---|---|---|---|---|---|
| Mud Type: | Gel Chem | Cushion Type: | | Oil API: | 40 deg API |
| Mud Weight: | 9.00 lb/gal | Cushion Length: | ft | Water Salinity: | 50000 ppm |
| Viscosity: | 45.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 9.38 in³ | Gas Cushion Type: | | | |
| Resistivity: | ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | ppm | | | | |
| Filter Cake: | inches | | | | |

## Recovery Information

Recovery Table

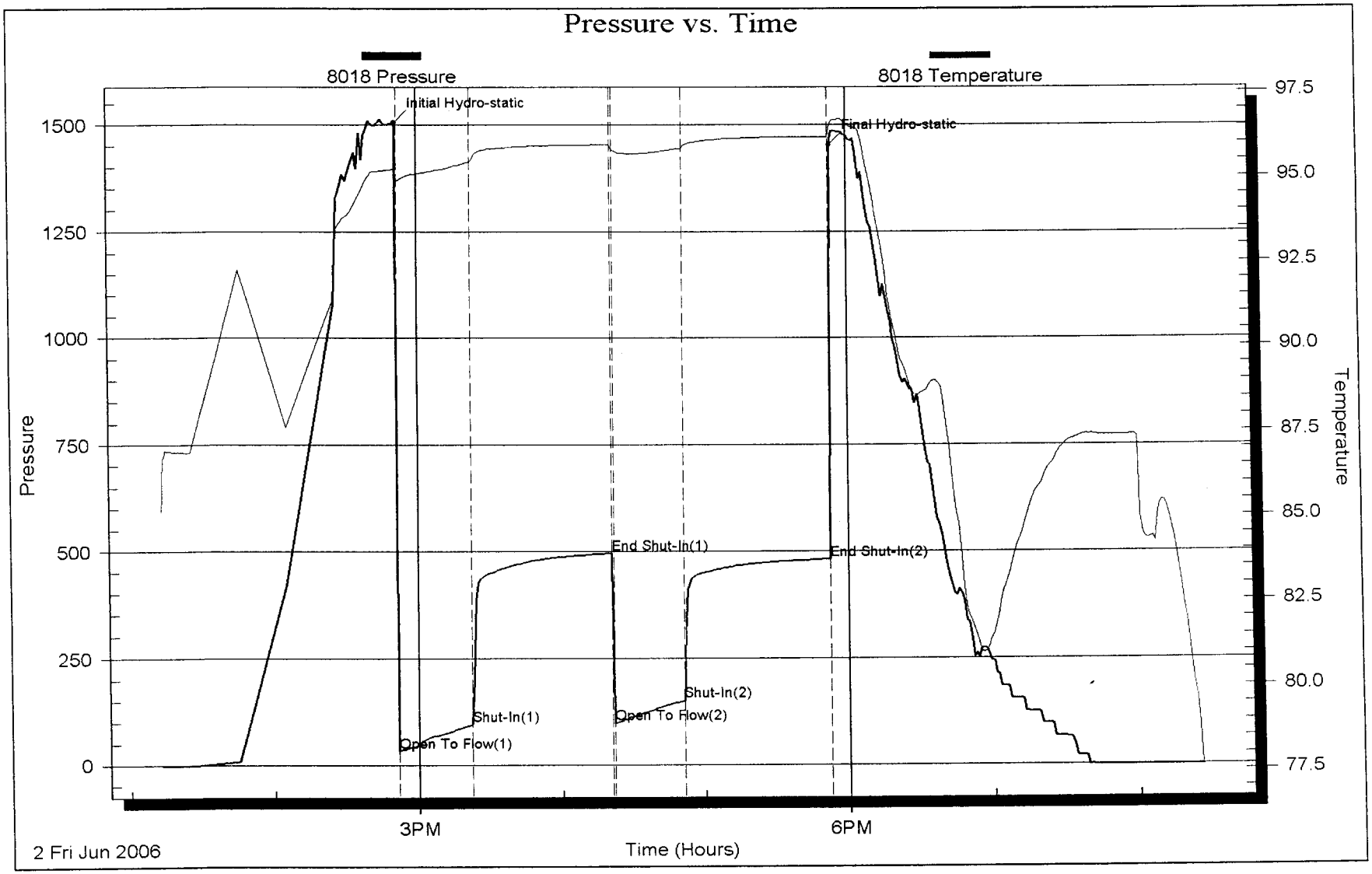
| Length ft | Description | Volume bbl |
|---|---|---|
| 75.00 | MWGO 15%M 30%W 25%G 30%O | 1.052 |
| 120.00 | GMO 20%G 15%M 65%O | 1.683 |
| 200.00 | CGO 10%G 90%O | 2.805 |

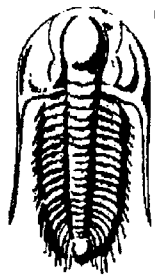
Total Length: 395.00 ft Total Volume: 5.540 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8018 Pressure
8018 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
97.5
95.0
92.5
90.0
87.5
85.0
82.5
80.0
77.5
3PM
6PM
Time (Hours)
2 Fri Jun 2006



TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**4 16S 14W Barton KS**

**Miller Trust "A" # 2**

Start Date: 2006.06.03 @ 05:51:11
End Date: 2006.06.03 @ 12:49:11
Job Ticket #: 25047 DST #: 2

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

# DRILL STEM TEST REPORT

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**Miller Trust "A" # 2**

**4 16S 14W Barton KS**

Job Ticket: 25047 **DST#: 2**

Test Start: 2006.06.03 @ 05:51:11

## GENERAL INFORMATION:

Formation: **L.Kc.-E to G**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:15:41
Time Test Ended: 12:49:11

Test Type: Conventional Bottom Hole
Tester: John Schmidt
Unit No: 31

**Interval: 3206.00 ft (KB) To 3252.00 ft (KB) (TVD)**
Total Depth: 3194.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

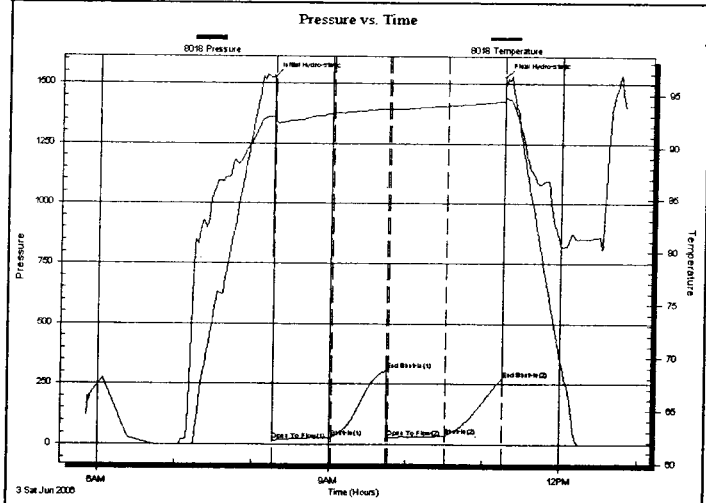
Reference Elevations: 1935.00 ft (KB)
1930.00 ft (CF)
KB to GR/CF: 5.00 ft

**Serial #: 8018** **Inside**

Press@RunDepth: 35.06 psig @ 3211.00 ft (KB)
Start Date: 2006.06.03 End Date: 2006.06.03
Start Time: 05:51:16 End Time: 12:49:10

Capacity: 7000.00 psig
Last Calib.: 2006.06.03
Time On Btm: 2006.06.03 @ 08:15:11
Time Off Btm: 2006.06.03 @ 11:15:40

TEST COMMENT: IF Weak built to 2 in
ISI Dead
FF Weak built to 2.5 in
FSI Dead




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 1526.53 | 92.86 | Initial Hydro-static |
| 1 | 14.86 | 92.49 | Open To Flow (1) |
| 47 | 29.77 | 93.20 | Shut-In(1) |
| 90 | 308.60 | 93.66 | End Shut-In(1) |
| 91 | 28.17 | 93.57 | Open To Flow (2) |
| 136 | 35.06 | 93.92 | Shut-In(2) |
| 180 | 272.72 | 94.35 | End Shut-In(2) |
| 181 | 1526.75 | 94.91 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 50.00 | GOCM 40%G 15%O 45%M | 0.70 |
| 0.00 | 10' GIP | 0.00 |
| | | |
| | | |
| | | |
| | | |

## Gas Rates

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

TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**Miller Trust "A" # 2**

**4 16S 14W Barton KS**

Job Ticket: 25047 **DST#: 2**

Test Start: 2006.06.03 @ 05:51:11

## Tool Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Drill Pipe: | Length: | 3199.00 ft | Diameter: | 3.80 inches | Volume: | 44.87 bbl | |
| Heavy Wt. Pipe: | Length: | 0.00 ft | Diameter: | 2.70 inches | Volume: | 0.00 bbl | |
| Drill Collar: | Length: | 0.00 ft | Diameter: | 2.25 inches | Volume: | 0.00 bbl | |
| | | | | | Total Volume: | 44.87 bbl | |

| | |
|---|---|
| Drill Pipe Above KB: | 13.00 ft |
| Depth to Top Packer: | 3206.00 ft |
| Depth to Bottom Packer: | ft |
| Interval betw een Packers: | 46.00 ft |
| Tool Length: | 66.00 ft |
| Number of Packers: | 2 Diameter: 6.75 inches |

| | |
|---|---|
| Tool Weight: | 2200.00 lb |
| Weight set on Packer: | 25000.00 lb |
| Weight to Pull Loose: | 50000.00 lb |
| Tool Chased | 0.00 ft |
| String Weight: Initial | 45000.00 lb |
| Final | 45000.00 lb |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|---|---|---|---|---|---|---|
| Change Over Sub | 1.00 | | | 3187.00 | | |
| Shut In Tool | 5.00 | | | 3192.00 | | |
| Hydraulic tool | 5.00 | | | 3197.00 | | |
| Packer | 4.00 | | | 3201.00 | 20.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 3206.00 | | |
| Stubb | 1.00 | | | 3207.00 | | |
| Perforations | 3.00 | | | 3210.00 | | |
| Change Over Sub | 1.00 | | | 3211.00 | | |
| Recorder | 0.00 | 8018 | Inside | 3211.00 | | |
| Blank Spacing | 30.00 | | | 3241.00 | | |
| Change Over Sub | 1.00 | | | 3242.00 | | |
| Recorder | 0.00 | 13308 | Outside | 3242.00 | | |
| Perforations | 7.00 | | | 3249.00 | | |
| Bullnose | 3.00 | | | 3252.00 | 46.00 | Bottom Packers & Anchor |
| **Total Tool Length:** | **66.00** | | | | | |

TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**Miller Trust "A" # 2**

**4 16S 14W Barton KS**

Job Ticket: 25047 **DST#: 2**

Test Start: 2006.06.03 @ 05:51:11

## 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: | 45.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 9.38 in³ | Gas Cushion Type: | | | |
| Resistivity: | ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | ppm | | | | |
| Filter Cake: | inches | | | | |

## Recovery Information

Recovery Table

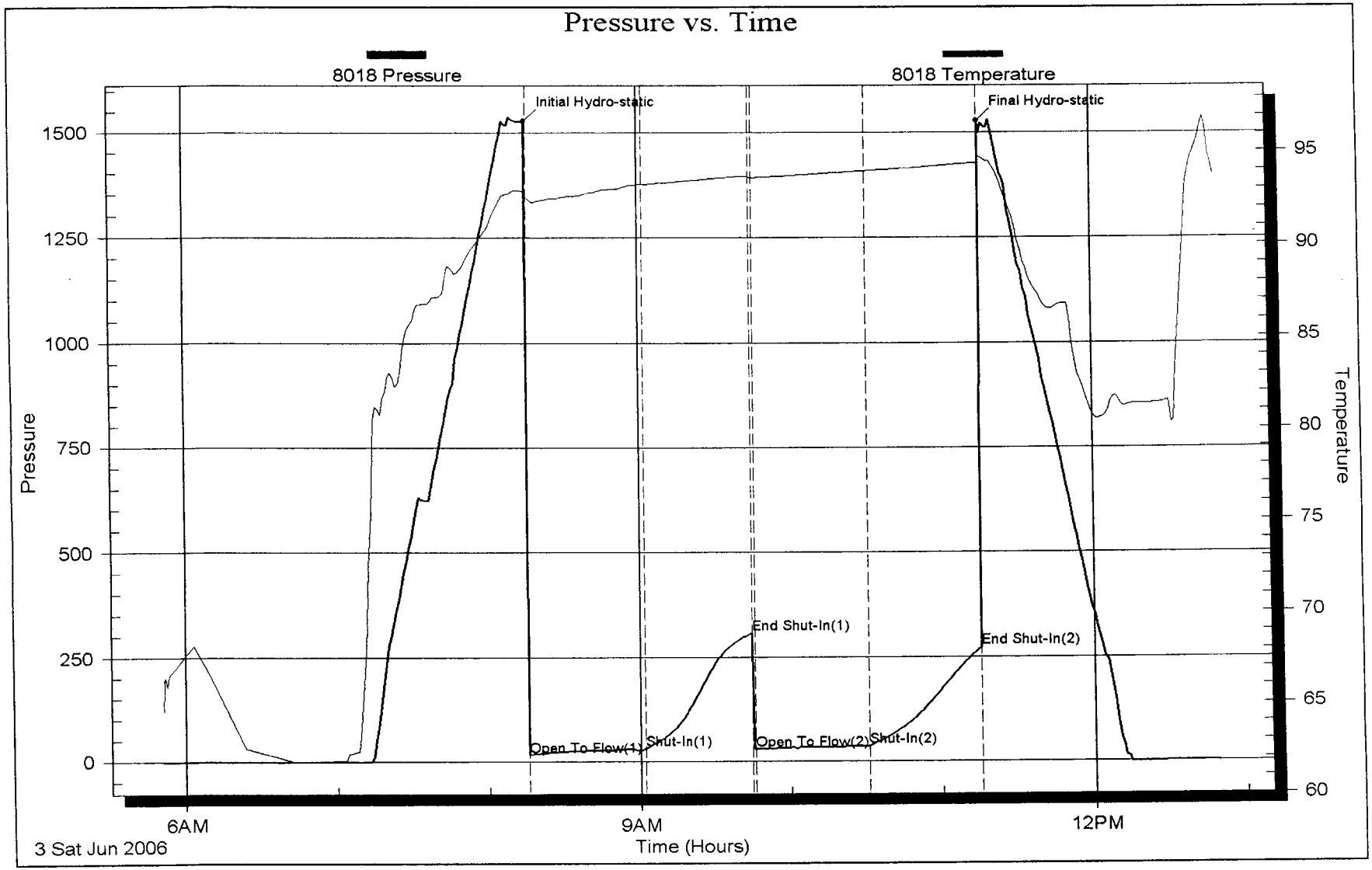
| Length ft | Description | Volume bbl |
|---|---|---|
| 50.00 | GOCM 40%G 15%O 45%M | 0.701 |
| 0.00 | 10' GIP | 0.000 |

Total Length: 50.00 ft Total Volume: 0.701 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8018 Pressure
8018 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
1500
1250
1000
750
500
250
0
Pressure
95
90
85
80
75
70
65
60
Temperature
6AM
9AM
12PM
3 Sat Jun 2006
Time (Hours)

TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**4 16S 14W Barton KS**

**Miller Trust "A" # 2**

Start Date: 2006.06.04 @ 04:14:17
End Date: 2006.06.04 @ 08:12:47
Job Ticket #: 22770 DST #: 3

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

# DRILL STEM TEST REPORT

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**Miller Trust "A" # 2**

**4 16S 14W Barton KS**

Job Ticket: 22770 **DST#: 3**

Test Start: 2006.06.04 @ 04:14:17

## GENERAL INFORMATION:

Formation: **arb**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:01:47
Time Test Ended: 08:12:47

Test Type: Conventional Bottom Hole
Tester: Michael Armbrister
Unit No: 31

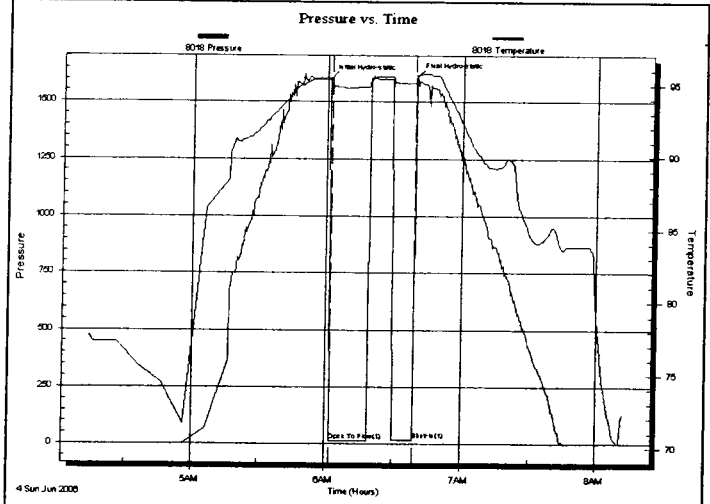
**Interval: 3366.00 ft (KB) To 3397.00 ft (KB) (TVD)**
Total Depth: 3397.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1935.00 ft (KB)
1930.00 ft (CF)
KB to GR/CF: 5.00 ft

**Serial #: 8018** **Inside**
Press@RunDepth: psig @ 3368.00 ft (KB)
Start Date: 2006.06.04 End Date: 2006.06.04
Start Time: 04:14:22 End Time: 08:12:47

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2006.06.04 @ 06:01:17
Time Off Btm: 2006.06.04 @ 06:39:47

TEST COMMENT: IF Weak surface blow died 8 m
Flushed tool Blow died 5 m




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 1600.44 | 95.38 | Initial Hydro-static |
| 1 | 13.25 | 94.46 | Open To Flow (1) |
| 38 | 16.14 | 95.12 | Shut-In(1) |
| 39 | 1612.09 | 95.60 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 5.00 | DM | 0.07 |
| | | |
| | | |
| | | |
| | | |
| | | |

## Gas Rates

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

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**Miller Trust "A" # 2**

**4 16S 14W Barton KS**

Job Ticket: 22770 **DST#: 3**

Test Start: 2006.06.04 @ 04:14:17

## Tool Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Drill Pipe: | Length: | 3353.00 ft | Diameter: | 3.80 inches | Volume: | 47.03 bbl | |
| Heavy Wt. Pipe: | Length: | 0.00 ft | Diameter: | 2.70 inches | Volume: | 0.00 bbl | |
| Drill Collar: | Length: | 0.00 ft | Diameter: | 2.25 inches | Volume: | 0.00 bbl | |
| | | | | | Total Volume: | 47.03 bbl | |

| | |
|---|---|
| Drill Pipe Above KB: | 7.00 ft |
| Depth to Top Packer: | 3366.00 ft |
| Depth to Bottom Packer: | ft |
| Interval betw een Packers: | 31.00 ft |
| Tool Length: | 51.00 ft |
| Number of Packers: | 2 |
| Diameter: | 6.75 inches |

| | |
|---|---|
| Tool Weight: | 2200.00 lb |
| Weight set on Packer: | 2000.00 lb |
| Weight to Pull Loose: | 47000.00 lb |
| Tool Chased | 0.00 ft |
| String Weight: Initial | 47000.00 lb |
| Final | 47000.00 lb |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|---|---|---|---|---|---|---|
| Change Over Sub | 1.00 | | | 3347.00 | | |
| Shut In Tool | 5.00 | | | 3352.00 | | |
| Hydraulic tool | 5.00 | | | 3357.00 | | |
| Packer | 4.00 | | | 3361.00 | 20.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 3366.00 | | |
| Stubb | 1.00 | | | 3367.00 | | |
| Perforations | 1.00 | | | 3368.00 | | |
| Recorder | 0.00 | 8018 | Inside | 3368.00 | | |
| Perforations | 26.00 | | | 3394.00 | | |
| Recorder | 0.00 | 11084 | Outside | 3394.00 | | |
| Bullnose | 3.00 | | | 3397.00 | 31.00 | Bottom Packers & Anchor |
| **Total Tool Length:** | **51.00** | | | | | |

TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Alan Bangert

**Miller Trust "A" # 2**

**4 16S 14W Barton KS**

Job Ticket: 22770 **DST#: 3**

Test Start: 2006.06.04 @ 04:14:17

## 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: | 45.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 9.38 in³ | Gas Cushion Type: | | | |
| Resistivity: | ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | ppm | | | | |
| Filter Cake: | inches | | | | |

## Recovery Information

Recovery Table

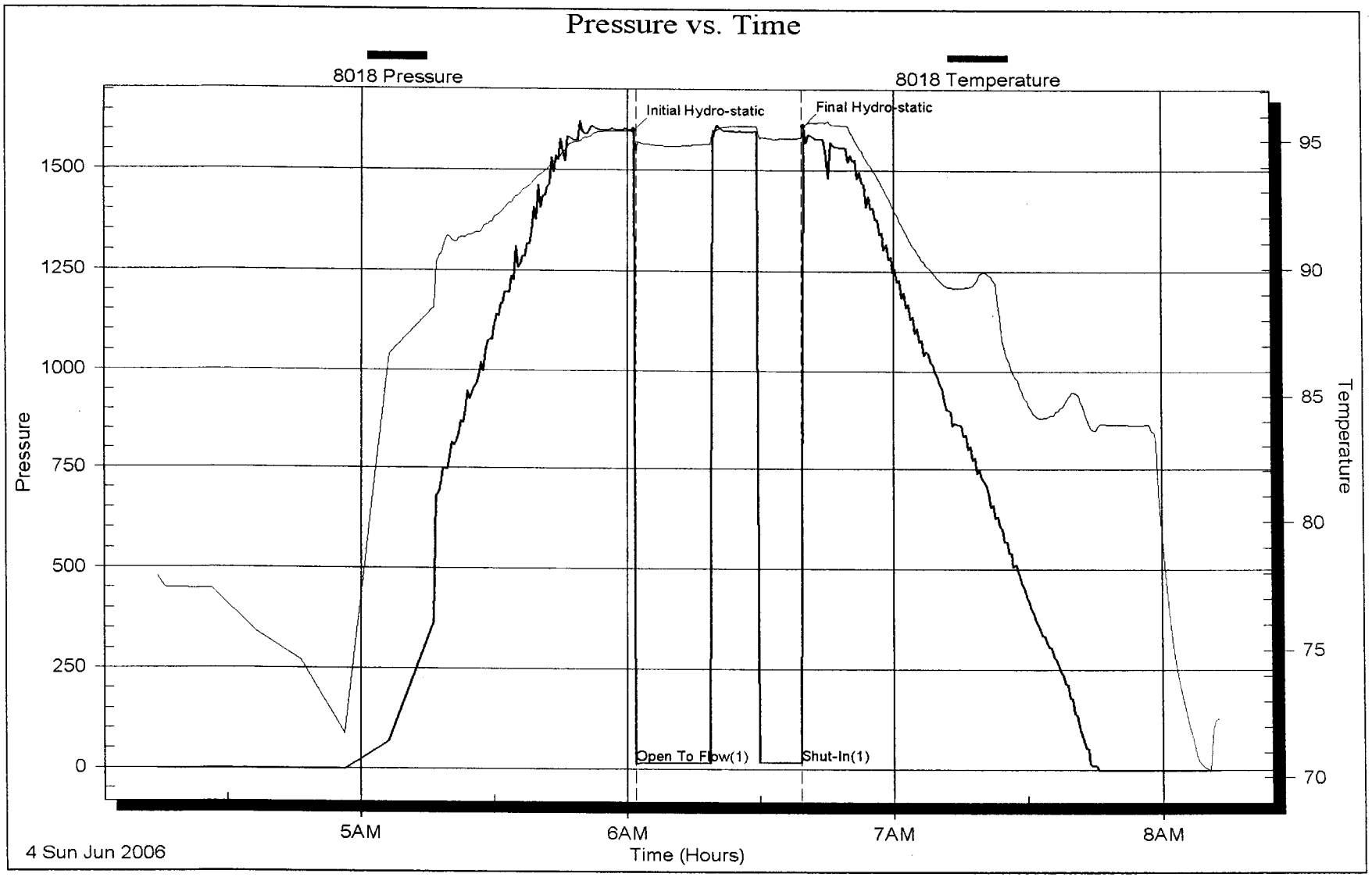
| Length ft | Description | Volume bbl |
|---|---|---|
| 5.00 | DM | 0.070 |

Total Length: 5.00 ft Total Volume: 0.070 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8018 Pressure
8018 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
Pressure
Temperature
1500
1250
1000
750
500
250
0
95
90
85
80
75
70
5AM
6AM
7AM
8AM
4 Sun Jun 2006
Time (Hours)

TRILOBITE TESTING INC.
P.O. Box 362 • Hays, Kansas 67601

10/05

8849

25046

# Test Ticket

Well Name & No. MILLER TRUST "A" #2 Test No. #1 Date 6-2-06

Company MAI OIL OPERATIONS, INC. Zone Tested L, Kc, B+C

Address P.O. BOX 33 RUSSELL, KS. 67665 Elevation 1935 KB 1930 GL

Co. Rep / Geo. KITT NOAH Rig MURFIN #16

Location: Sec. 4 Twp. 16S Rge. 14W Co. BARTON State KS

Comment: Release date / time:

Interval Tested 3155 To 3194 Initial Str Wt./Lbs. 44,000 Unseated Str Wt/Lbs. 41,000

Anchor Length 39' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 48,000

Top Packer Depth 3150 Tool Weight 2,200

Bottom Packer Depth 3155 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3194 Wt. Pipe Run 0 Drill Collar Run 0

Mud Wt. 9.1 LCM 4# Vis. 45 WL 9.4 Drill Pipe Size 4½ XH Ft. Run 3166

Blow Description IF- STRONG B.O.B. 2-min. ISI- STRONG BUILT TO 10" IN 10-min.
FF- STRONG B.O.B. 4-min. FSI- BO.B. 5-min.

GAS TO SURF, 5-min. IN F.S.I. WILL BURN.

Recovery - Total Feet 395 GIP GTS, Ft. in DC 0 Ft. in DP 3951

| | | | | | | |
|---|---|---|---|---|---|---|
| Rec. 75 | Feet of MWGO | 25 %gas | 30 %oil | 30 %water | 15 %mud |
| Rec. 120 | Feet of GMO | 20 %gas | 65 %oil | %water | 15 %mud |
| Rec. 200 | Feet of C.G.O. | 10 %gas | 90 %oil | %water | %mud |
| Rec. | Feet of | %gas | %oil | %water | %mud |
| Rec. | Feet of | %gas | %oil | %water | %mud |

BHT °F Gravity 42 °API D @ 80 °F Corrected Gravity 40 °API

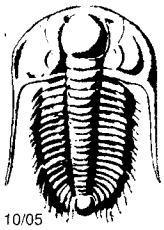
RW .15 @ 70 °F Chlorides 59000 ppm Recovery — Chlorides ~~59000~~ 4,000 ppm System

| | AK-1 | Alpine | | | | | |
|---|---|---|---|---|---|---|---|
| (A) Initial Hydrostatic Mud | | 1505 PSI | Recorder No. | 8018 | Test | B. HOLE 100- |
| (B) First Initial Flow Pressure | | 33 PSI | (depth) | 3158 | Jars | |
| (C) First Final Flow Pressure | | 96 PSI | Recorder No. | | Safety Jt. | |
| (D) Initial Shut-In Pressure | | 495 PSI | (depth) | | Circ Sub | |
| (E) Second Initial Flow Pressure | | 98 PSI | Recorder No. | | Sampler | |
| (F) Second Final Flow Pressure | | 151 PSI | (depth) | | Straddle | |
| (G) Final Shut-In Pressure | | 480 PSI | **Initial Opening** | 30 | Ext. Packer | |
| (Q) Final Hydrostatic Mud | | 1452 PSI | Initial Shut-In | 60 | Shale Packer | |
| | | | Final Flow | 30 | Ruined Packer | |
| | | | Final Shut-In | 60 | Mileage R,T- 75 | 93.75 |
| | | | **T-On Location** | 12:15 | Sub Total: | 1093.75 |
| | | | T-Started | 13:12 | Std. By | |
| | | | T-Open | 14:51 | Acc. Chg: | |
| | | | T-Pulled | 17:52 | Other: | |
| | | | T-Out | 20:26 | Total: | |



Approved By Kitt Noah

Our Representative John J. Schmidt



10/05

# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25047

## Test Ticket

Well Name & No. MILLER TRUST "A" #2 Test No. #2 Date 6-03-06

Company MAI OIL OPERATIONS, INC Zone Tested L, KC - E to G

Address _____ Elevation 1935 KB 1930 GL

Co. Rep / Geo. KITT NOAH Rig MURFIN #16

Location: Sec. 4 Twp. 16 S Rge. 14 W Co. BARTON State KS.

Comment: _____ Release date / time: _____

Interval Tested 3206 To 3252 Initial Str Wt./Lbs. 45,000 Unseated Str Wt/Lbs. 45,000

Anchor Length 46' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 50,000

Top Packer Depth 3201 Tool Weight 2,200

Bottom Packer Depth 3206 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3252 Wt. Pipe Run 0 Drill Collar Run 0

Mud Wt. 9.1 LCM 1/2# Vis. 45 WL 9.4 Drill Pipe Size 4 1/2 XH Ft. Run 3199

Blow Description IF- WEAK BUILT TO 2" IN. ISI- DEAD

FF- WEAK BUILT TO 2 1/2" IN. FSI- DEAD

Recovery - Total Feet 50 GIP 10' Ft. in DC 0 Ft. in DP 50'

Rec. 50 Feet of GOCM 40 %gas 15 %oil %water 45 %mud

Rec. _____ Feet of _____ %gas %oil %water %mud

Rec. _____ Feet of _____ %gas %oil %water %mud

Rec. _____ Feet of _____ %gas %oil %water %mud

Rec. _____ Feet of _____ %gas %oil %water %mud

BHT 94 °F Gravity — °API D @ — °F Corrected Gravity — °API

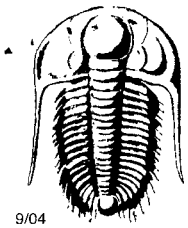
RW — @ — °F Chlorides — ppm Recovery — Chlorides 4,000 ppm System

| | AK-1 | Alpine | | | | |
|---|---|---|---|---|---|---|
| (A) Initial Hydrostatic Mud | | 1526 PSI | Recorder No. | 8018 | Test | B, HOLE 100% |
| (B) First Initial Flow Pressure | | 14 PSI | (depth) | 3211 | Jars | |
| (C) First Final Flow Pressure | | 29 PSI | Recorder No. | 13308 | Safety Jt. | |
| (D) Initial Shut-In Pressure | | 308 PSI | (depth) | 3242 | Circ Sub | |
| (E) Second Initial Flow Pressure | | 28 PSI | Recorder No. | | Sampler | |
| (F) Second Final Flow Pressure | | 35 PSI | (depth) | | Straddle | |
| (G) Final Shut-In Pressure | | 272 PSI | **Initial Opening** | 45 | Ext. Packer | |
| (Q) Final Hydrostatic Mud | | 1497 PSI | Initial Shut-In | 45 | Shale Packer | |
| | | | Final Flow | 45 | Ruined Packer | |
| | | | Final Shut-In | 45 | Mileage | RT-27 33.75 |
| | | | **T-On Location** | 05:30 | Sub Total: | 1033.75 |
| | | | T-Started | 05:51 | Std. By | |
| | | | T-Open | 08:15 | Acc. Chg: | |
| | | | T-Pulled | 11:16 | Other: | |
| | | | T-Out | 12:49 | Total: | |



Approved By _____

Our Representative John J. Schmidt



9/04

# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

№ 22770

## Test Ticket

Well Name & No. Miller Trust A #2 Test No. 3 Date 6-04-06

Company Mai Oil Zone Tested Arb

Address _____ Elevation _____ KB _____ GL _____

Co. Rep / Geo. Kitt Noah Cont. Murfin 16 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 4 Twp. 16s Rge. 14w Co. Barton State KS

No. of Copies _____ Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3364 - 3397 Initial Str Wt./Lbs. 47,000 Unseated Str Wt/Lbs. 47,000

Anchor Length 31 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 47,000

Top Packer Depth 3341 Tool Weight 2000

Bottom Packer Depth 3397 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3397 Wt. Pipe Run — Drill Collar Run 0

Mud Wt. 9.1 LCM — Vis. 45 WL 9.38 Drill Pipe Size 4½ Ft. Run 3353

Blow Description IF - Weak surface Blow died 8m flushed Tool Weak Blow 5m died

Recovery - Total Feet 5 GIP _____ Ft. in DC _____ Ft. in DP _____

| | | | | | | |
|---|---|---|---|---|---|---|
| Rec. 5 | Feet of Drilling Mud | %gas | %oil | %water | %mud |
| Rec. _____ | Feet of _____ | %gas | %oil | %water | %mud |
| Rec. _____ | Feet of _____ | %gas | %oil | %water | %mud |
| Rec. _____ | Feet of _____ | %gas | %oil | %water | %mud |
| Rec. _____ | Feet of _____ | %gas | %oil | %water | %mud |

BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

| | AK-1 | Alpine | | | | | |
|---|---|---|---|---|---|---|---|
| (A) Initital Hydrostatic Mud | | 1601 | PSI | Recorder No. | 8018 | Test | Ran 1000 |
| (B) First Initial Flow Pressure | | 13 | PSI | (depth) | 3378 | Jars | |
| (C) First Final Flow Pressure | | 16 | PSI | Recorder No. | 13308 | Safety Jt. | |
| (D) Initial Shut-In Pressure | | | PSI | (depth) | 3396 | Circ Sub | |
| (E) Second Initial Flow Pressure | | | PSI | Recorder No. | | Sampler | |
| (F) Second Final Flow Pressure | | | PSI | (depth) | | Straddle | |
| (G) Final Shut-In Pressure | | | PSI | **Initial Opening** | 20 m | Ext. Packer | |
| (Q) Final Hydrostatic Mud | | 1590 | PSI | Initial Shut-In | — | Shale Packer | |
| | | | | Final Flow | — | Ruined Packer | |
| | | | | Final Shut-In | — | Mileage | 38 x 5 93.75 |
| | | | | **T-On Location** | 3:45 | Sub Total: | 1093.75 |
| | | | | T-Started | 4:13 | Std. By | |
| | | | | T-Open | 6:00 | Other | |
| | | | | T-Pulled | 6:35 | Total: | |
| | | | | T-Out | 8:00 | | |



Approved By Kitt Noah

Our Representative Michael Armbruster