TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

Prepared For: **Coral Production,Corporation.**

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**36-21S-14W**

**McGinty #2**

Start Date: 2004.08.16 @ 12:03:35
End Date: 2004.08.16 @ 19:09:50
Job Ticket #: 19714 DST #: 1

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

# DRILL STEM TEST REPORT

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19714 **DST#: 1**

Test Start: 2004.08.16 @ 12:03:35

## GENERAL INFORMATION:

Formation: **Lansing {H-I}**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:43:05
Time Test Ended: 19:09:50

Test Type: Conventional Bottom Hole
Tester: Darren L.Amerine
Unit No: 30

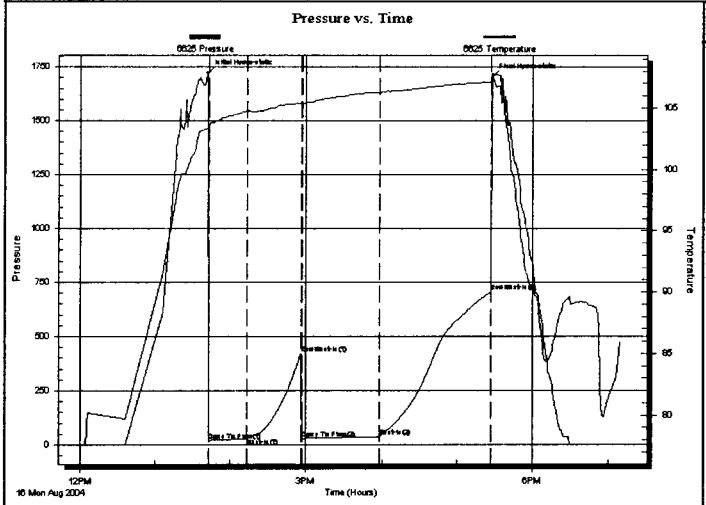
**Interval: 3520.00 ft (KB) To 3560.00 ft (KB) (TVD)**
Total Depth: 3560.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1930.00 ft (KB)
1922.00 ft (CF)
KB to GR/CF: 8.00 ft

**Serial #: 6625** **Inside**
Press@RunDepth: 36.71 psig @ 3521.00 ft (KB)
Start Date: 2004.08.16 End Date: 2004.08.16
Start Time: 12:03:38 End Time: 19:09:50

Capacity: 7000.00 psig
Last Calib.: 2004.08.16
Time On Btm: 2004.08.16 @ 13:41:50
Time Off Btm: 2004.08.16 @ 17:27:50

TEST COMMENT: IF:Weak surface blow built to 6"in H2O bucket.
ISI:Bled dow n for 3 mins.built back to 2"slow ly died.
FF:Strong blow b.o.b in 2 mins.
FSI:Bled dow n for 3 mins.no blow back.




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 1720.15 | 103.36 | Initial Hydro-static |
| 2 | 16.97 | 103.36 | Open To Flow (1) |
| 32 | 29.37 | 104.74 | Shut-In(1) |
| 75 | 417.62 | 105.41 | End Shut-In(1) |
| 76 | 25.09 | 105.32 | Open To Flow (2) |
| 137 | 36.71 | 106.27 | Shut-In(2) |
| 225 | 703.70 | 107.11 | End Shut-In(2) |
| 226 | 1701.24 | 107.83 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 0.00 | 620'of gip | 0.00 |
| 80.00 | G&MCO 10%gas 10%mud 80%oil | 0.84 |
| | | |
| | | |
| | | |
| | | |

## Gas Rates

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

TRILOBITE TESTING, INC

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19714 **DST#: 1**

Test Start: 2004.08.16 @ 12:03:35

## Tool Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Drill Pipe: | Length: | 3473.03 ft | Diameter: | 3.80 inches | Volume: | 48.72 bbl | |
| Heavy Wt. Pipe: | Length: | 0.00 ft | Diameter: | 0.00 inches | Volume: | 0.00 bbl | |
| Drill Collar: | Length: | 30.97 ft | Diameter: | 2.25 inches | Volume: | 0.15 bbl | |
| | | | | | Total Volume: | 48.87 bbl | |

| | |
|---|---|
| Drill Pipe Above KB: | 10.00 ft |
| Depth to Top Packer: | 3520.00 ft |
| Depth to Bottom Packer: | ft |
| Interval betw een Packers: | 40.00 ft |
| Tool Length: | 66.00 ft |
| Number of Packers: | 2 Diameter: 6.75 inches |

| | |
|---|---|
| Tool Weight: | 2100.00 lb |
| Weight set on Packer: | 20000.00 lb |
| Weight to Pull Loose: | 55000.00 lb |
| Tool Chased | 0.00 ft |
| String Weight: Initial | 42000.00 lb |
| Final | 42000.00 lb |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|---|---|---|---|---|---|---|
| Change Over Sub | 1.00 | | | 3495.00 | | |
| Shut In Tool | 5.00 | | | 3500.00 | | |
| Hydraulic tool | 5.00 | | | 3505.00 | | |
| Jars | 5.00 | | | 3510.00 | | |
| Packer | 5.00 | | | 3515.00 | 26.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 3520.00 | | |
| Stubb | 1.00 | | | 3521.00 | | |
| Recorder | 0.00 | 6625 | Inside | 3521.00 | | |
| Anchor | 36.00 | | | 3557.00 | | |
| Recorder | 0.00 | 10991 | Outside | 3557.00 | | |
| Bullnose | 3.00 | | | 3560.00 | 40.00 | Bottom Packers & Anchor |
| **Total Tool Length:** | **66.00** | | | | | |

TRILOBITE TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19714 **DST#: 1**

Test Start: 2004.08.16 @ 12:03:35

## 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: | 51.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 8.17 in³ | Gas Cushion Type: | | | |
| Resistivity: | 2.20 ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 4000.00 ppm | | | | |
| Filter Cake: | 0.32 inches | | | | |

## Recovery Information

Recovery Table

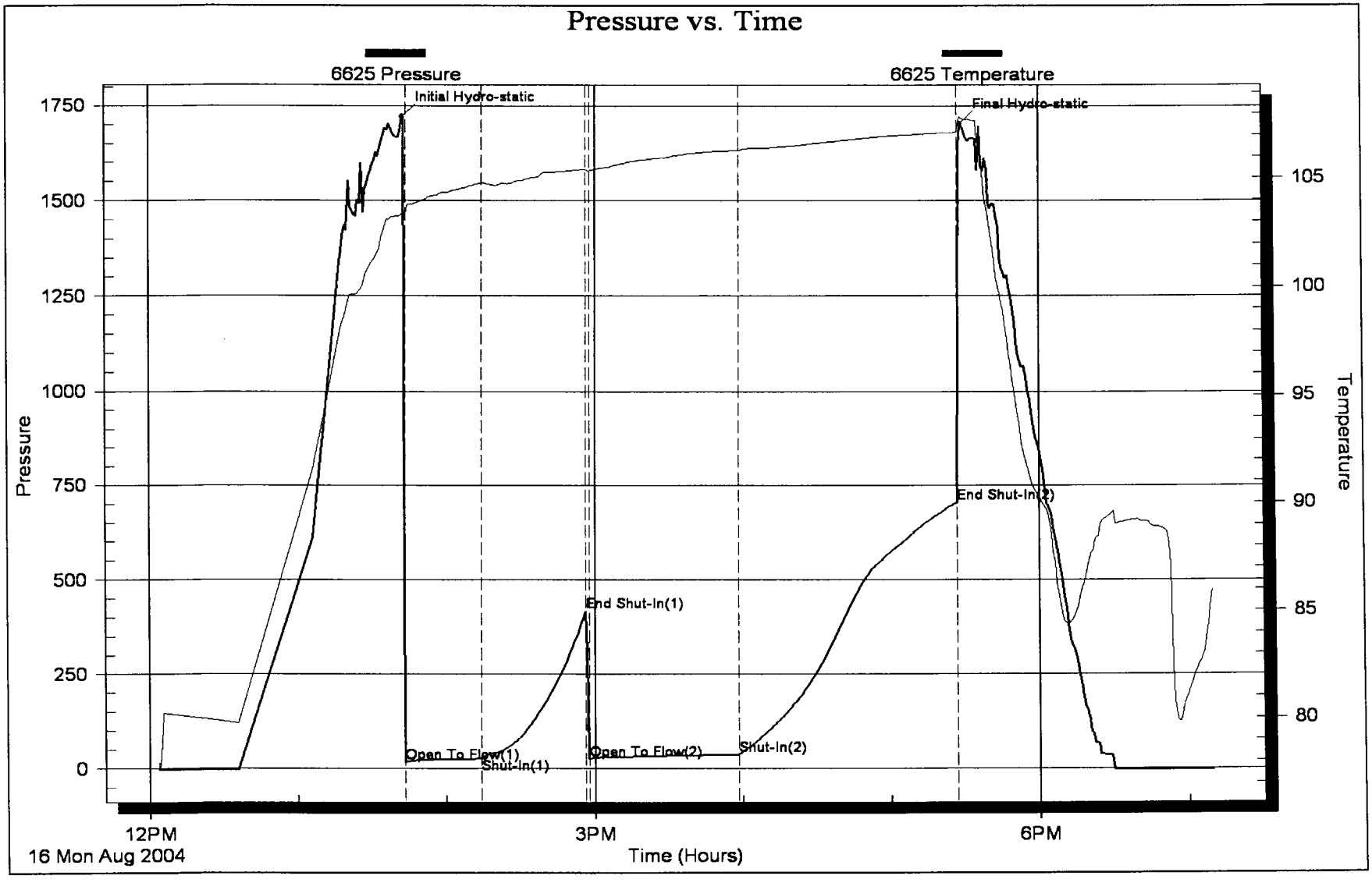
| Length ft | Description | Volume bbl |
|---|---|---|
| 0.00 | 620'of gip | 0.000 |
| 80.00 | G&MCO 10%gas 10%mud 80%oil | 0.840 |

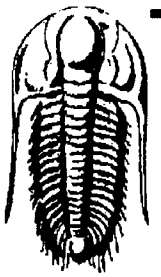
Total Length: 80.00 ft Total Volume: 0.840 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6625 Pressure
6625 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)
1750
1500
1250
1000
750
500
250
0
Pressure
105
100
95
90
85
80
Temperature
12PM
16 Mon Aug 2004
3PM
6PM
Time (Hours)



TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

Prepared For: **Coral Production,Corporation.**

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**36-21S-14W**

**McGinty #2**

Start Date: 2004.08.17 @ 03:39:33
End Date: 2004.08.17 @ 11:18:33
Job Ticket #: 19715 DST #: 2

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

# DRILL STEM TEST REPORT

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19715 **DST#: 2**

Test Start: 2004.08.17 @ 03:39:33

## GENERAL INFORMATION:

Formation:
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:03:33
Time Test Ended: 11:18:33

Test Type: Conventional Bottom Hole
Tester: Darren L.Amerine
Unit No: 30

**Interval: 3562.00 ft (KB) To 3625.00 ft (KB) (TVD)**
Total Depth: 3625.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

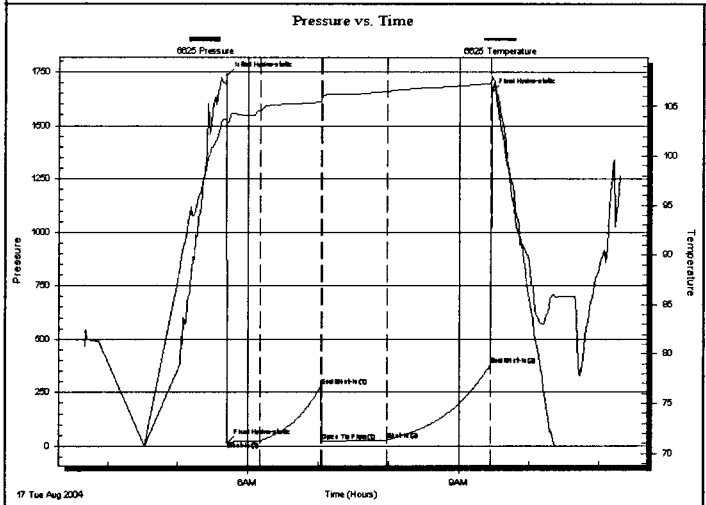
Reference Elevations: 1930.00 ft (KB)
1922.00 ft (CF)
KB to GR/CF: 8.00 ft

**Serial #: 6625** **Inside**

Press@RunDepth: 26.56 psig @ 3563.00 ft (KB)
Start Date: 2004.08.17 End Date: 2004.08.17
Start Time: 03:39:36 End Time: 11:18:33

Capacity: 7000.00 psig
Last Calib.: 2004.08.17
Time On Btm: 2004.08.17 @ 05:42:03
Time Off Btm: 2004.08.17 @ 05:42:48

TEST COMMENT: IF:Weak surface blow built to 2"in H2O bucket.
ISI:Bled down for 3 mins.no blow back.
FF:Weak blow built to 3"in H2O bucket.
FSI:Bled down for 3 mins.no blow back.




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 1733.07 | 103.69 | Initial Hydro-static |
| 1 | 14.19 | 103.31 | Final Hydro-static |
| 29 | 22.32 | 104.65 | Shut-In(1) |
| 81 | 280.40 | 105.45 | End Shut-In(1) |
| 82 | 19.85 | 106.04 | Open To Flow (1) |
| 136 | 26.56 | 106.50 | Shut-In(2) |
| 225 | 377.13 | 107.33 | End Shut-In(2) |
| 226 | 1656.99 | 107.95 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 0.00 | 80'of gip | 0.00 |
| 40.00 | HG&OCM 20%gas 30%oil 50%mud | 0.28 |
| | | |
| | | |
| | | |
| | | |

## Gas Rates

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

TRILOBITE TESTING, INC

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19715 **DST#: 2**

Test Start: 2004.08.17 @ 03:39:33

## Tool Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Drill Pipe: | Length: | 3507.03 ft | Diameter: | 3.80 inches | Volume: | 49.19 bbl | |
| Heavy Wt. Pipe: | Length: | 0.00 ft | Diameter: | 0.00 inches | Volume: | 0.00 bbl | |
| Drill Collar: | Length: | 30.97 ft | Diameter: | 2.25 inches | Volume: | 0.15 bbl | |
| | | | | | Total Volume: | 49.34 bbl | |

| | |
|---|---|
| Drill Pipe Above KB: | 2.00 ft |
| Depth to Top Packer: | 3562.00 ft |
| Depth to Bottom Packer: | ft |
| Interval betw een Packers: | 63.00 ft |
| Tool Length: | 89.00 ft |
| Number of Packers: | 2 Diameter: 6.75 inches |

| | |
|---|---|
| Tool Weight: | 2100.00 lb |
| Weight set on Packer: | 20000.00 lb |
| Weight to Pull Loose: | 60000.00 lb |
| Tool Chased | 0.00 ft |
| String Weight: Initial | 43000.00 lb |
| Final | 43000.00 lb |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|---|---|---|---|---|---|---|
| Change Over Sub | 1.00 | | | 3537.00 | | |
| Shut In Tool | 5.00 | | | 3542.00 | | |
| Hydraulic tool | 5.00 | | | 3547.00 | | |
| Jars | 5.00 | | | 3552.00 | | |
| Packer | 5.00 | | | 3557.00 | 26.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 3562.00 | | |
| Stubb | 1.00 | | | 3563.00 | | |
| Recorder | 0.00 | 6625 | Inside | 3563.00 | | |
| Anchor | 27.00 | | | 3590.00 | | |
| Recorder | 0.00 | 10991 | Outside | 3590.00 | | |
| Blank Spacing | 31.00 | | | 3621.00 | | |
| Bullnose | 4.00 | | | 3625.00 | 63.00 | Bottom Packers & Anchor |
| **Total Tool Length:** | **89.00** | | | | | |

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19715 **DST#: 2**

Test Start: 2004.08.17 @ 03:39:33

## 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: | 52.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 8.78 in³ | Gas Cushion Type: | | | |
| Resistivity: | 2.20 ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 4000.00 ppm | | | | |
| Filter Cake: | 0.32 inches | | | | |

## Recovery Information

Recovery Table

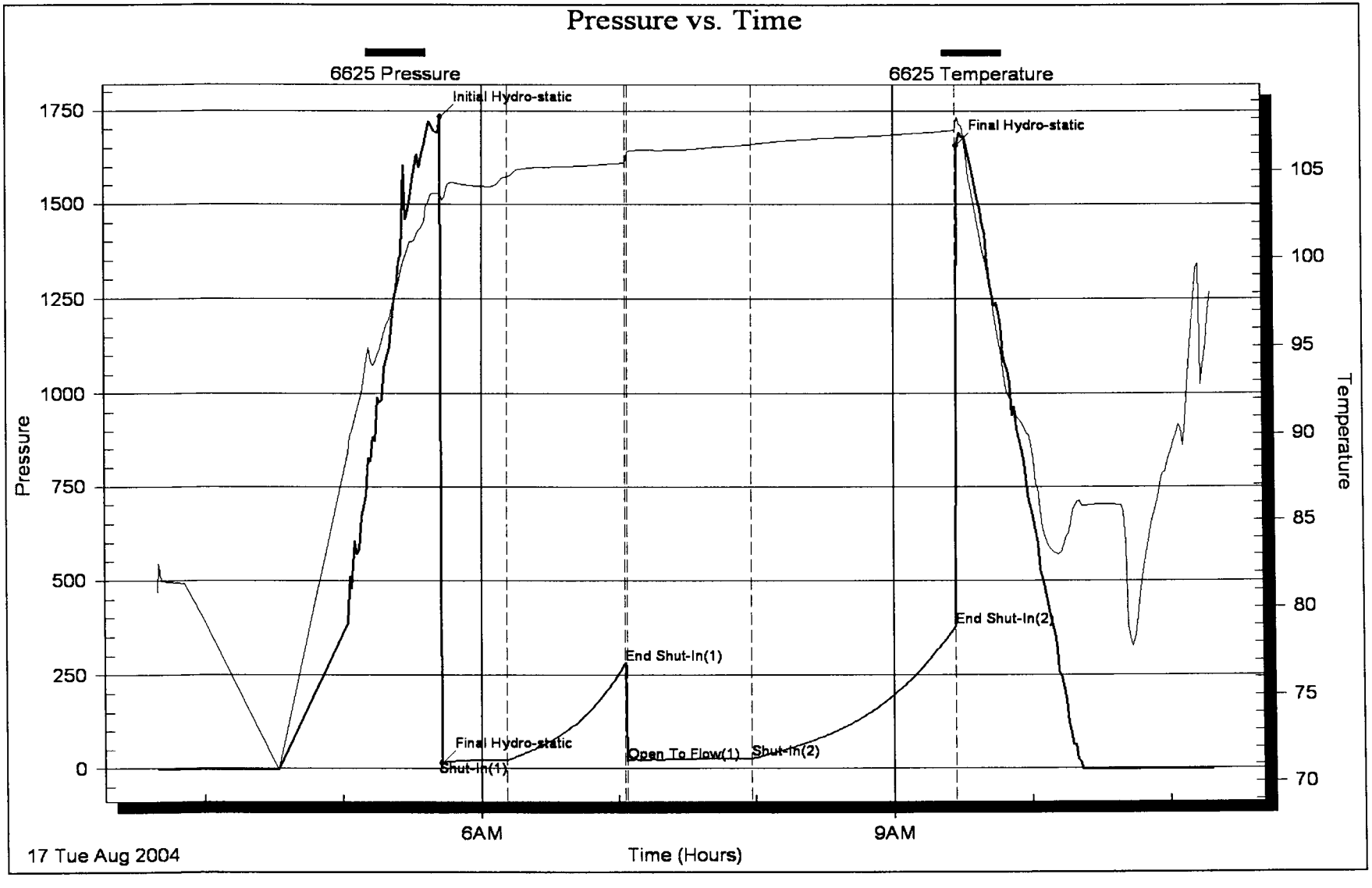
| Length ft | Description | Volume bbl |
|---|---|---|
| 0.00 | 80'of gip | 0.000 |
| 40.00 | HG&OCM 20%gas 30%oil 50%mud | 0.279 |

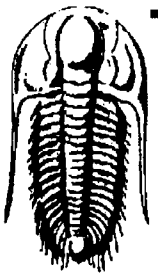
Total Length: 40.00 ft Total Volume: 0.279 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6625 Pressure
6625 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Final Hydro-static
Shut-In(1)
Open To Flow(1)
Shut-In(2)
1750
1500
1250
1000
750
500
250
0
Pressure
105
100
95
90
85
80
75
70
Temperature
6AM
9AM
17 Tue Aug 2004
Time (Hours)



TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

Prepared For: **Coral Production,Corporation.**

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**36-21S-14W**

**McGinty #2**

Start Date: 2004.08.17 @ 20:23:42
End Date: 2004.08.18 @ 02:18:27
Job Ticket #: 19716 DST #: 3

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

# DRILL STEM TEST REPORT

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19716 **DST#: 3**

Test Start: 2004.08.17 @ 20:23:42

## GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:00:27
Time Test Ended: 02:18:27

Test Type: Conventional Bottom Hole
Tester: Darren L.Amerine
Unit No: 19

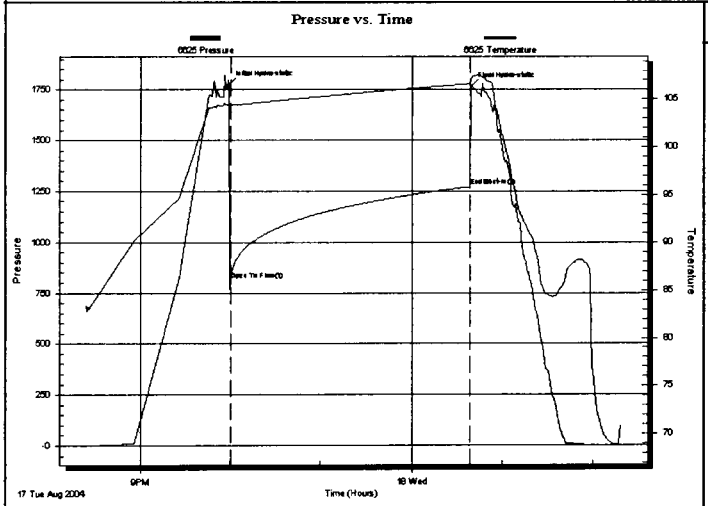
**Interval: 3626.00 ft (KB) To 3716.00 ft (KB) (TVD)**
Total Depth: 3716.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1930.00 ft (KB)
1922.00 ft (CF)
KB to GR/CF: 8.00 ft

**Serial #: 6625** **Inside**
Press@RunDepth: 1271.01 psig @ 3627.00 ft (KB)
Start Date: 2004.08.17 End Date: 2004.08.18
Start Time: 20:23:45 End Time: 02:18:27

Capacity: 7000.00 psig
Last Calib.: 2004.08.18
Time On Btm: 2004.08.17 @ 21:59:27
Time Off Btm: 2004.08.18 @ 00:39:12

TEST COMMENT: IF:Weak surface blow died in 5 mins.
ISI:No blow back.
FF:No blow
FSI:no blow back.




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 1776.86 | 104.47 | Initial Hydro-static |
| 1 | 812.05 | 104.34 | Open To Flow (1) |
| 159 | 1271.01 | 106.63 | End Shut-In(1) |
| 160 | 1763.93 | 106.99 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 5.00 | SOCM 4%oil 96%mud | 0.02 |
| | | |
| | | |
| | | |
| | | |
| | | |

## Gas Rates

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

TRILOBITE TESTING, INC

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19716 **DST#: 3**

Test Start: 2004.08.17 @ 20:23:42

## Tool Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Drill Pipe: | Length: | 3594.03 ft | Diameter: | 3.80 inches | Volume: | 50.41 bbl | |
| Heavy Wt. Pipe: | Length: | 0.00 ft | Diameter: | 0.00 inches | Volume: | 0.00 bbl | |
| Drill Collar: | Length: | 30.97 ft | Diameter: | 2.25 inches | Volume: | 0.15 bbl | |
| | | | | | Total Volume: | 50.56 bbl | |

| | |
|---|---|
| Drill Pipe Above KB: | 25.00 ft |
| Depth to Top Packer: | 3626.00 ft |
| Depth to Bottom Packer: | ft |
| Interval between Packers: | 90.00 ft |
| Tool Length: | 116.00 ft |
| Number of Packers: | 2 Diameter: 6.75 inches |

| | |
|---|---|
| Tool Weight: | 2100.00 lb |
| Weight set on Packer: | 20000.00 lb |
| Weight to Pull Loose: | 65000.00 lb |
| Tool Chased | 0.00 ft |
| String Weight: Initial | 44000.00 lb |
| Final | 44000.00 lb |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|---|---|---|---|---|---|---|
| Change Over Sub | 1.00 | | | 3601.00 | | |
| Shut In Tool | 5.00 | | | 3606.00 | | |
| Hydraulic tool | 5.00 | | | 3611.00 | | |
| Jars | 5.00 | | | 3616.00 | | |
| Packer | 5.00 | | | 3621.00 | 26.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 3626.00 | | |
| Stubb | 1.00 | | | 3627.00 | | |
| Recorder | 0.00 | 6625 | Inside | 3627.00 | | |
| Anchor | 24.00 | | | 3651.00 | | |
| Recorder | 0.00 | 10991 | Outside | 3651.00 | | |
| Blank Spacing | 62.00 | | | 3713.00 | | |
| Bullnose | 3.00 | | | 3716.00 | 90.00 | Bottom Packers & Anchor |
| **Total Tool Length:** | **116.00** | | | | | |

TRILOBITE TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19716 **DST#: 3**

Test Start: 2004.08.17 @ 20:23:42

## 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: | 53.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 7.18 in³ | Gas Cushion Type: | | | |
| Resistivity: | 2.20 ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 4500.00 ppm | | | | |
| Filter Cake: | 0.32 inches | | | | |

## Recovery Information

Recovery Table

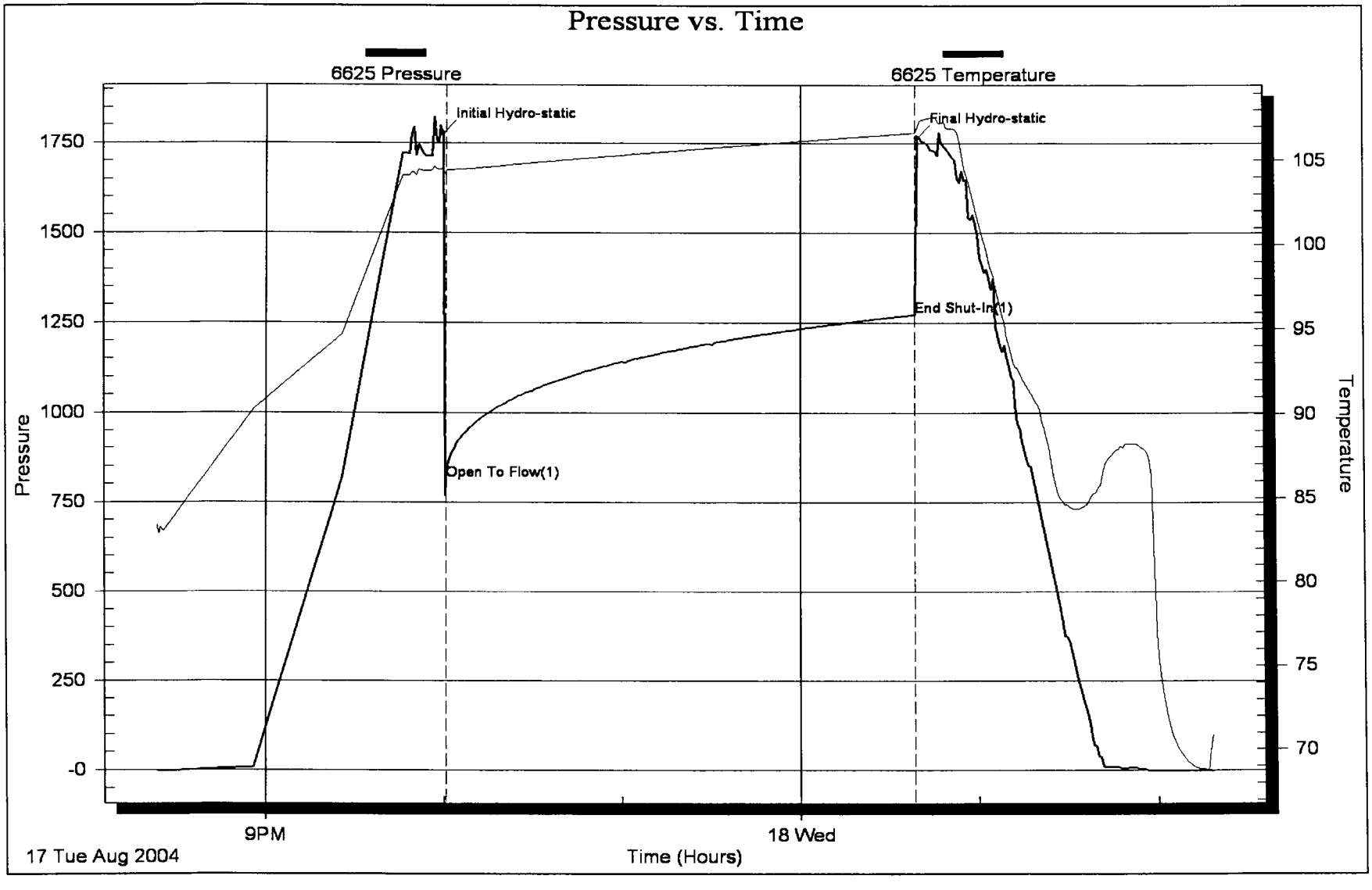
| Length ft | Description | Volume bbl |
|---|---|---|
| 5.00 | SOCM 4%oil 96%mud | 0.025 |

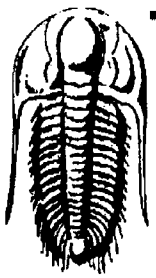
Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6625 Pressure
6625 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Open To Flow(1)
1750
1500
1250
1000
750
500
250
-0
Pressure
105
100
95
90
85
80
75
70
Temperature
9PM
18 Wed
17 Tue Aug 2004
Time (Hours)



TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

Prepared For: **Coral Production,Corporation.**

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**36-21S-14W**

**McGinty #2**

Start Date: 2004.08.18 @ 13:03:46
End Date: 2004.08.18 @ 19:19:16
Job Ticket #: 19717 DST #: 4

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

# DRILL STEM TEST REPORT

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19717 **DST#: 4**

Test Start: 2004.08.18 @ 13:03:46

## GENERAL INFORMATION:

Formation: **Viola/Arbuckel**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:25:31
Time Test Ended: 19:19:16

Test Type: Conventional Bottom Hole
Tester: Darren L.Amerine
Unit No: 19

**Interval: 3672.00 ft (KB) To 3773.00 ft (KB) (TVD)**
Total Depth: 3773.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

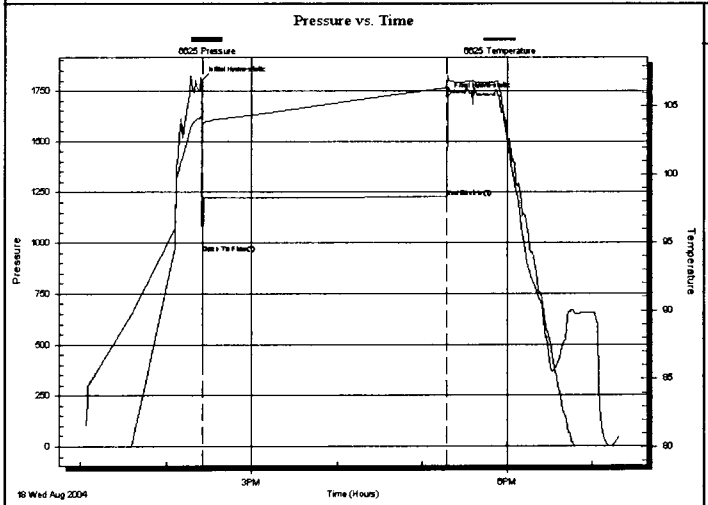
Reference Elevations: 1930.00 ft (KB)
1922.00 ft (CF)
KB to GR/CF: 8.00 ft

**Serial #: 6625** **Inside**

Press@RunDepth: 1226.50 psig @ 3673.00 ft (KB)
Start Date: 2004.08.18 End Date: 2004.08.18
Start Time: 13:03:49 End Time: 19:19:16

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2004.08.18 @ 14:24:46
Time Off Btm: 2004.08.18 @ 17:17:31

TEST COMMENT: IF:Weak blow built to 2"slow ly died off to 1-1/2".
ISI:Bled dow n for 2 mins.no bb.
FF:No blow .
FSI:No bb.




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 1800.68 | 104.11 | Initial Hydro-static |
| 1 | 950.37 | 103.81 | Open To Flow (1) |
| 172 | 1226.50 | 106.37 | End Shut-In(1) |
| 173 | 1723.70 | 106.98 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 45.00 | VSO@GCM 4%gas trace of oil 94%mud | 0.35 |
| 0.00 | Show of free oil @ tool | 0.00 |
| | | |
| | | |
| | | |
| | | |

## Gas Rates

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

TRILOBITE TESTING, INC

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19717 **DST#: 4**

Test Start: 2004.08.18 @ 13:03:46

## Tool Information

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Drill Pipe: | Length: | 3630.03 ft | Diameter: | 3.80 inches | Volume: | 50.92 bbl | Tool Weight: | 2100.00 lb |
| Heavy Wt. Pipe: | Length: | 0.00 ft | Diameter: | 0.00 inches | Volume: | 0.00 bbl | Weight set on Packer: | 20000.00 lb |
| Drill Collar: | Length: | 30.97 ft | Diameter: | 2.25 inches | Volume: | 0.15 bbl | Weight to Pull Loose: | 65000.00 lb |
| | | | | | Total Volume: | 51.07 bbl | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | | 15.00 ft | | | | | String Weight: Initial | 44000.00 lb |
| Depth to Top Packer: | | 3672.00 ft | | | | | Final | 44000.00 lb |
| Depth to Bottom Packer: | | ft | | | | | | |
| Interval betw een Packers: | | 101.00 ft | | | | | | |
| Tool Length: | | 127.00 ft | | | | | | |
| Number of Packers: | | 2 | Diameter: | 6.75 inches | | | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|---|---|---|---|---|---|---|
| Change Over Sub | 1.00 | | | 3647.00 | | |
| Shut In Tool | 5.00 | | | 3652.00 | | |
| Hydraulic tool | 5.00 | | | 3657.00 | | |
| Jars | 5.00 | | | 3662.00 | | |
| Packer | 5.00 | | | 3667.00 | 26.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 3672.00 | | |
| Stubb | 1.00 | | | 3673.00 | | |
| Recorder | 0.00 | 6625 | Inside | 3673.00 | | |
| Anchor | 28.00 | | | 3701.00 | | |
| Blank Spacing | 62.00 | | | 3763.00 | | |
| Anchor | 7.00 | | | 3770.00 | | |
| Recorder | 0.00 | 10991 | Outside | 3770.00 | | |
| Bullnose | 3.00 | | | 3773.00 | 101.00 | Bottom Packers & Anchor |
| **Total Tool Length:** | **127.00** | | | | | |

TRILOBITE TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19717 **DST#: 4**

Test Start: 2004.08.18 @ 13:03:46

## 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: | 51.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 7.98 in³ | Gas Cushion Type: | | | |
| Resistivity: | 0.90 ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 5500.00 ppm | | | | |
| Filter Cake: | 0.32 inches | | | | |

## Recovery Information

Recovery Table

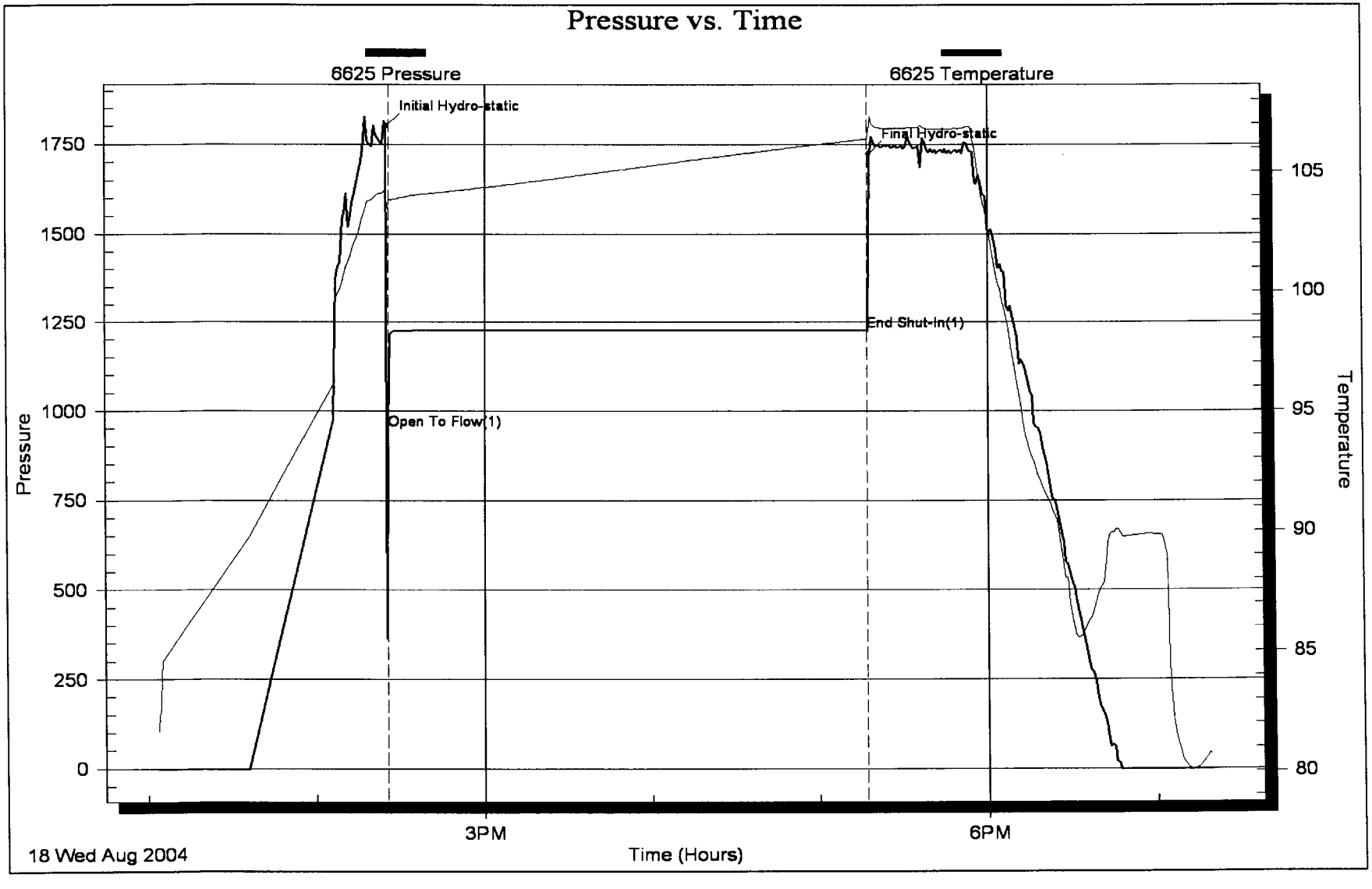
| Length ft | Description | Volume bbl |
|---|---|---|
| 45.00 | VSO@GCM 4%gas trace of oil 94%mud | 0.349 |
| 0.00 | Show of free oil @ tool | 0.000 |

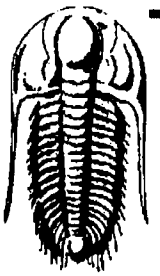
Total Length: 45.00 ft Total Volume: 0.349 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6625 Pressure
6625 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Open To Flow(1)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
105
100
95
90
85
80
3PM
6PM
18 Wed Aug 2004
Time (Hours)



TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

Prepared For: **Coral Production,Corporation.**

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**36-21S-14W**

**McGinty #2**

Start Date: 2004.08.19 @ 08:31:52

End Date: 2004.08.19 @ 14:01:52

Job Ticket #: 19718 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

# DRILL STEM TEST REPORT

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19718 **DST#: 5**

Test Start: 2004.08.19 @ 08:31:52

## GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:54:22
Time Test Ended: 14:01:52

Test Type: Conventional Straddle
Tester: Darren L.Amerine
Unit No: 30

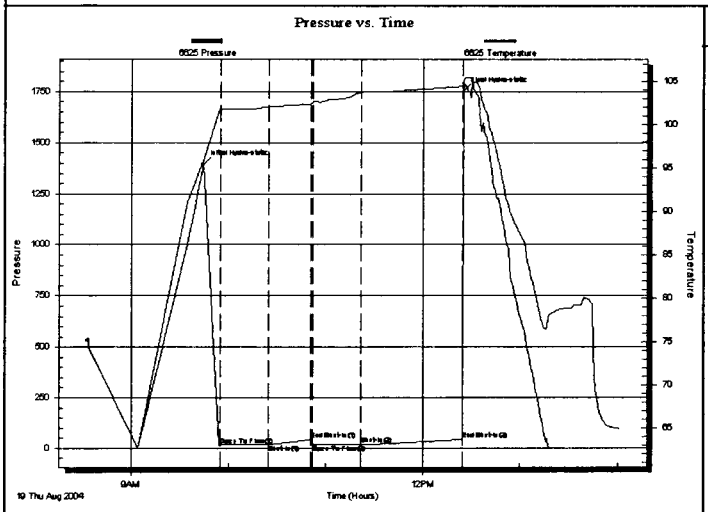
**Interval: 3670.00 ft (KB) To 3705.00 ft (KB) (TVD)**
Total Depth: 3773.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1930.00 ft (KB)
1922.00 ft (CF)
KB to GR/CF: 8.00 ft

**Serial #: 6625** **Inside**
Press@RunDepth: 18.59 psig @ 3672.00 ft (KB)
Start Date: 2004.08.19 End Date: 2004.08.19
Start Time: 08:31:55 End Time: 14:01:52

Capacity: 7000.00 psig
Last Calib.: 2004.08.19
Time On Btm: 2004.08.19 @ 09:43:52
Time Off Btm: 2004.08.19 @ 12:24:52

TEST COMMENT: IF:Weak surface blow built to 1/4"in H2O.
ISI:Bled dow n for 2 mins.no bb.
FF:No blow .
FSI:No bb.




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 1396.55 | 95.91 | Initial Hydro-static |
| 11 | 15.81 | 101.76 | Open To Flow (1) |
| 41 | 17.63 | 102.05 | Shut-In(1) |
| 67 | 44.33 | 102.39 | End Shut-In(1) |
| 68 | 17.44 | 102.58 | Open To Flow (2) |
| 98 | 18.59 | 103.70 | Shut-In(2) |
| 161 | 42.73 | 104.41 | End Shut-In(2) |
| 161 | 1755.55 | 104.96 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 15.00 | VSO&GCM 4%gas trace of oil 94%mud | 0.07 |
| | | |
| | | |
| | | |
| | | |
| | | |

## Gas Rates

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

TRILOBITE TESTING, INC

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19718 **DST#: 5**

Test Start: 2004.08.19 @ 08:31:52

## Tool Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Drill Pipe: | Length: | 3625.03 ft | Diameter: | 3.80 inches | Volume: | 50.85 bbl | |
| Heavy Wt. Pipe: | Length: | 0.00 ft | Diameter: | 0.00 inches | Volume: | 0.00 bbl | |
| Drill Collar: | Length: | 30.97 ft | Diameter: | 2.25 inches | Volume: | 0.15 bbl | |
| | | | | | Total Volume: | 51.00 bbl | |

| | |
|---|---|
| Drill Pipe Above KB: | 15.00 ft |
| Depth to Top Packer: | 3670.00 ft |
| Depth to Bottom Packer: | 3705.00 ft |
| Interval betw een Packers: | 35.00 ft |
| Tool Length: | 132.00 ft |
| Number of Packers: | 3 Diameter: 6.75 inches |

| | |
|---|---|
| Tool Weight: | 2100.00 lb |
| Weight set on Packer: | 20000.00 lb |
| Weight to Pull Loose: | 65000.00 lb |
| Tool Chased | 0.00 ft |
| String Weight: Initial | 44000.00 lb |
| Final | 44000.00 lb |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|---|---|---|---|---|---|---|
| Change Over Sub | 1.00 | | | 3642.00 | | |
| Shut In Tool | 5.00 | | | 3647.00 | | |
| Hydraulic tool | 5.00 | | | 3652.00 | | |
| Jars | 5.00 | | | 3657.00 | | |
| Safety Joint | 3.00 | | | 3660.00 | | |
| Packer | 5.00 | | | 3665.00 | 29.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 3670.00 | | |
| Stubb | 2.00 | | | 3672.00 | | |
| Recorder | 0.00 | 6625 | Inside | 3672.00 | | |
| Anchor | 29.00 | | | 3701.00 | | |
| Recorder | 0.00 | 10332 | Outside | 3701.00 | | |
| Anchor | 4.00 | | | 3705.00 | 35.00 | Tool Interval |
| Packer | 0.00 | | | 3705.00 | | |
| Stubb | 2.00 | | | 3707.00 | | |
| Blank Spacing | 62.00 | | | 3769.00 | | |
| Recorder | 0.00 | 10991 | Below | 3769.00 | | |
| Bullnose | 4.00 | | | 3773.00 | 68.00 | Bottom Packers & Anchor |
| **Total Tool Length:** | **132.00** | | | | | |

TRILOBITE TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production,Corporation.

1600 Stout St Ste 1500
Denver, CO 80303

ATTN: Tim Lauer

**McGinty #2**

**36-21S-14W**

Job Ticket: 19718 **DST#: 5**

Test Start: 2004.08.19 @ 08:31:52

## 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: | 46.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 7.99 in³ | Gas Cushion Type: | | | |
| Resistivity: | 0.90 ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 5500.00 ppm | | | | |
| Filter Cake: | 0.32 inches | | | | |

## Recovery Information

Recovery Table

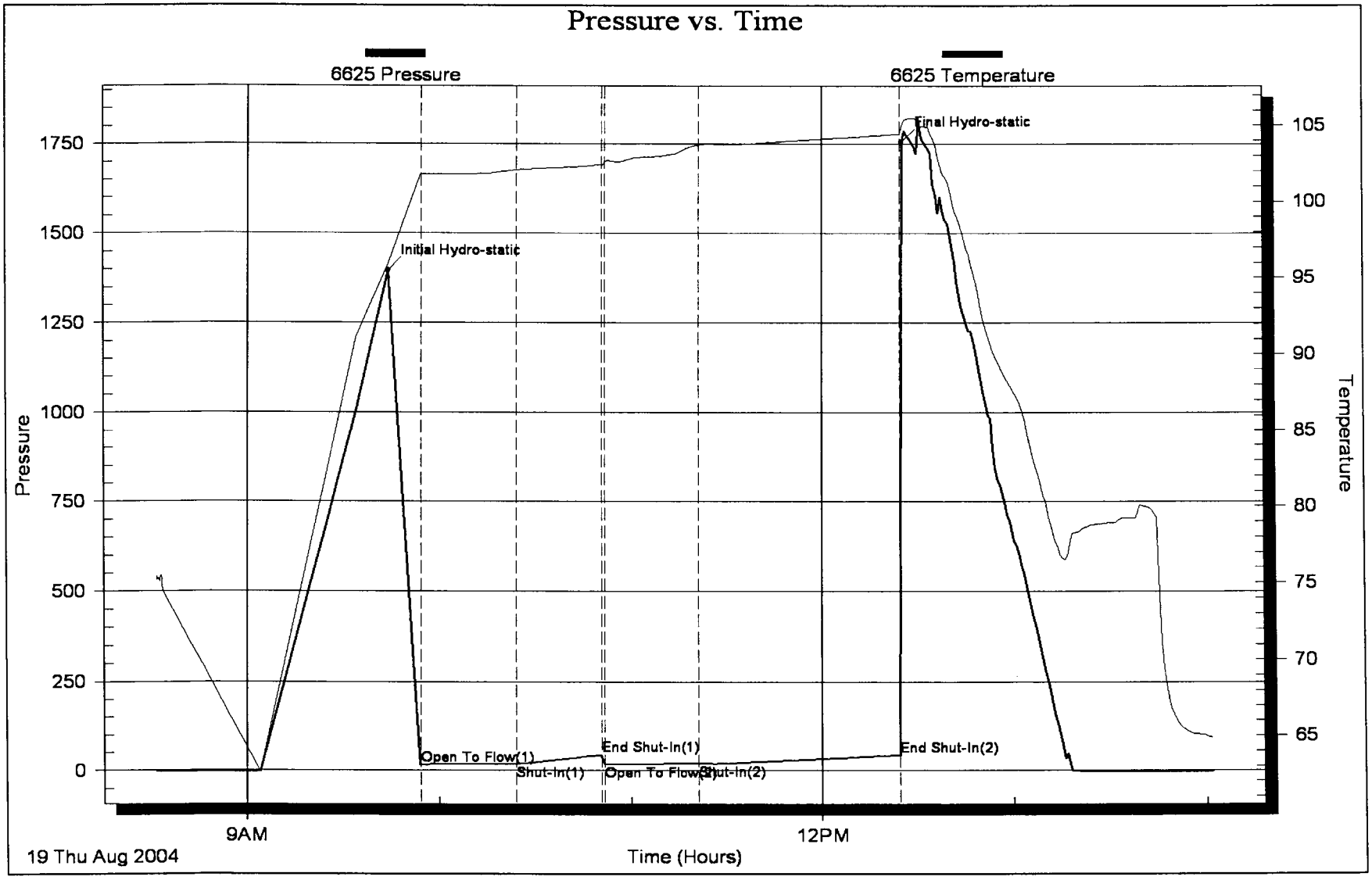
| Length ft | Description | Volume bbl |
|---|---|---|
| 15.00 | VSO&GCM 4%gas trace of oil 94%mud | 0.074 |

Total Length: 15.00 ft Total Volume: 0.074 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6625 Pressure
6625 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
End Shut-In(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
105
100
95
90
85
80
75
70
65
9AM
12PM
19 Thu Aug 2004
Time (Hours)

# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

№ 19714

## Test Ticket

Well Name & No. McGinty #2 Test No. #1 Date 8-16-04

Company Coral Production Corporation. Zone Tested Lansing (H-I)

Address 1600 Stout Street, Suite 1500 Denver Elevation 1930 KB 1922 GL

Co. Rep / Geo. Tim Lauer Cont. Discovery #2 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 36 Twp. 21S Rge. 14W Co. Stafford, Co. State KS

No. of Copies 5 Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3520' - 3560' Initial Str Wt./Lbs. 42,000 Unseated Str Wt/Lbs. 42,000

Anchor Length 40' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 55,000

Top Packer Depth 3515 Tool Weight 2100

Bottom Packer Depth 3520 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3560 Wt. Pipe Run N/A Drill Collar Run 30.97

Mud Wt. 9.3 LCM Trc Vis. 51 WL 8.2 Drill Pipe Size 4½XH Ft. Run 3473.03

Blow Description IF: Weak surface blow built to 6" in H20 bucket.
ISI: Bled down for 3 mins. built back to 2" slowly died.
FF: Strong blow B.O.B in 2 mins.
FSI: Bled down for 3 mins. No blow back

Recovery - Total Feet 80' GIP 620' Ft. in DC 31 Ft. in DP 49

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Rec. 80' | Feet of GIMCO | 10 %gas | 80 %oil | %water | 10 %mud |
| Rec. 620' | Feet of GTP | %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 4,000 ppm System

| | AK-1 | Alpine | | | | | |
|---|---|---|---|---|---|---|---|
| (A) Initital Hydrostatic Mud | | 1720 PSI | Recorder No. | 6625 | Test ✓ | 900 |
| (B) First Initial Flow Pressure | | 17 PSI | (depth) | 3521' | Elec. Rec. ✓ | |
| (C) First Final Flow Pressure | | 29 PSI | Recorder No. | 10991 | Jars ✓ | 200 |
| (D) Initial Shut-In Pressure | | 418 PSI | (depth) | 3557' | Safety Jt. | |
| (E) Second Initial Flow Pressure | | 25 PSI | Recorder No. | | Circ Sub | |
| (F) Second Final Flow Pressure | | 37 PSI | (depth) | | Sampler | |
| (G) Final Shut-In Pressure | | 704 PSI | **Initial Opening** | 30 | Straddle | |
| (Q) Final Hydrostatic Mud | | 1701 PSI | Initial Shut-In | 45 | Ext. Packer | |
| | | | Final Flow | 60 | Shale Packer | |
| | | | Final Shut-In | 90 | Mileage 86 43 | 73.10 |
| | | | **T-On Location** | 1045 | Sub Total: | 1173.10 |
| | | | T-Started | 1203 | Std. By ½hr | 15 |
| | | | T-Open | 1338 | Other | |
| | | | T-Pulled | 1728 | Total: | $1188.10 |
| | | | T-Out | 1910 | | |

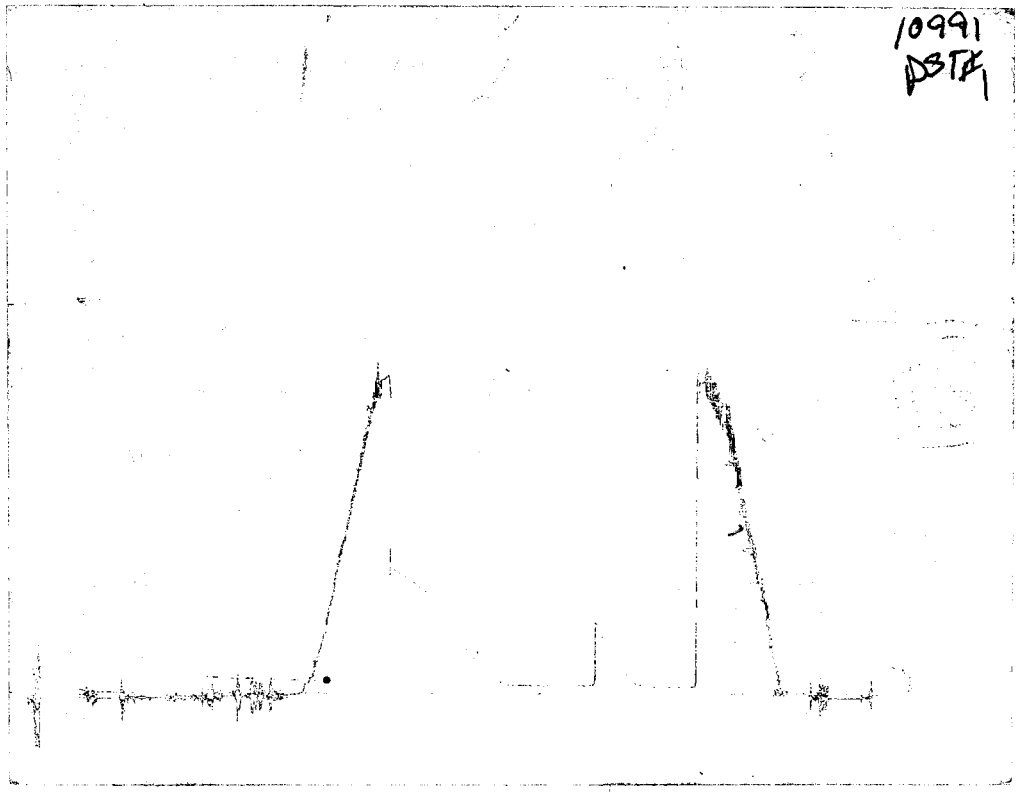
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Approved By _____

Our Representative Darrel Greene

# CHART PAGE

**This is a photocopy of the actual AK-1 recorder chart**



# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

№ 19715

## Test Ticket

Well Name & No. McGinty #2 Test No. #2 Date 8-17-04

Company Coral Production Corporation. Zone Tested

Address 1600 Stout St. Suite 1500 Denver, Colo. 80202 Elevation 1930 KB 1922 GL

Co. Rep / Geo. Tim Laver Cont. Discovery #2 Est. Ft. of Pay Por. %

Location: Sec. 36 Twp. 21S Rge. 14W Co. Stafford, Co State KS

No. of Copies 5 Disbtribution Sheet (Y, N) — Turnkey (Y, N) — Evaluation (Y, N) —

Interval Tested 3562' - 3625' Initial Str Wt./Lbs. 43000 Unseated Str Wt/Lbs. 43,000

Anchor Length 63' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs 60,000

Top Packer Depth 3557' Tool Weight 2100

Bottom Packer Depth 3562' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3625 Wt. Pipe Run N/A Drill Collar Run 30.97

Mud Wt. 9.3 LCM Trace Vis. 52 WL 8.8 Drill Pipe Size 4½ XH Ft. Run 3538.03

Blow Description IF: Weak surface blow built to 2" in H20 bucket

ISI: Bled down for 3 mins. No blow back.

FF: Weak blow built to 3"

FSI: Bled down for 3 mins. No blow back.

Recovery - Total Feet 40 GIP 80' Ft. in DC 30 Ft. in DP 10

Rec. 40 Feet of 20%gas 30%oil %water 50%mud

Rec. 80' Feet of GIP %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 107 °F Gravity °API D @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 4000 ppm System

| | AK-1 | Alpine | | | | |
|---|---|---|---|---|---|---|
| (A)Initital Hydrostatic Mud | | 1733 PSI | Recorder No. | 6625 | Test ✓ | 900 |
| (B) First Initial Flow Pressure | | 14 PSI | (depth) | 3563' | Elec. Rec. ✓ | |
| (C) First Final Flow Pressure | | 22 PSI | Recorder No. | 10991 | Jars ✓ | 200 |
| (D) Initial Shut-In Pressure | | 280 PSI | (depth) | 3590' | Safety Jt. | |
| (E) Second Initial Flow Pressure | | 20 PSI | Recorder No. | | Circ Sub | |
| (F) Second Final Flow Pressure | | 27 PSI | (depth) | | Sampler | |
| (G) Final Shut-In Pressure | | 377 PSI | **Initial Opening** | 30 | Straddle | |
| (Q) Final Hydrostatic Mud | | 1657 PSI | Initial Shut-In | 45 | Ext. Packer | |
| | | | Final Flow | 60 | Shale Packer | |
| | | | Final Shut-In | 90 | Mileage | 73.10 |
| | | | **T-On Location** | 0330 | Sub Total: | 1173.10 |
| | | | T-Started | 0339 | Std. By | |
| | | | T-Open | 0538 | Other | |
| | | | T-Pulled | 0923 | Total: | |
| | | | T-Out | 1108 | | |

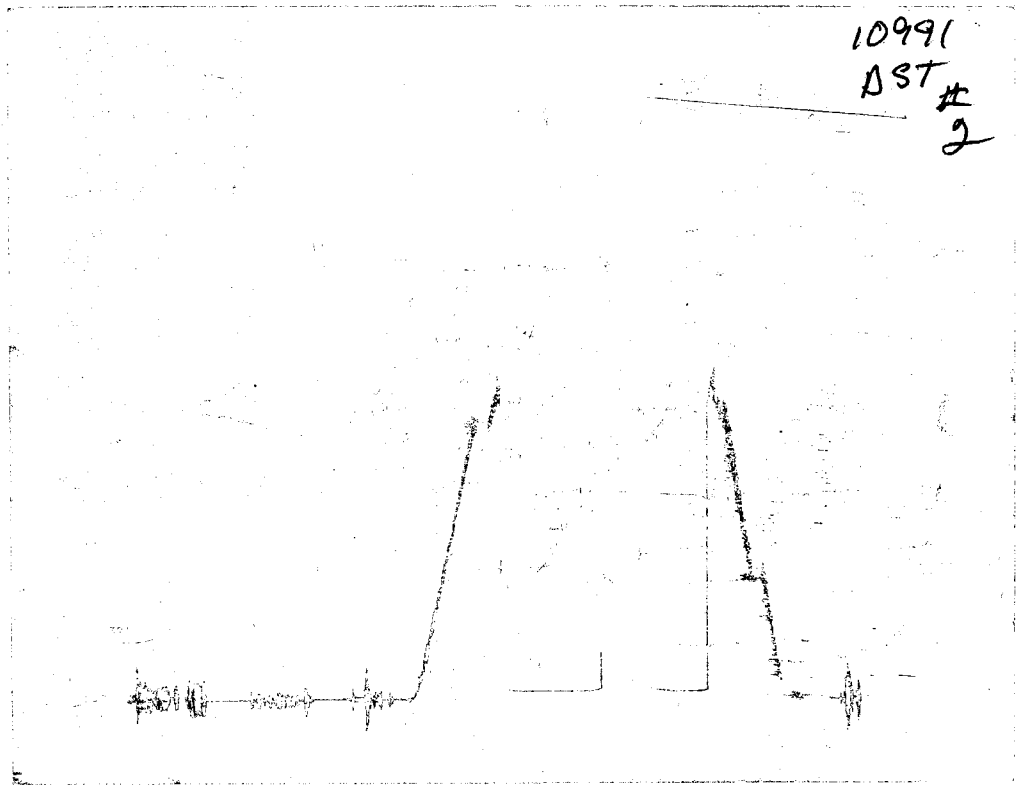
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Approved By

Our Representative Darrell Gonzales

# CHART PAGE

**This is a photocopy of the actual AK-1 recorder chart**



# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

No. 19716

## Test Ticket

Well Name & No. McGinty #2 Test No. #3 Date 8-17-04

Company Coral Production, Corp. 1600 Stout St Zone Tested Viola

Address Suite 1500 Denver, Colorado. 80202 Elevation 1930 KB 1922 GL

Co. Rep / Geo. Tim Lauer Cont. Discovery #2 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 36 Twp. 21S Rge. 14W Co. Stafford, Co. State Ks

No. of Copies 5 Disbtribution Sheet (Y, N) — Turnkey (Y, N) — Evaluation (Y, N) —

Interval Tested 3626 - 3716 Initial Str Wt./Lbs. 44,000 Unseated Str Wt/Lbs. 44,000

Anchor Length 90' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000

Top Packer Depth 3621 Tool Weight 2100

Bottom Packer Depth 3626 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3716 Wt. Pipe Run N/A Drill Collar Run 30.97

Mud Wt. 9.1 LCM 0 Vis. 53 WL 7.2 Drill Pipe Size 4½XH Ft. Run 3656.03

Blow Description IF: Weak surface blow died in 5 mins.
ISI: No blow back
FF: No blow
FSI: No blow back.

Recovery - Total Feet 5' GIP _____ Ft. in DC 5' Ft. in DP N/A

Rec. 5' Feet of SOCM %gas 4 %oil %water 96 %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 107 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4,500 ppm System

| | AK-1 | Alpine | | | | | |
|---|---|---|---|---|---|---|---|
| (A) Initial Hydrostatic Mud | | 1777 PSI | Recorder No. | 6625 | Plugged tool | Test ✓ | 900 |
| (B) First Initial Flow Pressure | | 812 PSI | (depth) | 3627' | | Elec. Rec. ✓ | |
| (C) First Final Flow Pressure | | PSI | Recorder No. | 10991 | | Jars ✓ | 200 |
| (D) Initial Shut-In Pressure | | PSI | (depth) | 3651' | | Safety Jt. | |
| (E) Second Initial Flow Pressure | | PSI | Recorder No. | | | Circ Sub | |
| (F) Second Final Flow Pressure | | PSI | (depth) | | | Sampler | |
| (G) Final Shut-In Pressure | | 1271 PSI | Initial Opening | 30 | | Straddle | |
| (Q) Final Hydrostatic Mud | | 1764 PSI | Initial Shut-In | 30 | | Ext. Packer | |
| | | | Final Flow | 30 | | Shale Packer | |
| | | | Final Shut-In | 60 | | Mileage | 73.10 |
| | | | T-On Location | 2000 | | Sub Total: | 1173.10 |
| | | | T-Started | 2023 | | Std. By | |
| | | | T-Open | 2156 | | Other | |
| | | | T-Pulled | 0026 | | Total: | |
| | | | T-Out | 0218 | | | |

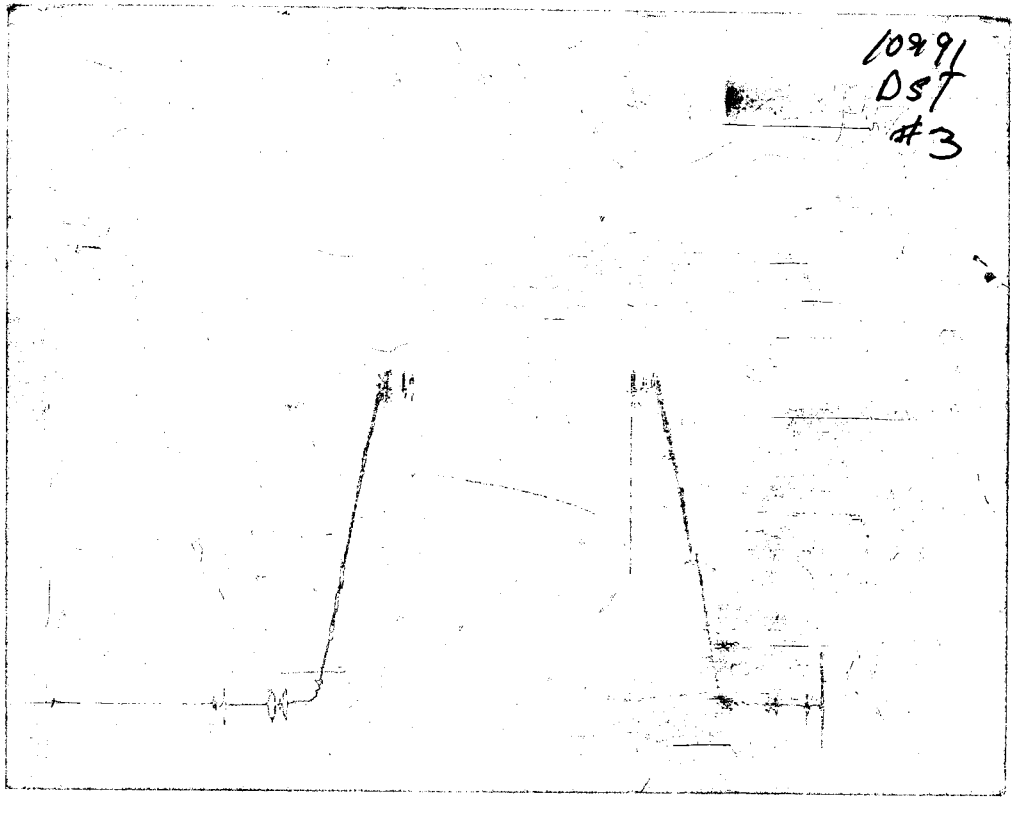
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Approved By _____

Our Representative Darrin Lawrence

# CHART PAGE

**This is a photocopy of the actual AK-1 recorder chart**



# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

№ 19717

## Test Ticket

Well Name & No. McClintock #2 Test No. #4 Date 8-18-09

Company Coral Production, Corp 1600 Stout St. Zone Tested Viola / Arbuckle

Address Suite 1500 Denver, Colorado. 80202 Elevation 1930 KB 1922 GL

Co. Rep / Geo. Tim Laver Cont. Discovery #2 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 36 Twp. 21 S Rge. 14 W Co. Stafford, Co. State KS

No. of Copies 5 Disbtribution Sheet (Y, N) — Turnkey (Y, N) — Evaluation (Y, N) —

Interval Tested 3672 - 3773' Initial Str Wt./Lbs. 44,000 Unseated Str Wt/Lbs. 44000

Anchor Length 101' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 65,000

Top Packer Depth 3667' Tool Weight 2100

Bottom Packer Depth 3672' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3773' Wt. Pipe Run N/A Drill Collar Run 30.97

Mud Wt. 9.1 LCM 0 Vis. 46 WL 8.0 Drill Pipe Size 4½ XH Ft. Run _____

Blow Description IF: Weak blow built to 2" slowly died off to 1½"

ISI: Blind down for 2 mins. No blow back.

FF: No blow

FSI: No bb.

Recovery - Total Feet 45' GIP Trace Ft. in DC _____ Ft. in DP _____

Rec. 45 Feet of MSOCM % gas Trace % oil _____ % water 91 % mud

Rec. _____ Feet of Show of Free O.I % 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 106 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5500 ppm System

| | AK-1 | Alpine | | | | |
|---|---|---|---|---|---|---|
| (A) Initital Hydrostatic Mud | | 1801 PSI | Recorder No. | 6625 | Test | ✓ 400 |
| (B) First Initial Flow Pressure | | 950 PSI | (depth) | 3673' | Elec. Rec. | ✓ |
| (C) First Final Flow Pressure | | PSI | Recorder No. | 10991 | Jars | ✓ |
| (D) Initial Shut-In Pressure | | PSI | (depth) | 3770' | Safety Jt. | |
| (E) Second Initial Flow Pressure | | PSI | Recorder No. | | Circ Sub | |
| (F) Second Final Flow Pressure | | PSI | (depth) | | Sampler | |
| (G) Final Shut-In Pressure | | 1226 PSI | **Initial Opening** | 30 | Straddle | |
| (Q) Final Hydrostatic Mud | | 1724 PSI | Initial Shut-In | 45 | Ext. Packer | |
| | | | Final Flow | 30 | Shale Packer | |
| | | | Final Shut-In | 45 | Mileage | |
| | | | **T-On Location** | 1230 | Sub Total: | 1173.16 |
| | | | T-Started | 1303 | Std. By | |
| | | | T-Open | 1421 | Other | |
| | | | T-Pulled | 1651 | Total: | |
| | | | T-Out | 1919 | | |

Plugged tool

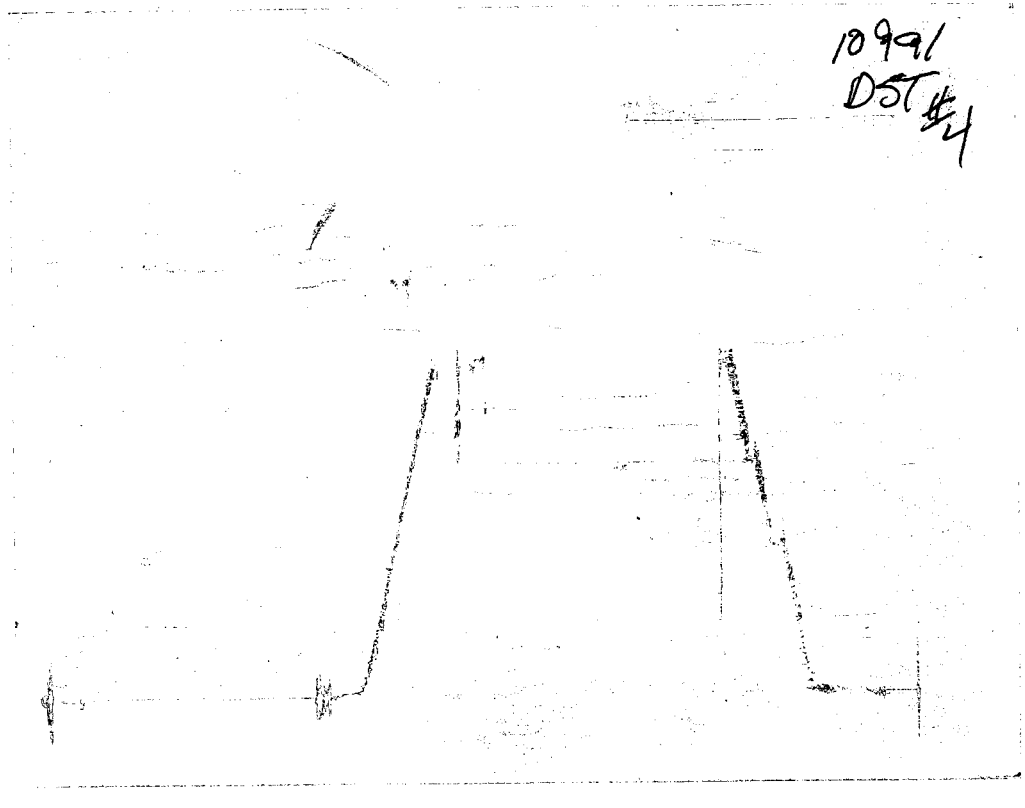
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Approved By _____

Our Representative Darren Kimmerer

# CHART PAGE

**This is a photocopy of the actual AK-1 recorder chart**



# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

№ 19718

## Test Ticket

Well Name & No. McGinty #2 Test No. #5 Date 8-19-04

Company Coral Production Corp. 1600 Stout St. Zone Tested Viola

Address Suite 1500 Denver, Colorado. 80202 Elevation 1930 KB 1922 GL

Co. Rep / Geo. Tim Lauer Cont. Discovery #2 Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 36 Twp. 21S Rge. 14W Co. Stafford, Co. State Ks

No. of Copies 5 Disbtribution Sheet (Y, N) — Turnkey (Y, N) — Evaluation (Y, N) —

Interval Tested 3670' - 3705' Initial Str Wt./Lbs. 44,000 Unseated Str Wt/Lbs. 44,000

Anchor Length 35' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000

Top Packer Depth 3665 Tool Weight 2,100

Bottom Packer Depth 3670 & 3705 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3773 Wt. Pipe Run N/A Drill Collar Run 30.97

Mud Wt. 9.1 LCM 0 Vis. 46 WL 8.0 Drill Pipe Size 4½ X-H Ft. Run 3687.03

Blow Description IF: Weak surface blow built to ¼" in 20.
ISI: Bled down 2 mins. No bb.
FF: No blow
FSI: No bb.

Recovery - Total Feet 15' GIP N/A Ft. in DC 45' Ft. in DP N/A

Rec. 15' Feet of VSOSGCM 4 %gas Trace %oil %water 94 %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 104 °F Gravity ____ °API D @ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery ____ Chlorides 55,000 ppm System

| | AK-1 | Alpine | | | | | |
|---|---|---|---|---|---|---|---|
| (A) Initital Hydrostatic Mud | | 1397 | PSI | Recorder No. | 6625 | Test ✓ | 900 |
| (B) First Initial Flow Pressure | | 16 | PSI | (depth) | 3672 | Elec. Rec. ✓ | |
| (C) First Final Flow Pressure | | 18 | PSI | Recorder No. | 10332 | Jars ✓ | 200 |
| (D) Initial Shut-In Pressure | | 44 | PSI | (depth) | 3701 | Safety Jt. ✓ | 50 |
| (E) Second Initial Flow Pressure | | 17 | PSI | Recorder No. | 10991 | Circ Sub | |
| (F) Second Final Flow Pressure | | 19 | PSI | (depth) | 3769 | Sampler | |
| (G) Final Shut-In Pressure | | 43 | PSI | **Initial Opening** | 30 | Straddle ✓ | 250 |
| (Q) Final Hydrostatic Mud | | 1756 | PSI | Initial Shut-In | 30 | Ext. Packer | |
| | | | | Final Flow | 30 | Shale Packer | |
| | | | | Final Shut-In | 60 | Mileage 43 | 73.10 |
| | | | | **T-On Location** | 0700 | Sub Total: | 1473.10 |
| | | | | T-Started | 0831 | Std. By | |
| | | | | T-Open | 0950 | Other | |
| | | | | T-Pulled | 1220 | Total: | |
| | | | | T-Out | 1401 | | |

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Approved By _____

Our Representative Darren Thomerson

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