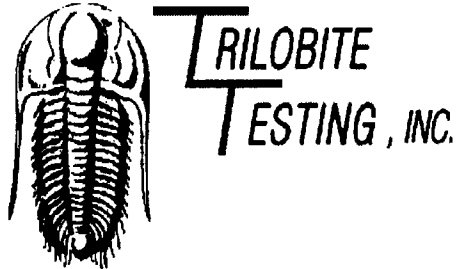


15-097-21522

32-30s-18w

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DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**
P.O. Box 780208
Wichita, Ks 67278

ATTN: Scott Hampel

32-30-18-Kiowa-Ks

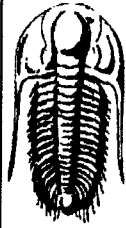
Unruh "A" #1-32

Start Date: 2003.10.15 @ 10:05:24

End Date: 2003.10.15 @ 17:11:39

Job Ticket #: 18888 DST #: 1

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 Corp

Unruh "A" #1-32

P.O. Box 780208
Wichita, Ks 67278

32-30-18-Kiowa-Ks

Job Ticket: 18888

DST#: 1

ATTN: Scott Hampel

Test Start: 2003.10.15 @ 10:05:24

GENERAL INFORMATION:

Formation: **Stotler**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:47:24
 Time Test Ended: 17:11:39

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Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

JAN 06 2004

Interval: **3511.00 ft (KB) To 3520.00 ft (KB) (TVD)**
 Total Depth: 3520.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

KCC WICHITA

Reference Elevations: 2185.00 ft (KB)

2176.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **6755**

Inside

Press@RunDepth: 96.85 psig @ 3512.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2003.10.15

End Date:

2003.10.15

Last Calib.:

2003.10.15

Start Time: 10:05:25

End Time:

17:11:39

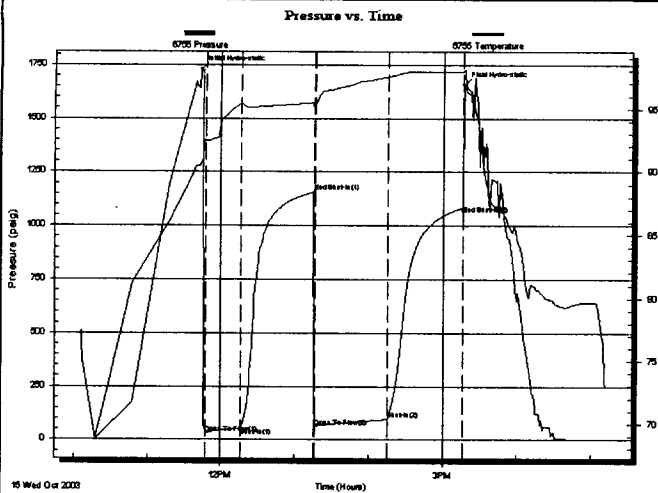
Time On Btm:

2003.10.15 @ 11:43:24

Time Off Btm:

2003.10.15 @ 15:16:39

TEST COMMENT: Slid tool 6' to bottom-IF-Weak building to fair BOB in 23 min
 FF-Weak building to 1 1/2"
 Times-30-60-60-60



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1727.43 | 90.61 | Initial Hydro-static |
| 4 | 29.37 | 92.49 | Open To Flow (1) |
| 33 | 53.60 | 95.45 | Shut-In(1) |
| 92 | 1156.53 | 95.49 | End Shut-In(1) |
| 93 | 59.85 | 95.30 | Open To Flow (2) |
| 152 | 96.85 | 97.54 | Shut-In(2) |
| 213 | 1055.91 | 97.93 | End Shut-In(2) |
| 214 | 1656.98 | 98.12 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------|--------------|
| 186.00 | Mdy Wtr 10% m 90% w | 0.91 |
| 0.00 | Rw .21 @ 75 = 46000ppm | 0.00 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Unruh "A" #1-32

P.O. Box 780208
Wichita, Ks 67278

32-30-18-Kiowa-Ks

Job Ticket: 18888

DST#: 1

ATTN: Scott Hampel

Test Start: 2003.10.15 @ 10:05:24

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3270.00 ft | Diameter: 3.80 inches | Volume: 45.87 bbl | Tool Weight: 1100.00 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: 244.00 ft | Diameter: 2.25 inches | Volume: 1.20 bbl | Weight to Pull Loose: 80000.00 lb |
| | | | <u>Total Volume: 47.07 bbl</u> | Tool Chased 6.00 ft |
| Drill Pipe Above KB: | 24.00 ft | | | String Weight: Initial 60000.00 lb |
| Depth to Top Packer: | 3511.00 ft | | | Final 60000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 9.00 ft | | | |
| Tool Length: | 30.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |
| Tool Comments: | | | | |

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| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|--------------|------------|----------|------------|------------------------------|
| Change Over Sub | 1.00 | | | 3491.00 | |
| Shut In Tool | 5.00 | | | 3496.00 | |
| Hydraulic tool | 5.00 | | | 3501.00 | |
| Packer | 5.00 | | | 3506.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3511.00 | |
| Stubb | 1.00 | | | 3512.00 | |
| Recorder | 0.00 | 6755 | Inside | 3512.00 | |
| Perforations | 5.00 | | | 3517.00 | |
| Recorder | 0.00 | 13254 | Outside | 3517.00 | |
| Bullnose | 3.00 | | | 3520.00 | 9.00 Bottom Packers & Anchor |
| Total Tool Length: | 30.00 | | | | |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp

Unruh "A" #1-32

P.O. Box 780208
Wichita, Ks 67278

32-30-18-Kiowa-Ks

Job Ticket: 18888

DST#: 1

ATTN: Scott Hampel

Test Start: 2003.10.15 @ 10:05:24

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:

46000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------------|---------------|
| 186.00 | Mdy Wtr 10%m 90%w | 0.915 |
| 0.00 | Rw .21 @ 75 = 46000ppm | 0.000 |

Total Length: 186.00 ft

Total Volume: 0.915 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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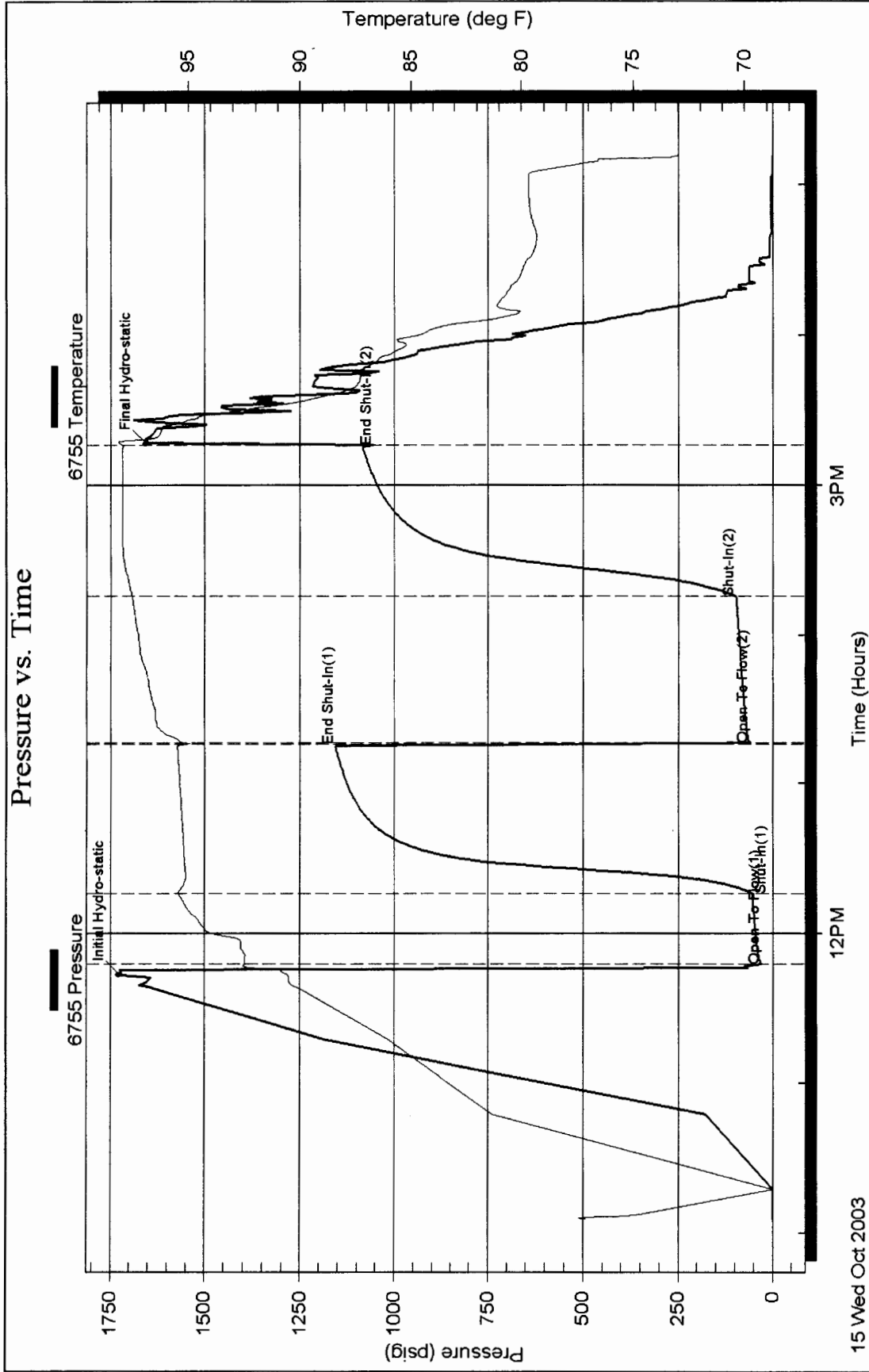
Serial #: 6755

Inside McCoy Petroleum Corp

32-30-18-Klow a-Ks

DST Test Number: 1

Pressure vs. Time



15 Wed Oct 2003

12PM

3PM

Time (Hours)

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Trilobite Testing, Inc

Ref. No: 18888

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