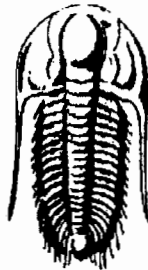


15-095-21938

10-30s-9w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petr. Corp.**

8080 E. Central
Ste. 300
Wichita, KS 67206

ATTN: David Clothier

¹⁰ ~~30~~-30s-9w

Whitmer 'A' 3-10

Start Date: 2005.01.14 @ 16:32:17

End Date: 2005.01.15 @ 03:08:32

Job Ticket #: 19916 DST #: 1

McCoy Petr. Corp.

Whitmer 'A' 3-10

¹⁰ ~~30~~-30s-9w

DST # 1

Miss.

2005.01.14

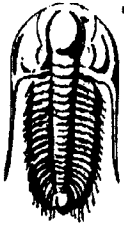
Section is 10, not 30 as printed

**RECEIVED
KANSAS CORPORATION COMMISSION**

JUN 14 2007

**CONSERVATION DIVISION
WICHITA, KS**

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 Petr. Corp.
8080 E. Central
Ste. 300
Wichita, KS 67206
ATTN: David Clothier

Whitmer 'A' 3-10
30-30s-9w
Job Ticket: 19916 **DST#: 1**
Test Start: 2005.01.14 @ 16:32:17

GENERAL INFORMATION:

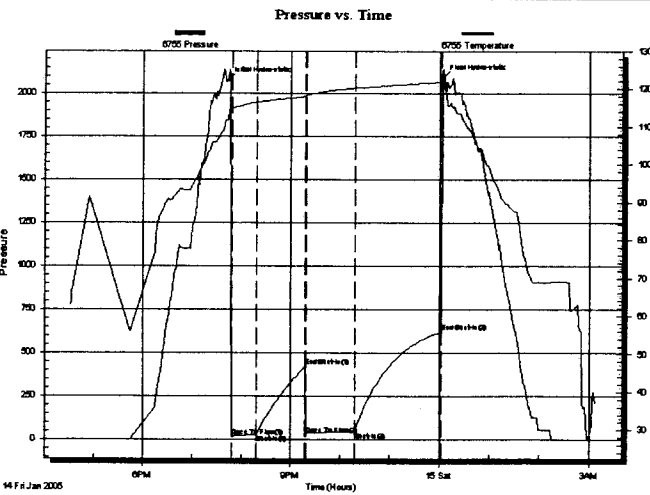
Formation: **Miss.**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 19:47:17
Time Test Ended: 03:08:32
Interval: **4269.00 ft (KB) To 4284.00 ft (KB) (TVD)**
Total Depth: **4284.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Floor**
Test Type: **Conventional Bottom Hole**
Tester: **Gary Revoteaux**
Unit No: **23**
Reference Elevations: **1673.00 ft (KB)**
1664.00 ft (CF)
KB to GR/CF: **9.00 ft**

Serial #: 6755

Inside

Press@RunDepth: **47.63 psig @ 4270.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2005.01.14** End Date: **2005.01.15** Last Calib.: **2005.01.15**
Start Time: **16:32:22** End Time: **03:08:32** Time On Btm: **2005.01.14 @ 19:41:32**
Time Off Btm: **2005.01.15 @ 00:04:17**

TEST COMMENT: F: Weak to fair blow . BO 10" of diesel in 3 min.
IS: No Blow .
FF: Weak to fair blow . BO 10" of diesel in 6 min.
FS: No Blow .



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2073.28 | 111.76 | Initial Hydro-static |
| 6 | 16.70 | 114.59 | Open To Flow (1) |
| 37 | 29.94 | 116.54 | Shut-In(1) |
| 97 | 420.88 | 118.03 | End Shut-In(1) |
| 97 | 31.64 | 118.34 | Open To Flow (2) |
| 157 | 47.63 | 120.30 | Shut-In(2) |
| 262 | 621.25 | 121.82 | End Shut-In(2) |
| 263 | 2092.21 | 124.80 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 85.00 | DM | 0.42 |
| 0.00 | 140 GP | 0.00 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petr. Corp.

Whitmer 'A' 3-10

8080 E. Central
Ste. 300
Wichita, KS 67206
ATTN: David Clothier

30-30s-9w

Job Ticket: 19916

DST#: 1

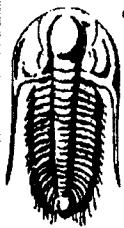
Test Start: 2005.01.14 @ 16:32:17

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4006.00 ft | Diameter: 3.80 inches | Volume: 56.19 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: 248.00 ft | Diameter: 2.25 inches | Volume: 1.22 bbl | Weight to Pull Loose: 71000.00 lb |
| | | | <u>Total Volume: 57.41 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 5.00 ft | | | String Weight: Initial 63000.00 lb |
| Depth to Top Packer: | 4269.00 ft | | | Final 63000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 15.00 ft | | | |
| Tool Length: | 35.00 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 | | | 4250.00 | |
| Shut In Tool | 5.00 | | | 4255.00 | |
| Hydraulic tool | 5.00 | | | 4260.00 | |
| Packer | 4.00 | | | 4264.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4269.00 | |
| Stubb | 1.00 | | | 4270.00 | |
| Recorder | 0.00 | 6755 | Inside | 4270.00 | |
| Perforations | 9.00 | | | 4279.00 | |
| Recorder | 0.00 | 13222 | Outside | 4279.00 | |
| Bullnose | 5.00 | | | 4284.00 | 15.00 Bottom Packers & Anchor |
| Total Tool Length: | 35.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petr. Corp.

Whitmer 'A' 3-10

8080 E. Central

30-30s-9w

Ste. 300

Job Ticket: 19916

DST#: 1

Wichita, KS 67206

Test Start: 2005.01.14 @ 16:32:17

ATTN: David Clothier

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:

8000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 85.00 | DM | 0.418 |
| 0.00 | 140 GP | 0.000 |

Total Length: 85.00 ft

Total Volume: 0.418 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

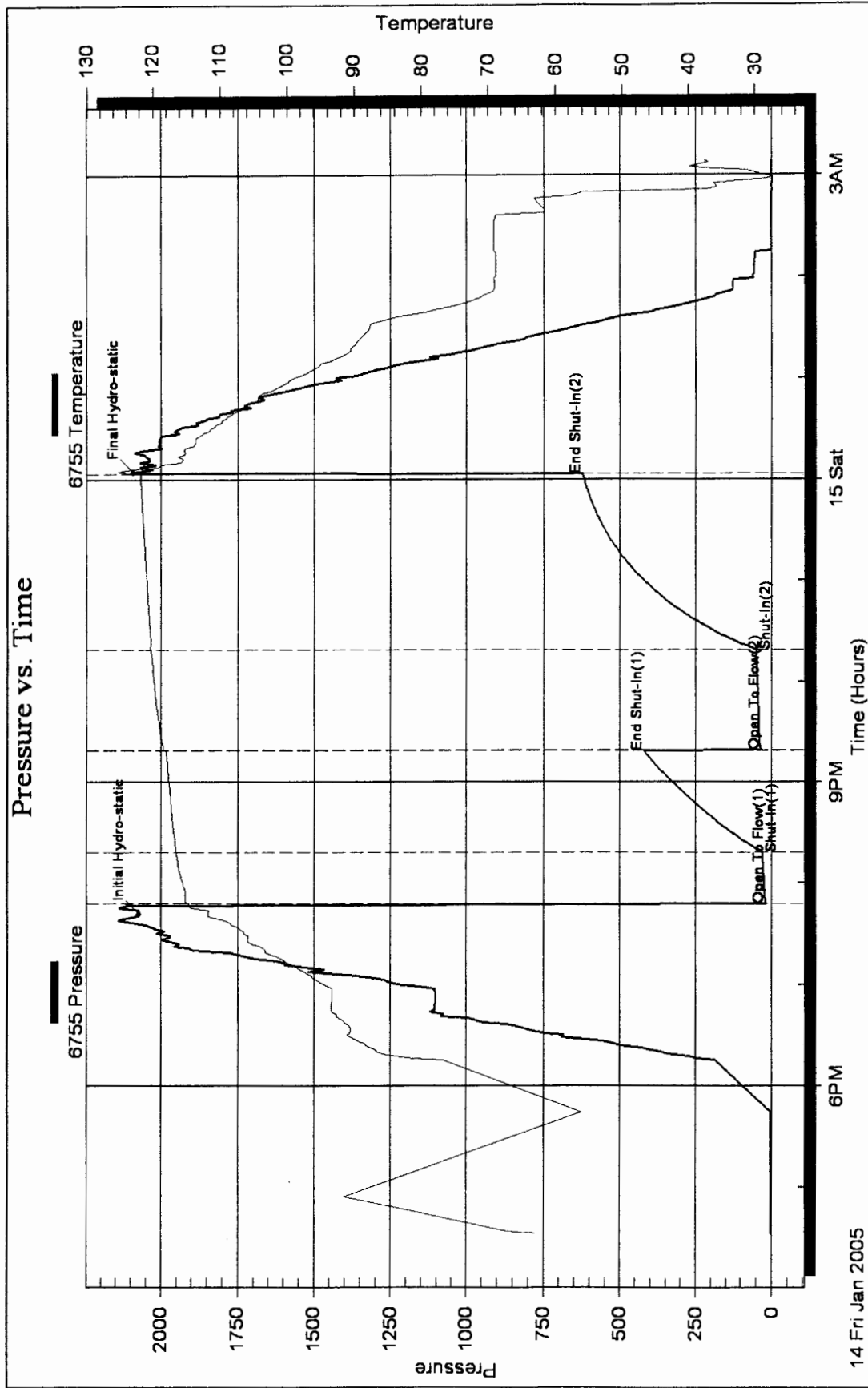
Inside

McCoy Petr. Corp.

30-30s-9w

DST Test Number: 1

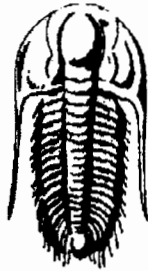
Pressure vs. Time



Triobite Testing, Inc

Ref. No: 19916

Printed: 2005.01.26 @ 14:40:38 Page 5



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petr. Corp.**

8080 E. Central
Ste. 300
Wichita, KS 67206

ATTN: David Clothier

30-30s-9w

Whitmer 'A' 3-10

Start Date: 2005.01.15 @ 14:08:32

End Date: 2005.01.15 @ 22:57:32

Job Ticket #: 19917 DST #: 2

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

McCoy Petr. Corp.

Whitmer 'A' 3-10

30-30s-9w

DST # 2

Miss.

2005.01.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petr. Corp.

Whitmer 'A' 3-10

8080 E. Central
Ste. 300
Wichita, KS 67206
ATTN: David Clothier

30-30s-9w

Job Ticket: 19917

DST#: 2

Test Start: 2005.01.15 @ 14:08:32

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4038.00 ft | Diameter: 3.80 inches | Volume: 56.64 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: 248.00 ft | Diameter: 2.25 inches | Volume: 1.22 bbl | Weight to Pull Loose: 72000.00 lb |
| | | | <u>Total Volume: 57.86 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 22.00 ft | | | String Weight: Initial 62000.00 lb |
| Depth to Top Packer: | 4284.00 ft | | | Final 62000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 10.00 ft | | | |
| Tool Length: | 30.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 4265.00 | |
| Shut In Tool | 5.00 | | | 4270.00 | |
| Hydraulic tool | 5.00 | | | 4275.00 | |
| Packer | 4.00 | | | 4279.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4284.00 | |
| Stubb | 1.00 | | | 4285.00 | |
| Recorder | 0.00 | 6755 | Inside | 4285.00 | |
| Perforations | 4.00 | | | 4289.00 | |
| Recorder | 0.00 | 13222 | Outside | 4289.00 | |
| Bullnose | 5.00 | | | 4294.00 | 10.00 Bottom Packers & Anchor |
| Total Tool Length: | 30.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petr. Corp.

Whitmer 'A' 3-10

8080 E. Central
Ste. 300
Wichita, KS 67206
ATTN: David Clothier

30-30s-9w
Job Ticket: 19917 DST#: 2
Test Start: 2005.01.15 @ 14:08:32

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: 129000 ppm | |
| Viscosity: 49.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 10.49 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 6500.00 ppm | | | |
| Filter Cake: 0.20 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-----------------------------------|---------------|
| 80.00 | Mud with oil specs | 0.393 |
| 65.00 | SOCMM 2%o 36%w 68%m Rw .17 ohms @ | 0.320 |
| 0.00 | 165 ft. of GP | 0.000 |

Total Length: 145.00 ft Total Volume: 0.713 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: None

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

