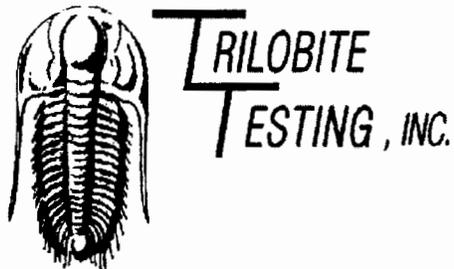


32-183-26w

RECEIVED
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AUG 09 2005
CONFIDENTIAL



DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

900N Tyler Rd#14
Wichita, Ks 67212

API 13-179-21129

ATTN: IA Operating Inc

32-8-26 Sheridan, Ks

Roberta #32-1

Start Date: 2005.06.27 @ 02:04:23

End Date: 2005.06.27 @ 07:40:47

Job Ticket #: 21639 DST #: 1

RELEASED
FROM
CONFIDENTIAL

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

Imperial American Oil Corp.

Roberta #32-1

32-8-26 Sheridan, Ks

DST # 1

Toronto-LKC A

2005.06.27



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Imperial American Oil Corp.

Roberta #32-1

900N Tyler Rd#14
Wichita, Ks 67212

32-8-26 Sheridan, Ks

ATTN: IA Operating Inc

Job Ticket: 21639

DST#: 1

Test Start: 2005.06.27 @ 02:04:23

GENERAL INFORMATION:

Formation: **Toronto-LKC A**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 03:40:48
 Time Test Ended: 07:40:47
 Interval: **3701.00 ft (KB) To 3755.00 ft (KB) (TVD)**
 Total Depth: **3755.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Shane McBride**
 Unit No: **25**
 Reference Elevations: **2616.00 ft (KB)**
2611.00 ft (CF)
 KB to GR/CF: **5.00 ft**

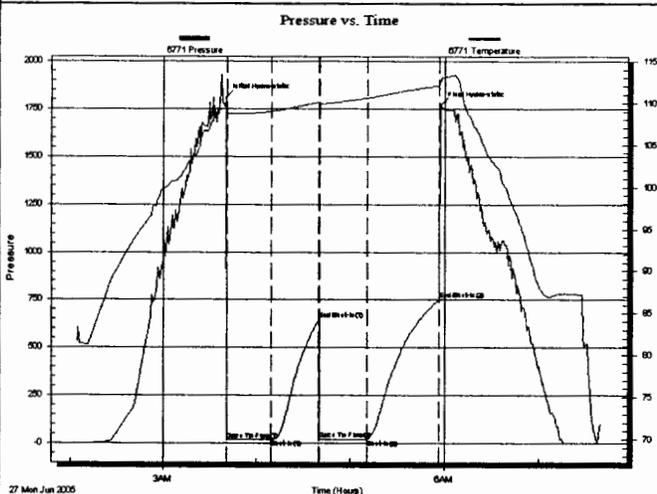
Serial #: 6771

Inside

Press@RunDepth: **22.20 psig @ 3702.00 ft (KB)**
 Start Date: **2005.06.27** End Date: **2005.06.27**
 Start Time: **02:04:23** End Time: **07:40:47**
 Capacity: **7000.00 psig**
 Last Calib.: **2005.06.27**
 Time On Btm: **2005.06.27 @ 03:40:33**
 Time Off Btm: **2005.06.27 @ 05:57:18**

TEST COMMENT: 1/4" in blow died in 22 min.

No return
 No blow
 No return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1808.34 | 109.35 | Initial Hydro-static |
| 1 | 17.72 | 108.82 | Open To Flow (1) |
| 29 | 20.00 | 108.98 | Shut-In(1) |
| 60 | 646.30 | 110.08 | End Shut-In(1) |
| 60 | 20.58 | 109.89 | Open To Flow (2) |
| 90 | 22.20 | 110.56 | Shut-In(2) |
| 136 | 749.82 | 112.09 | End Shut-In(2) |
| 137 | 1771.95 | 112.75 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 2.00 | mud 100% m | 0.01 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp.

Roberta #32-1

900N Tyler Rd#14
Wichita, Ks 67212

32-8-26 Sheridan, Ks

Job Ticket: 21639

DST#: 1

ATTN: IA Operating Inc

Test Start: 2005.06.27 @ 02:04:23

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3512.00 ft | Diameter: 3.80 inches | Volume: 49.26 bbl | Tool Weight: 1500.00 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: 185.00 ft | Diameter: 2.25 inches | Volume: 0.91 bbl | Weight to Pull Loose: 55000.00 lb |
| | | | <u>Total Volume: 50.17 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 16.00 ft | | | String Weight: Initial 40000.00 lb |
| Depth to Top Packer: | 3701.00 ft | | | Final 40000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 54.00 ft | | | |
| Tool Length: | 74.00 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 | | | 3682.00 | |
| Shut In Tool | 5.00 | | | 3687.00 | |
| Hydraulic tool | 5.00 | | | 3692.00 | |
| Packer | 5.00 | | | 3697.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 3701.00 | |
| Stubb | 1.00 | | | 3702.00 | |
| Recorder | 0.00 | 6771 | Inside | 3702.00 | |
| Perforations | 15.00 | | | 3717.00 | |
| Change Over Sub | 1.00 | | | 3718.00 | |
| Drill Pipe | 31.00 | | | 3749.00 | |
| Change Over Sub | 1.00 | | | 3750.00 | |
| Recorder | 0.00 | 11057 | Outside | 3750.00 | |
| Bullnose | 5.00 | | | 3755.00 | 54.00 Bottom Packers & Anchor |

Total Tool Length: 74.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Oil Corp.

Roberta #32-1

900N Tyler Rd#14
Wichita, Ks 67212

32-8-26 Sheridan, Ks

Job Ticket: 21639

DST#: 1

ATTN: IA Operating Inc

Test Start: 2005.06.27 @ 02:04:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

1500 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|-------------|----------------|
| 2.00 | mud 100%m | 0.010 |

Total Length:

2.00 ft

Total Volume:

0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

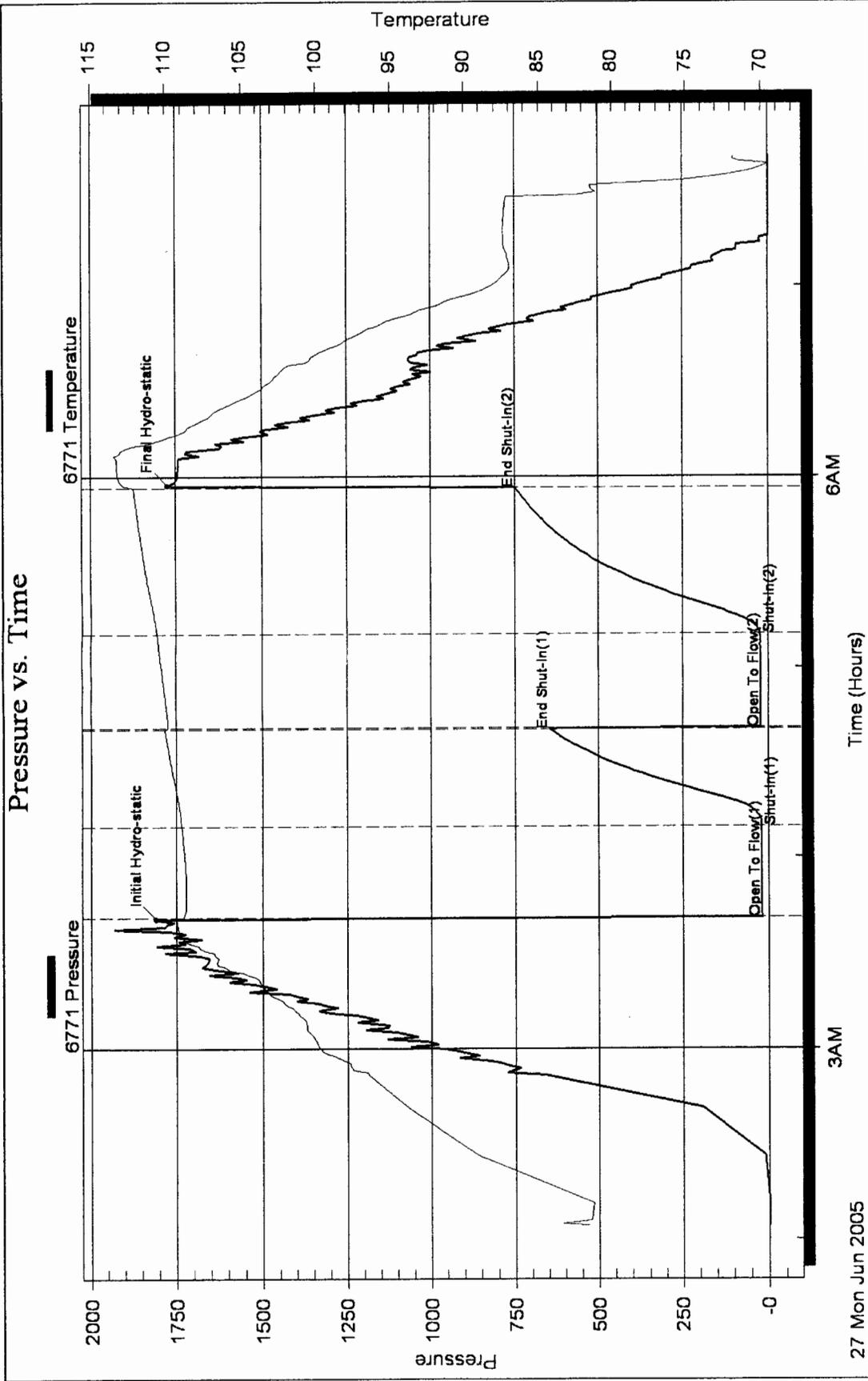
Serial #: 6771

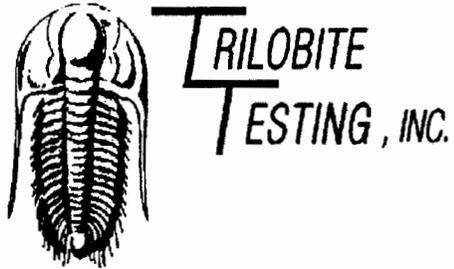
Inside

Imperial American Oil Corp.

32-8-26 Sheridan, Ks

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

900N Tyler Rd#14
Wichita, Ks 67212

ATTN: I A Operating Inc

32-8-26 Sheridan,Ks

Roberta #32-1

Start Date: 2005.06.27 @ 14:25:15

End Date: 2005.06.27 @ 21:17:00

Job Ticket #: 22847 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Imperial American Oil Corp.

Roberta #32-1

32-8-26 Sheridan,Ks

DST # 2

LKC - C-D

2005.06.27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Imperial American Oil Corp.

Roberta #32-1

900N Tyler Rd#14
Wichita, Ks 67212

32-8-26 Sheridan, Ks

ATTN: IA Operating Inc

Job Ticket: 22847

DST#: 2

Test Start: 2005.06.27 @ 14:25:15

GENERAL INFORMATION:

Formation: **LKC - C-D**

Deviated: **No Whipstock: ft (KB)**

Time Tool Opened: 16:16:45

Time Test Ended: 21:17:00

Test Type: **Conventional Bottom Hole**

Tester: **Michael**

Unit No: **15**

Interval: **3751.00 ft (KB) To 3800.00 ft (KB) (TVD)**

Reference Elevations: **2616.00 ft (KB)**

Total Depth: **3800.00 ft (KB) (TVD)**

2611.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: 5.00 ft

Serial #: 8166 Inside

Press@RunDepth: **99.74 psig @ 3761.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2005.06.27** End Date: **2005.06.27**

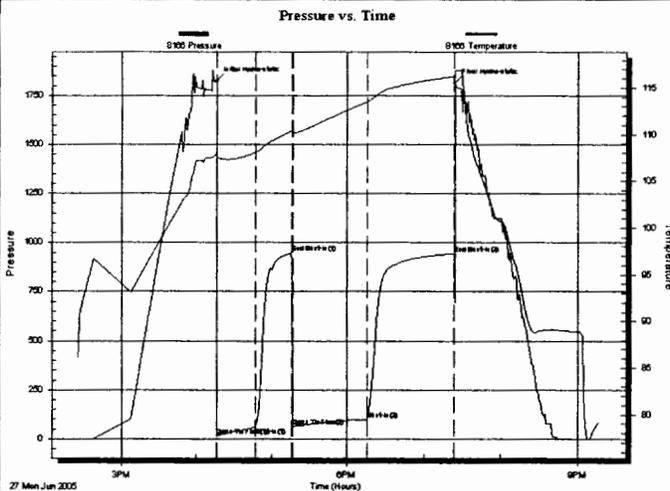
Last Calib.: **2005.06.27**

Start Time: **14:25:16** End Time: **21:17:00**

Time On Btm: **2005.06.27 @ 16:16:30**

Time Off Btm: **2005.06.27 @ 19:24:00**

TEST COMMENT: F- A Slow building to 4" after 30 min
IS- No blow back
FF- Slow building to 3 1/2 after 25 min stayed there
FS- No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1826.34 | 107.93 | Initial Hydro-static |
| 1 | 15.19 | 107.40 | Open To Flow (1) |
| 31 | 58.05 | 108.07 | Shut-In(1) |
| 60 | 945.59 | 110.41 | End Shut-In(1) |
| 61 | 61.80 | 110.18 | Open To Flow (2) |
| 119 | 99.74 | 113.52 | Shut-In(2) |
| 187 | 944.80 | 116.27 | End Shut-In(2) |
| 188 | 1817.60 | 116.76 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------------------|--------------|
| 60.00 | Water & Oil cut mud 20%w 20%m 60%o | 0.30 |
| 60.00 | Oil cut Mud 20%m 80%o | 0.30 |
| 75.00 | Mud cut oil 40%m 60%o | 0.46 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp.

Roberta #32-1

900N Tyler Rd#14
Wichita, Ks 67212

32-8-26 Sheridan, Ks

Job Ticket: 22847

DST#: 2

ATTN: IA Operating Inc

Test Start: 2005.06.27 @ 14:25:15

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3574.00 ft | Diameter: 3.80 inches | Volume: 50.13 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight set on Packer: 20000.00 lb |
| Drill Collar: | Length: 185.00 ft | Diameter: 2.25 inches | Volume: 0.91 bbl | Weight to Pull Loose: 45000.00 lb |
| | | | Total Volume: 51.04 bbl | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 29.00 ft | | | String Weight: Initial 40000.00 lb |
| Depth to Top Packer: | 3751.00 ft | | | Final 41000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 49.00 ft | | | |
| Tool Length: | 70.00 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 | | | 3731.00 | |
| Shut In Tool | 5.00 | | | 3736.00 | |
| Hydraulic tool | 5.00 | | | 3741.00 | |
| Packer | 5.00 | | | 3746.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3751.00 | |
| Blank Spacing | 1.00 | | | 3752.00 | |
| Perforations | 8.00 | | | 3760.00 | |
| Change Over Sub | 1.00 | | | 3761.00 | |
| Recorder | 0.00 | 8166 | Inside | 3761.00 | |
| Drill Pipe | 30.00 | | | 3791.00 | |
| Change Over Sub | 1.00 | | | 3792.00 | |
| Recorder | 0.00 | 10991 | Outside | 3792.00 | |
| Perforations | 5.00 | | | 3797.00 | |
| Bullnose | 3.00 | | | 3800.00 | 49.00 Bottom Packers & Anchor |

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Oil Corp.

Roberta #32-1

900N Tyler Rd#14
Wichita, Ks 67212

32-8-26 Sheridan, Ks

Job Ticket: 22847

DST#: 2

ATTN: IA Operating Inc

Test Start: 2005.06.27 @ 14:25:15

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: 7.99 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 |
|--------------|------------------------------------|---------------|
| 60.00 | Water & Oil cut mud 20%w 20%m 60%o | 0.295 |
| 60.00 | Oil cut Mud 20%m 80%o | 0.295 |
| 75.00 | Mud cut oil 40%m 60%o | 0.460 |

Total Length: 195.00 ft

Total Volume: 1.050 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

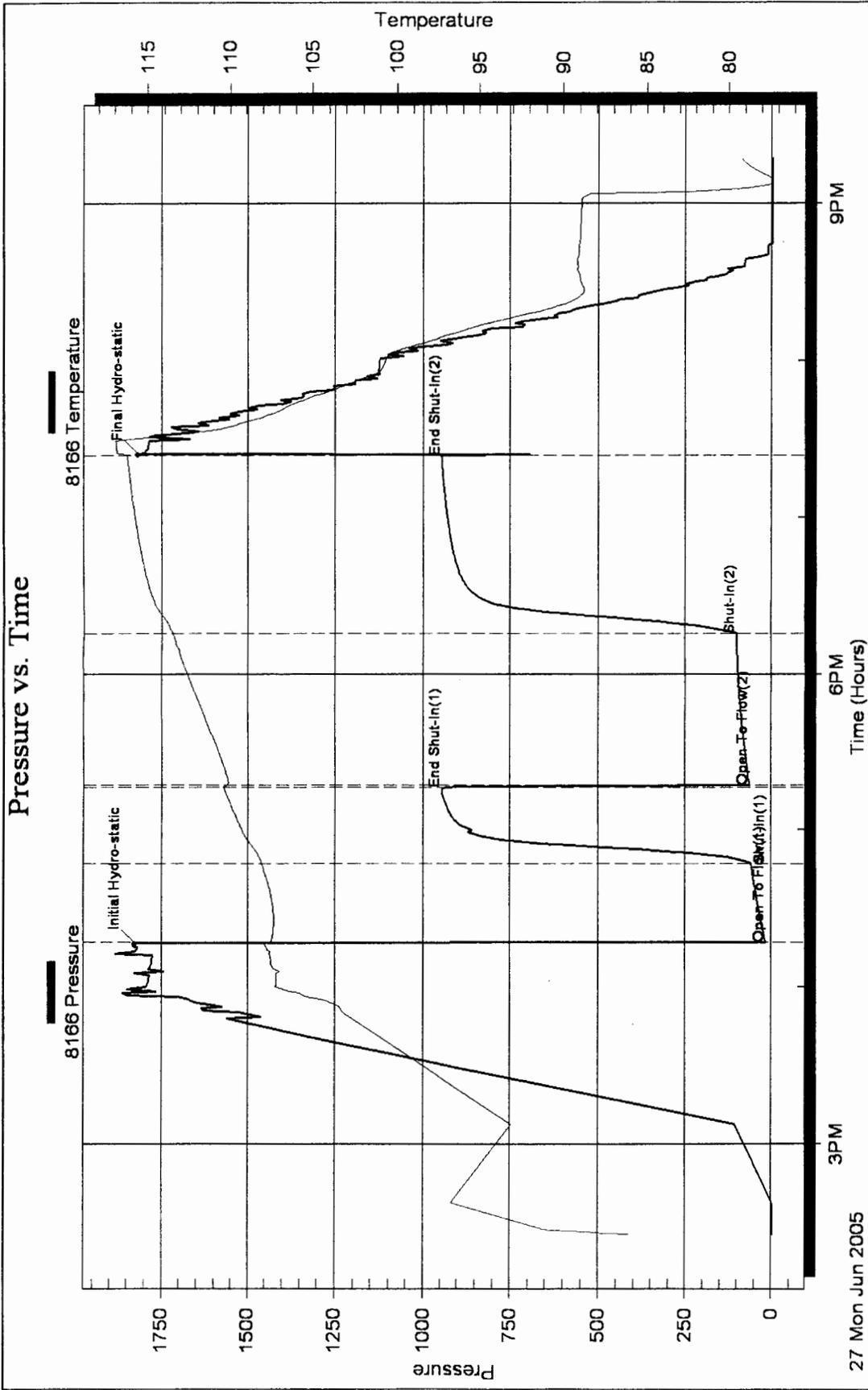
Serial #: 8166

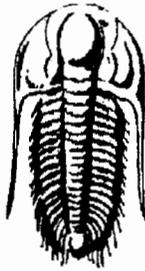
Inside

Imperial American Oil Corp.

32-8-26 Sheridan, Ks

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

900N Tyler Rd#14
Wichita, Ks 67212

ATTN: IA Operating Inc

32-8-26 Sheridan,Ks

Roberta #32-1

Start Date: 2005.06.28 @ 07:01:50

End Date: 2005.06.28 @ 14:51:05

Job Ticket #: 22848 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Imperial American Oil Corp.

Roberta #32-1

32-8-26 Sheridan,Ks

DST # 3

LKC-G-H

2005.06.28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Imperial American Oil Corp.

Roberta #32-1

900N Tyler Rd#14
Wichita, Ks 67212

32-8-26 Sheridan, Ks

Job Ticket: 22848

DST#: 3

ATTN: IA Operating Inc

Test Start: 2005.06.28 @ 07:01:50

GENERAL INFORMATION:

Formation: LKC- G-H

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:04:05

Time Test Ended: 14:51:05

Test Type: Conventional Bottom Hole

Tester: Michael

Unit No: 15

Interval: 3797.00 ft (KB) To 3875.00 ft (KB) (TVD)

Reference Elevations: 2616.00 ft (KB)

Total Depth: 3800.00 ft (KB) (TVD)

2611.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8166

Inside

Press@RunDepth: 218.84 psig @ 3804.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.06.28

End Date: 2005.06.28

Last Calib.: 2005.06.28

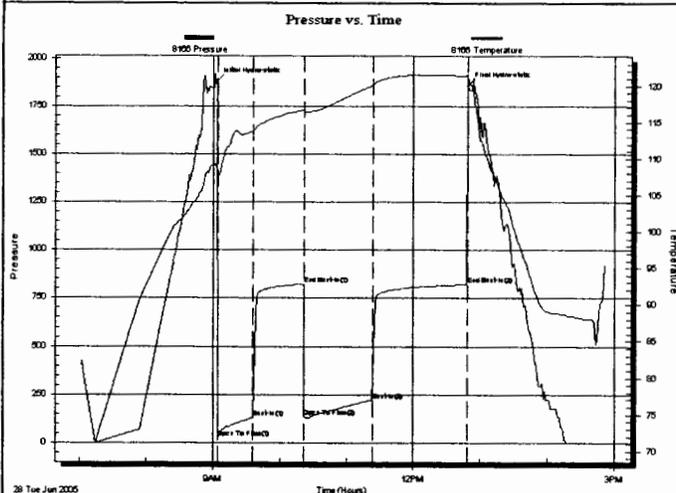
Start Time: 07:01:51

End Time: 14:51:05

Time On Btm: 2005.06.28 @ 09:03:50

Time Off Btm: 2005.06.28 @ 12:49:20

TEST COMMENT: F- Bottom of the bucket 10m
IS-2" blow back died 25 m
FF- Bottom of the bucket 12m
FS- 8 1/2 Blow back died 45 m



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1879.75 | 108.64 | Initial Hydro-static |
| 1 | 23.81 | 108.03 | Open To Flow (1) |
| 33 | 127.88 | 113.77 | Shut-In(1) |
| 78 | 823.34 | 116.67 | End Shut-In(1) |
| 78 | 135.10 | 116.47 | Open To Flow (2) |
| 140 | 218.84 | 120.05 | Shut-In(2) |
| 225 | 821.44 | 121.41 | End Shut-In(2) |
| 226 | 1857.58 | 121.59 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------------------|--------------|
| 180.00 | Salt water | 0.89 |
| 120.00 | water & mud cut oil 20%w 30%m 50%o | 1.64 |
| 192.00 | Clean gassey oil 25%g 75% o | 2.69 |
| 0.00 | 990 GIP | 0.00 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp.

Roberta #32-1

900N Tyler Rd#14
Wichita, Ks 67212

32-8-26 Sheridan, Ks

Job Ticket: 22848

DST#: 3

ATTN: IA Operating Inc

Test Start: 2005.06.28 @ 07:01:50

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3604.00 ft | Diameter: 3.80 inches | Volume: 50.55 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight set on Packer: 20000.00 lb |
| Drill Collar: | Length: 185.00 ft | Diameter: 2.25 inches | Volume: 0.91 bbl | Weight to Pull Loose: 50000.00 lb |
| | | | <u>Total Volume: 51.46 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 13.00 ft | | | String Weight: Initial 40000.00 lb |
| Depth to Top Packer: | 3797.00 ft | | | Final 44000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 78.00 ft | | | |
| Tool Length: | 99.00 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 | | | 3777.00 | |
| Shut In Tool | 5.00 | | | 3782.00 | |
| Hydraulic tool | 5.00 | | | 3787.00 | |
| Packer | 5.00 | | | 3792.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3797.00 | |
| Blank Spacing | 1.00 | | | 3798.00 | |
| Perforations | 5.00 | | | 3803.00 | |
| Change Over Sub | 1.00 | | | 3804.00 | |
| Recorder | 0.00 | 8166 | Inside | 3804.00 | |
| Drill Pipe | 62.00 | | | 3866.00 | |
| Change Over Sub | 1.00 | | | 3867.00 | |
| Recorder | 0.00 | 10991 | Outside | 3867.00 | |
| Perforations | 5.00 | | | 3872.00 | |
| Bullnose | 3.00 | | | 3875.00 | 78.00 Bottom Packers & Anchor |

Total Tool Length: 99.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Oil Corp.

Roberta #32-1

900N Tyler Rd#14
Wchita, Ks 67212

32-8-26 Sheridan, Ks

Job Ticket: 22848

DST#: 3

ATTN: IA Operating Inc

Test Start: 2005.06.28 @ 07:01:50

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 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 |
|--------------|------------------------------------|---------------|
| 180.00 | Salt water | 0.885 |
| 120.00 | water & mud cut oil 20%w 30%m 50%o | 1.638 |
| 192.00 | Clean gassey oil 25%g 75% o | 2.693 |
| 0.00 | 990 GIP | 0.000 |

Total Length: 492.00ft

Total Volume: 5.216 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

