

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Hess Oil Company**

PO Box 1009
McPherson KS 67460

ATTN: Jamie Hess

15 14 22 Trego KS

Augustine #1

Start Date: 2006.11.08 @ 14:23:38

End Date: 2006.11.08 @ 21:02:47

Job Ticket #: 25534 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

Hess Oil Company
PO Box 1009
McPherson KS 67460
ATTN: Jamie Hess

Augustine #1
15 14 22 Trego KS
Job Ticket: 25534 **DST#: 1**
Test Start: 2006.11.08 @ 14:23:38

GENERAL INFORMATION:

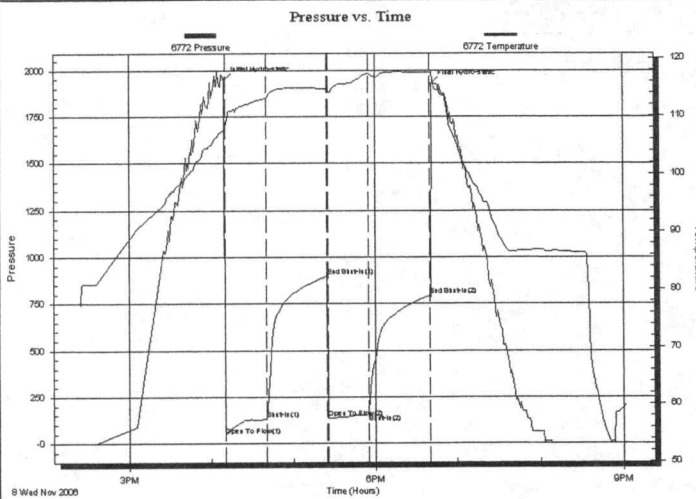
Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:10:33
Time Test Ended: 21:02:47
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Interval: **4060.00 ft (KB) To 4090.00 ft (KB) (TVD)**
Reference Elevations: 2215.00 ft (KB)
Total Depth: 4090.00 ft (KB) (TVD) 2210.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 6772

Inside

Press@RunDepth: 156.50 psig @ 4061.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.11.08 End Date: 2006.11.08 Last Calib.: 2006.11.08
Start Time: 14:23:38 End Time: 21:02:47 Time On Btm: 2006.11.08 @ 16:10:03
Time Off Btm: 2006.11.08 @ 18:41:02

TEST COMMENT: IF BOB in 23 min.
IS Surface blow died in 30 min.
FF BOB in 33 min.
FS Surface blow built to 1 in 45 min.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1948.16 | 107.36 | Initial Hydro-static |
| 1 | 40.79 | 107.16 | Open To Flow (1) |
| 30 | 129.54 | 113.04 | Shut-In(1) |
| 75 | 896.71 | 114.69 | End Shut-In(1) |
| 76 | 137.71 | 114.23 | Open To Flow (2) |
| 105 | 156.50 | 117.36 | Shut-In(2) |
| 150 | 793.54 | 117.54 | End Shut-In(2) |
| 151 | 1924.12 | 117.69 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 125.00 | MWCO 80%O 10%W 10%M | 0.61 |
| 125.00 | MWCO 85%O 5%W 10%M | 0.61 |
| 93.00 | MCO 80%O 20%M | 1.30 |
| 36.00 | Oil 100%O | 0.50 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hess Oil Company
PO Box 1009
McPherson KS 67460
ATTN: Jamie Hess

Augustine #1
15 14 22 Trego KS
Job Ticket: 25534 **DST#: 1**
Test Start: 2006.11.08 @ 14:23:38

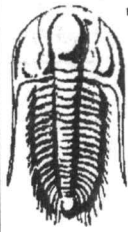
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3793.00 ft | Diameter: 3.80 inches | Volume: 53.21 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: 250.00 ft | Diameter: 2.25 inches | Volume: 1.23 bbl | Weight to Pull Loose: 75000.00 lb |
| | | | <u>Total Volume: 54.44 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 10.00 ft | | | String Weight: Initial 56000.00 lb |
| Depth to Top Packer: | 4060.00 ft | | | Final 57000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 30.00 ft | | | |
| Tool Length: | 57.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Stubb | 1.00 | | | 4034.00 | |
| Shut In Tool | 5.00 | | | 4039.00 | |
| Hydraulic tool | 5.00 | | | 4044.00 | |
| Jars | 5.00 | | | 4049.00 | |
| Safety Joint | 2.00 | | | 4051.00 | |
| Packer | 5.00 | | | 4056.00 | 27.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4060.00 | |
| Stubb | 1.00 | | | 4061.00 | |
| Recorder | 0.00 | 6772 | Inside | 4061.00 | |
| Perforations | 24.00 | | | 4085.00 | |
| Recorder | 0.00 | 7437 | Outside | 4085.00 | |
| Bullnose | 5.00 | | | 4090.00 | 30.00 Bottom Packers & Anchor |

Total Tool Length: 57.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Hess Oil Company
PO Box 1009
McPherson KS 67460

ATTN: Jamie Hess

Augustine #1
15 14 22 Trego KS
Job Ticket: 25534 **DST#: 1**
Test Start: 2006.11.08 @ 14:23:38

Mud and Cushion Information

| | | | | | |
|--------------|----------------------|-----------------------|------|-----------------|------------|
| Mud Type: | Gel Chem | Cushion Type: | | Oil API: | 38 deg API |
| Mud Weight: | 9.00 lb/gal | Cushion Length: | ft | Water Salinity: | 0 ppm |
| Viscosity: | 53.00 sec/qt | Cushion Volume: | bbbl | | |
| Water Loss: | 9.97 in ³ | Gas Cushion Type: | | | |
| Resistivity: | 0.00 ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 0.00 ppm | | | | |
| Filter Cake: | 0.00 inches | | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------|---------------|
| 125.00 | MWCO 80%O 10%W 10%M | 0.615 |
| 125.00 | MWCO 85%O 5%W 10%M | 0.615 |
| 93.00 | MCO 80%O 20%M | 1.305 |
| 36.00 | Oil 100%O | 0.505 |

Total Length: 379.00 ft Total Volume: 3.040 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6772

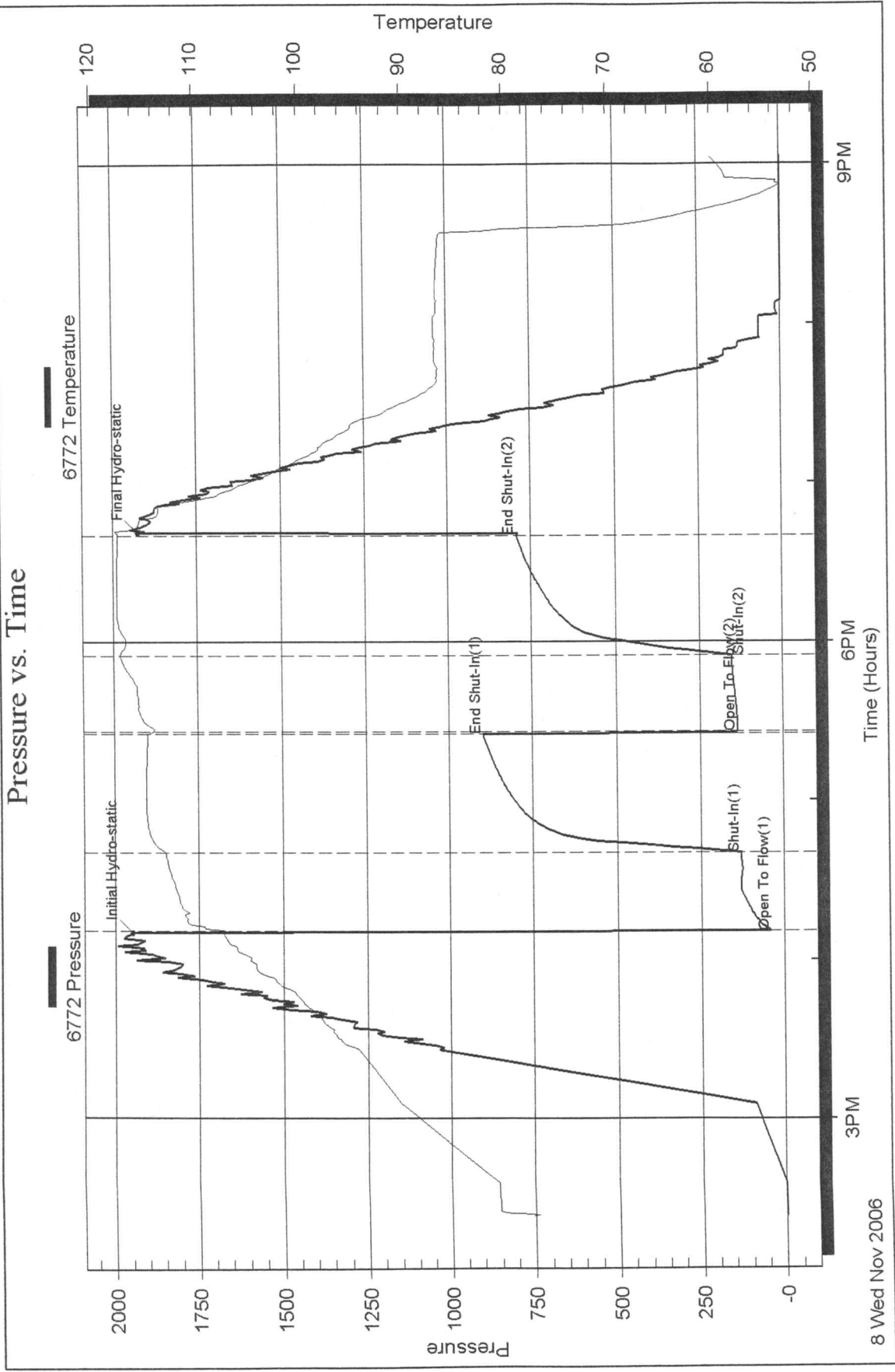
Inside

Hess Oil Company

15 14 22 Tregu KS

DST Test Number: 1

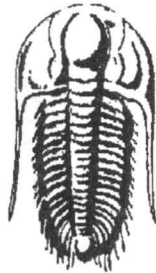
Pressure vs. Time



8 Wed Nov 2006

Trilobite Testing, Inc

Ref. No: 25534



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Hess Oil Company**

PO Box 1009
McPherson KS 67460

ATTN: Jamie Hess

15 14 22 Trego KS

Augustine #1

Start Date: 2006.11.09 @ 02:59:00

End Date: 2006.11.09 @ 07:36:09

Job Ticket #: 25535 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Hess Oil Company
PO Box 1009
McPherson KS 67460
ATTN: Jamie Hess

Augustine #1
15 14 22 Trego KS
Job Ticket: 25535 **DST#: 2**
Test Start: 2006.11.09 @ 02:59:00

GENERAL INFORMATION:

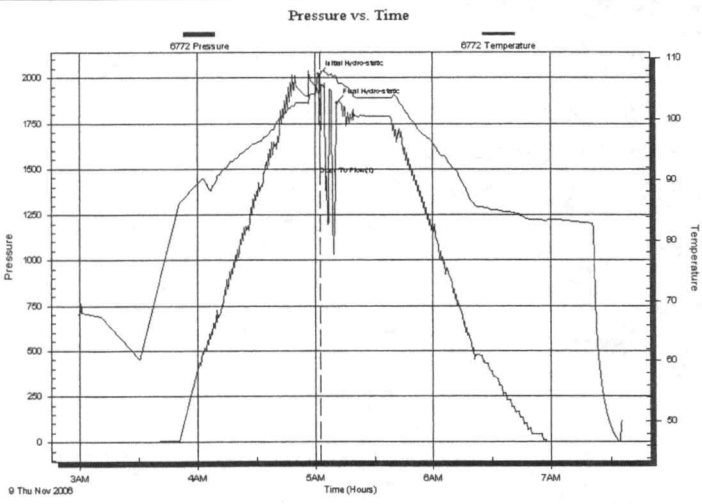
Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:02:10
Time Test Ended: 07:36:09
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Interval: **4100.00 ft (KB) To 4126.00 ft (KB) (TVD)**
Reference Elevations: 2215.00 ft (KB)
Total Depth: 4126.00 ft (KB) (TVD)
2210.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good
KB to GR/CF: 5.00 ft

Serial #: 6772

Inside

Press@RunDepth: psig @ 4101.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.11.09 End Date: 2006.11.09 Last Calib.: 2006.11.09
Start Time: 02:59:00 End Time: 07:36:09 Time On Btm: 2006.11.09 @ 05:01:40
Time Off Btm: 2006.11.09 @ 05:10:40

TEST COMMENT: Packers failed



PRESSURE SUMMARY

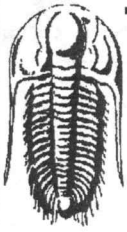
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2018.22 | 104.02 | Initial Hydro-static |
| 1 | 1465.34 | 106.93 | Open To Flow (1) |
| 9 | 1863.20 | 107.03 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 930.00 | Mud 100%M | 10.77 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hess Oil Company
PO Box 1009
McPherson KS 67460
ATTN: Jamie Hess

Augustine #1
15 14 22 Trego KS
Job Ticket: 25535 **DST#: 2**
Test Start: 2006.11.09 @ 02:59:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3856.00 ft | Diameter: 3.80 inches | Volume: 54.09 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: 250.00 ft | Diameter: 2.25 inches | Volume: 1.23 bbl | Weight to Pull Loose: 800000.0 lb |
| | | | <u>Total Volume: 55.32 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 33.00 ft | | | String Weight: Initial 56000.00 lb |
| Depth to Top Packer: | 4100.00 ft | | | Final 58000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 26.00 ft | | | |
| Tool Length: | 53.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|------------------------------------|
| Stubb | 1.00 | | | 4074.00 | |
| Shut In Tool | 5.00 | | | 4079.00 | |
| Hydraulic tool | 5.00 | | | 4084.00 | |
| Jars | 5.00 | | | 4089.00 | |
| Safety Joint | 2.00 | | | 4091.00 | |
| Packer | 5.00 | | | 4096.00 | 27.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4100.00 | |
| Stubb | 1.00 | | | 4101.00 | |
| Recorder | 0.00 | 6772 | Inside | 4101.00 | |
| Perforations | 20.00 | | | 4121.00 | |
| Recorder | 0.00 | 7437 | Outside | 4121.00 | |
| Bullnose | 5.00 | | | 4126.00 | 26.00 Bottom Packers & Anchor |

Total Tool Length: 53.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Hess Oil Company
PO Box 1009
McPherson KS 67460
ATTN: Jamie Hess

Augustine #1
15 14 22 Trego KS
Job Ticket: 25535 **DST#: 2**
Test Start: 2006.11.09 @ 02:59:00

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: | 0 ppm |
| Viscosity: | 53.00 sec/qt | Cushion Volume: | bbbl | | |
| Water Loss: | 9.96 in ³ | Gas Cushion Type: | | | |
| Resistivity: | 0.00 ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 0.00 ppm | | | | |
| Filter Cake: | 0.00 inches | | | | |

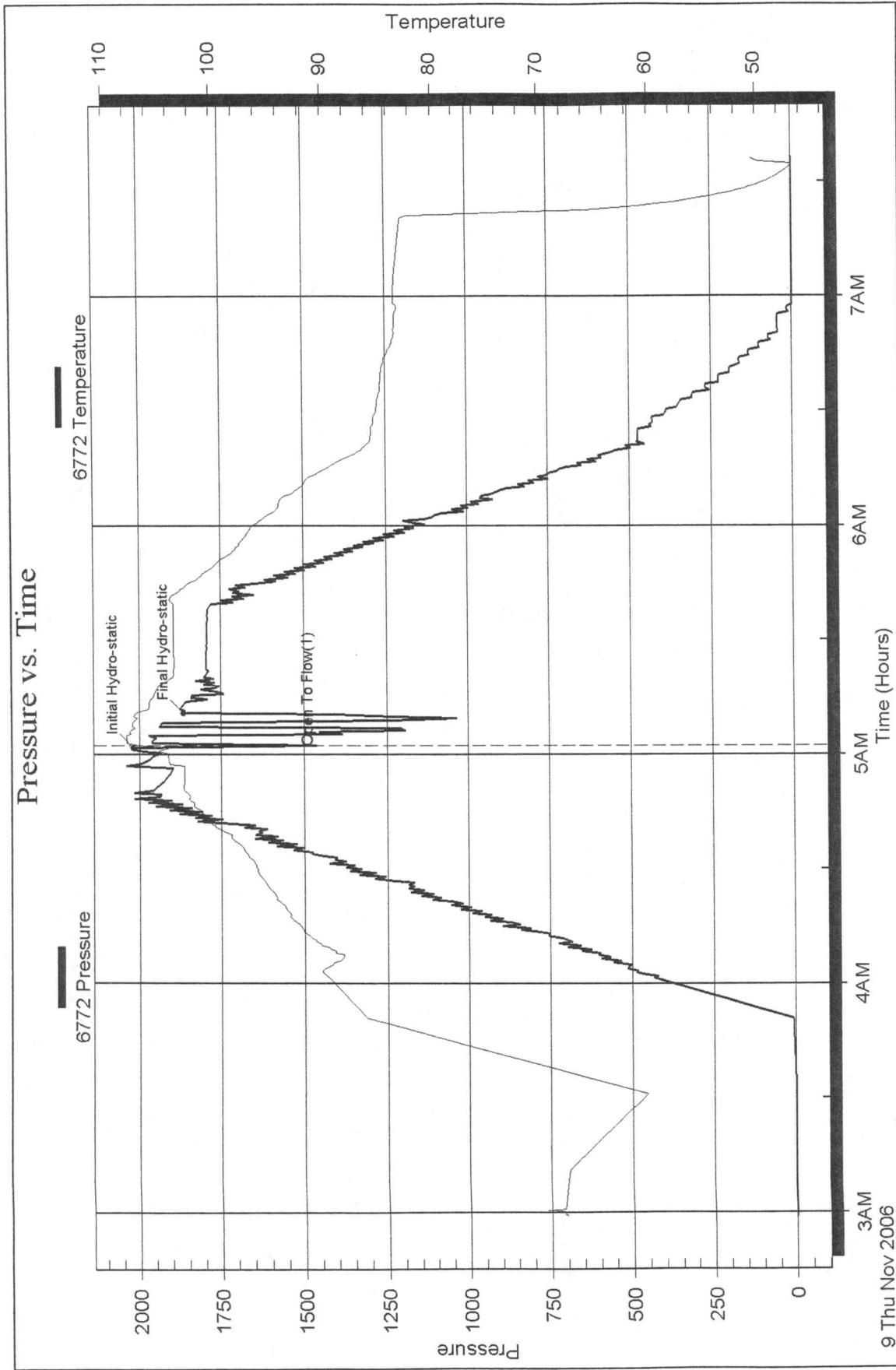
Recovery Information

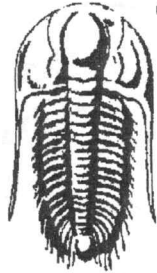
Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 930.00 | Mud 100%M | 10.768 |

Total Length: 930.00 ft Total Volume: 10.768 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

Prepared For: **Hess Oil Company**

PO Box 1009
McPherson KS 67460

ATTN: Jamie Hess

15 14 22 Trego KS

Augustine #1

Start Date: 2006.11.09 @ 07:42:58

End Date: 2006.11.09 @ 11:53:38

Job Ticket #: 25536 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Hess Oil Company
PO Box 1009
McPherson KS 67460
ATTN: Jamie Hess

Augustine #1
15 14 22 Trego KS
Job Ticket: 25536 **DST#: 3**
Test Start: 2006.11.09 @ 07:42:58

GENERAL INFORMATION:

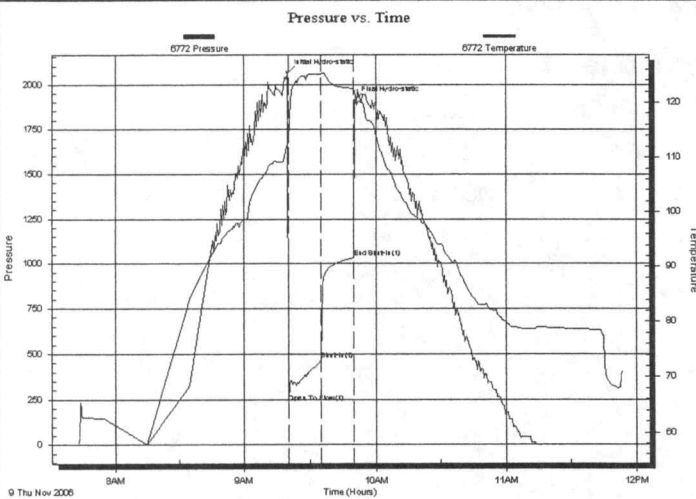
Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:20:08
Time Test Ended: 11:53:38
Interval: **4110.00 ft (KB) To 4126.00 ft (KB) (TVD)**
Total Depth: 4126.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 2215.00 ft (KB)
2210.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6772

Inside

Press@RunDepth: 465.31 psig @ 4111.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.11.09 End Date: 2006.11.09 Last Calib.: 2006.11.09
Start Time: 07:42:58 End Time: 11:53:38 Time On Btm: 2006.11.09 @ 09:19:53
Time Off Btm: 2006.11.09 @ 09:50:38

TEST COMMENT: IF BOB in 1 1/2 min.
IS No return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2062.19 | 112.27 | Initial Hydro-static |
| 1 | 230.34 | 112.58 | Open To Flow (1) |
| 16 | 465.31 | 125.16 | Shut-In (1) |
| 31 | 1032.63 | 122.53 | End Shut-In (1) |
| 31 | 1911.43 | 122.00 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------|--------------|
| 746.00 | MCW 95%W 5%M | 8.19 |
| 134.00 | Mud 100%M | 1.88 |
| | | |
| | | |
| | | |

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hess Oil Company

Augustine #1

PO Box 1009
McPherson KS 67460

15 14 22 Trego KS

Job Ticket: 25536

DST#: 3

ATTN: Jamie Hess

Test Start: 2006.11.09 @ 07:42:58

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3856.00 ft | Diameter: 3.80 inches | Volume: 54.09 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: 250.00 ft | Diameter: 2.25 inches | Volume: 1.23 bbl | Weight to Pull Loose: 85000.00 lb |
| | | | <u>Total Volume: 55.32 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 23.00 ft | | | String Weight: Initial 56000.00 lb |
| Depth to Top Packer: | 4110.00 ft | | | Final 59000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 16.00 ft | | | |
| Tool Length: | 43.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Stubb | 1.00 | | | 4084.00 | |
| Shut In Tool | 5.00 | | | 4089.00 | |
| Hydraulic tool | 5.00 | | | 4094.00 | |
| Jars | 5.00 | | | 4099.00 | |
| Safety Joint | 2.00 | | | 4101.00 | |
| Packer | 5.00 | | | 4106.00 | 27.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4110.00 | |
| Stubb | 1.00 | | | 4111.00 | |
| Recorder | 0.00 | 6772 | Inside | 4111.00 | |
| Perforations | 10.00 | | | 4121.00 | |
| Recorder | 0.00 | 7437 | Outside | 4121.00 | |
| Bullnose | 5.00 | | | 4126.00 | 16.00 Bottom Packers & Anchor |

Total Tool Length: 43.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Hess Oil Company
PO Box 1009
McPherson KS 67460
ATTN: Jamie Hess

Augustine #1
15 14 22 Trego KS
Job Ticket: 25536 **DST#: 3**
Test Start: 2006.11.09 @ 07:42:58

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: 15000 ppm |
| Viscosity: 53.00 sec/qt | Cushion Volume: bbl | |
| Water Loss: 9.95 in ³ | Gas Cushion Type: | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | |
| Salinity: 0.00 ppm | | |
| Filter Cake: 0.00 inches | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------|---------------|
| 746.00 | MCW 95%W 5%M | 8.187 |
| 134.00 | Mud 100%M | 1.880 |

Total Length: 880.00 ft Total Volume: 10.067 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6772

Inside

Hess Oil Company

15 14 22 Trego KS

DST Test Number: 3

Pressure vs. Time

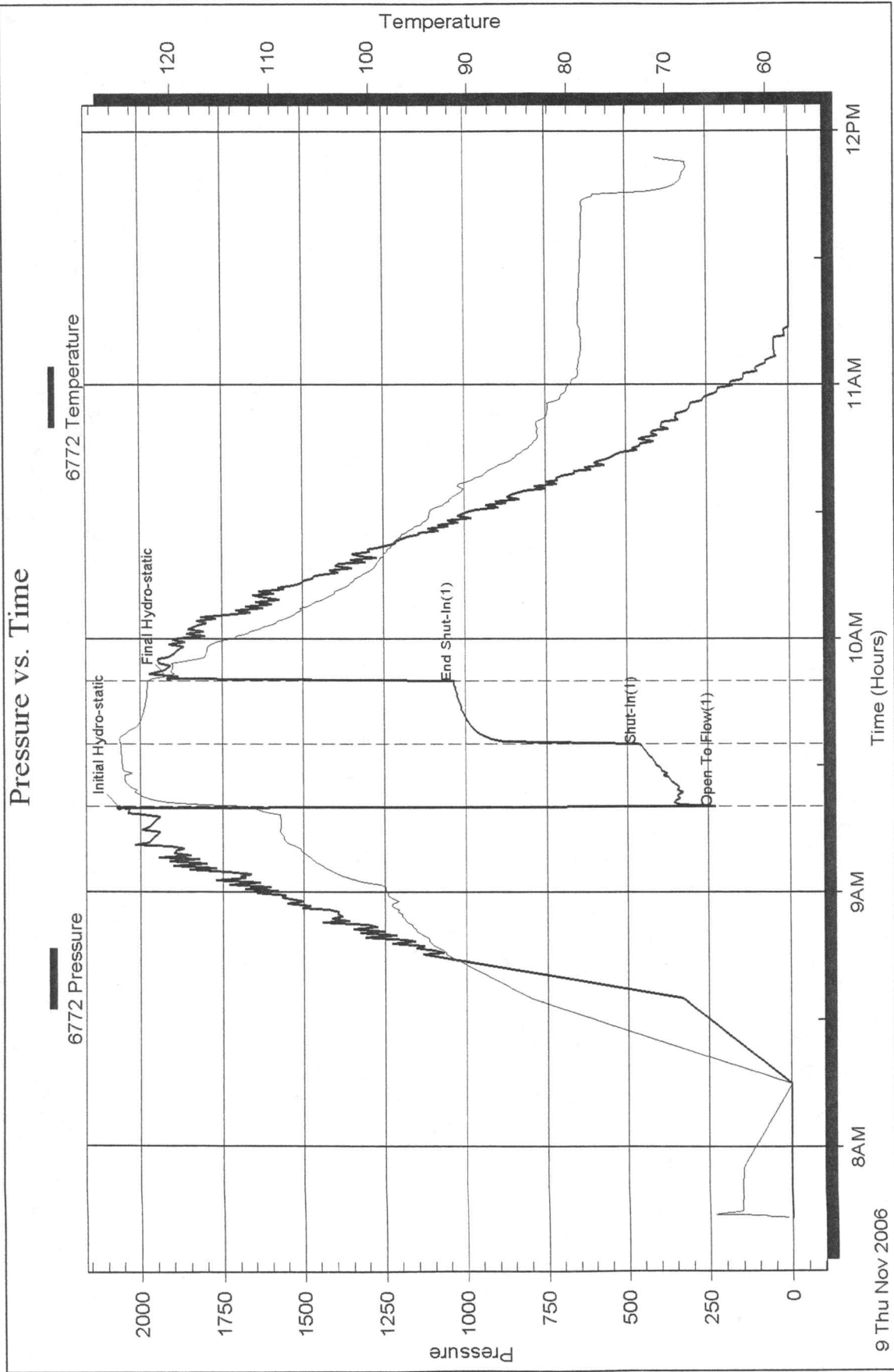
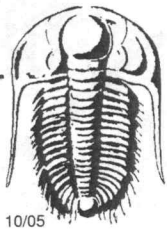


CHART PAGE

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

2437 Hess Oil company
#1 Augustine #1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25535

Test Ticket

Well Name & No. Augustine #1 Test No. 2 Date 11-9-06
 Company Hess oil company Zone Tested Cherokee
 Address P.O. Box 1009 McPherson, KS 67460 Elevation 2215 KB 2210 GL
 Co. Rep / Geo. Jamie Hess Rig M4/1/1rd
 Location: Sec. 15 Twp. 14 Rge. 22 Co. Trego State KS
 Comment: _____ Release date / time: _____

Interval Tested 4100 4126 Initial Str Wt./Lbs. 56,000 Unseated Str Wt./Lbs. 58,000
 Anchor Length _____ 26 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth _____ 4095 Tool Weight 1500
 Bottom Packer Depth _____ 4100 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4026 Wt. Pipe Run _____ Drill Collar Run 250
 Mud Wt. 9.2 LCM 0 Vis. 53 WL 10 Drill Pipe Size 4 1/2 x 4 Ft. Run 3856
 Blow Description Packer failed

Recovery - Total Feet 930 GIP _____ Ft. in DC 250 Ft. in DP 680
 Rec. 930 Feet of mud %gas _____ %oil _____ %water 100 %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 106 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

| | AK-1 | Alpine | Recorder No. | Test x |
|----------------------------------|------|-----------------|-----------------------|-------------------------|
| (A) Initial Hydrostatic Mud | | <u>2023</u> PSI | <u>6772</u> | <u>1000.00</u> |
| (B) First Initial Flow Pressure | | <u>1465</u> PSI | <u>4101</u> | Jars x <u>250.00</u> |
| (C) First Final Flow Pressure | | _____ PSI | <u>7437</u> | Safety J x <u>75.00</u> |
| (D) Initial Shut-In Pressure | | _____ PSI | <u>4125</u> | Circ Sub x <u>NIL</u> |
| (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 _____ | Ext. Packer _____ |
| (Q) Final Hydrostatic Mud | | <u>1863</u> PSI | Initial Shut-In _____ | Shale Packer _____ |

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____
 Our Representative [Signature]

| | | | |
|---------------|-------------|---------------|-------------|
| Final Flow | _____ | Ruined Packer | _____ |
| Final Shut-In | _____ | Mileage | <u>225</u> |
| T-On Location | <u>2:00</u> | Sub Total: | <u>1550</u> |
| T-Started | <u>2:58</u> | Std. By | _____ |
| T-Open | <u>5:01</u> | Acc. Chg: | _____ |
| T-Pulled | <u>5:05</u> | Other: | _____ |
| T-Out | <u>7:40</u> | Total: | _____ |

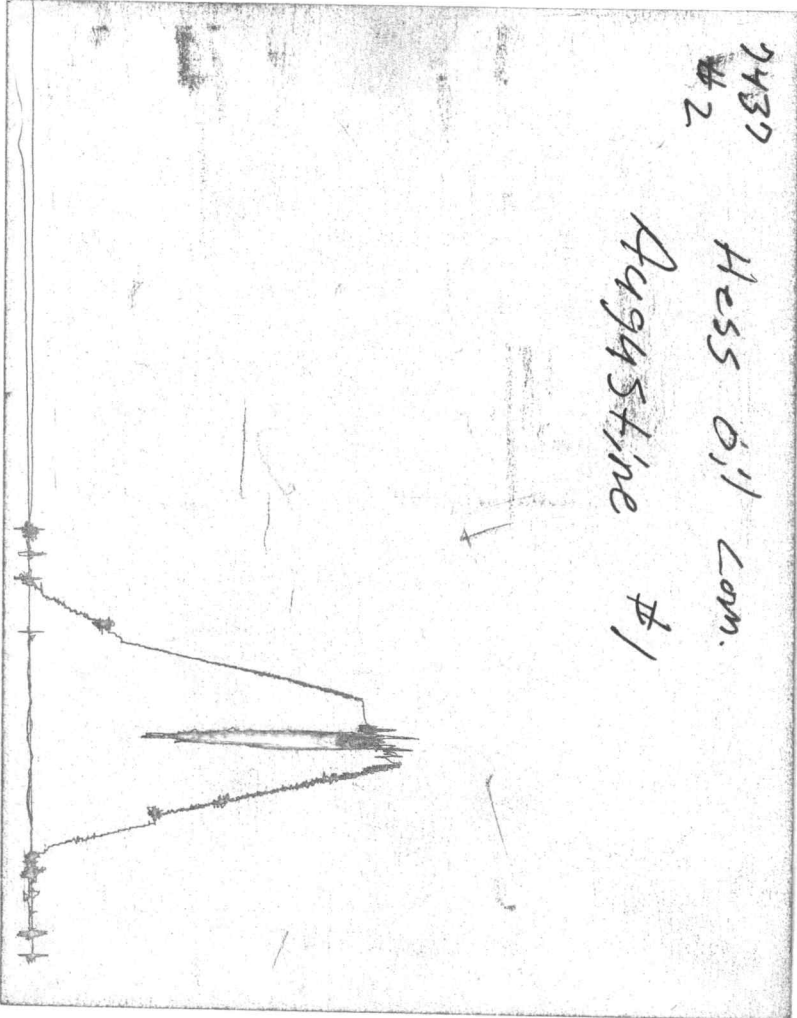
CHART PAGE

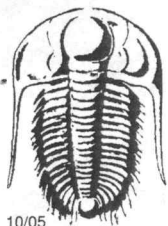
This is a photocopy of the actual AK-1 recorder chart.

7437
#2

Hess Oil Com.

Augustine #1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25536

Test Ticket

Well Name & No. Augustine #1 Test No. 3 Date 11-9-06
 Company Hess oil company Zone Tested Cherokee
 Address P.O. Box 1009 McPerson, KS 67460 Elevation 2215 KB 2210 GL
 Co. Rep / Geo. Jamie Hess Rig Mallard
 Location: Sec. 15 Twp. 14 Rge. 22 Co. Trego State KS
 Comment: _____ Release date / time: _____

Interval Tested 4110 4126 Initial Str Wt./Lbs. 56,000 Unseated Str Wt./Lbs. 59,000
 Anchor Length _____ 16 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 85,000
 Top Packer Depth _____ 4105 Tool Weight 1500
 Bottom Packer Depth _____ 4110 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4126 Wt. Pipe Run _____ Drill Collar Run 250
 Mud Wt. 9.2 LCM 0 Vis. 53 WL 10 Drill Pipe Size 4 1/2 x H Ft. Run 3856
 Blow Description IFI BOB 1 1/2 min.
ISI NO return.

Recovery - Total Feet 880 GIP — Ft. in DC 250 Ft. in DP 630
 Rec. 134 Feet of mud %gas _____ %oil _____ %water 100 %mud
 Rec. 746 Feet of mlw %gas _____ %oil _____ %water 95 %mud 5
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 BHT 122 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 1.5 @ 60 °F Chlorides 15000 ppm Recovery 15000 Chlorides _____ ppm System

| | | | | | | | |
|----------------------------------|------|--------|-----------------|-----------------|--------------|---------------|----------------|
| (A) Initial Hydrostatic Mud | AK-1 | Alpine | 2062 PSI | Recorder No. | <u>6772</u> | Test x | <u>1200.00</u> |
| (B) First Initial Flow Pressure | | | <u>230</u> PSI | (depth) | <u>4111</u> | Jars x | <u>250.00</u> |
| (C) First Final Flow Pressure | | | <u>465</u> PSI | Recorder No. | <u>7437</u> | Safety Jt. x | <u>75.00</u> |
| (D) Initial Shut-In Pressure | | | <u>1032</u> PSI | (depth) | <u>4125</u> | Circ Sub x | <u>N/C</u> |
| (E) Second Initial Flow Pressure | | | <u>—</u> PSI | Recorder No. | | Sampler | |
| (F) Second Final Flow Pressure | | | <u>—</u> PSI | (depth) | | Straddle | |
| (G) Final Shut-In Pressure | | | <u>—</u> PSI | Initial Opening | <u>15</u> | Ext. Packer | |
| (Q) Final Hydrostatic Mud | | | <u>2032</u> PSI | Initial Shut-In | <u>15</u> | Shale Packer | |
| | | | | Final Flow | <u>—</u> | Ruined Packer | <u>*200.00</u> |
| | | | | Final Shut-In | <u>—</u> | Mileage x | <u>0.5</u> |
| | | | | T-On Location | <u>7:46</u> | Sub Total: | <u>\$1725</u> |
| | | | | T-Started | <u>7:42</u> | Std. By | |
| | | | | T-Open | <u>9:19</u> | Acc. Chg: | |
| | | | | T-Pulled | <u>9:49</u> | Other: | |
| | | | | T-Out | <u>11:55</u> | Total: | |

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Approved By [Signature]
 Our Representative [Signature]

CHART PAGE

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

