

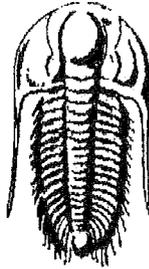
CONFIDENTIAL

15-033-21341-00-00
28-32s-19w
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior, inc.**

PO Box 399
Garden City, Kansas.
67846-0399

ATTN: Alan Downing

28-32S-19W Comanche

Bird #3-28

Start Date: 2002.12.20 @ 20:29:07

End Date: 2002.12.21 @ 04:45:37

Job Ticket #: 16602 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

American Warrior, Inc.

Bird #3-28

28-32S-19W Comanche

DST # 1

Mississippian

2002.12.20



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, inc.

Bird #3-28

PO Box 399
Garden City, Kansas.
67846-0399
ATTN: Alan Downing

28-32S-19W Comanche

Job Ticket: 16602 **DST#: 1**

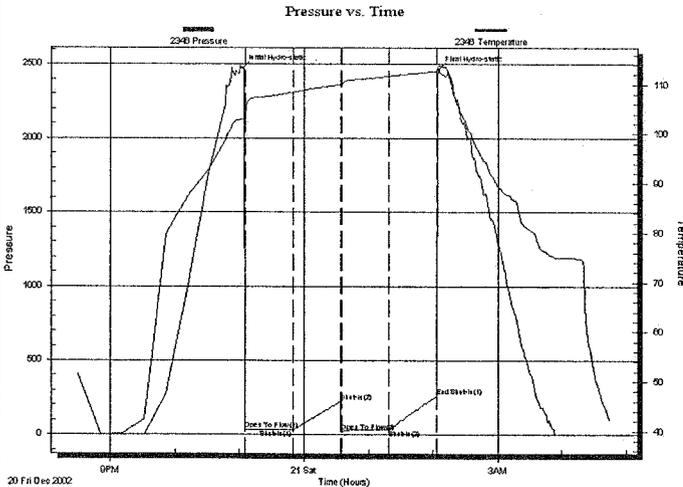
Test Start: 2002.12.20 @ 20:29:07

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 23:04:37 Tester: Darren L. Amerine
 Time Test Ended: 04:45:37 Unit No: 19
 Interval: **5050.00 ft (KB) To 5175.00 ft (KB) (TVD)** Reference Elevations: 1966.00 ft (KB)
 Total Depth: 5175.00 ft (KB) (TVD) 1953.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

Serial #: 2346 Inside
 Press@RunDepth: 35.00 psig @ 5051.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2002.12.20 End Date: 2002.12.21 Last Calib.: 2002.12.21
 Start Time: 20:30:09 End Time: 04:45:37 Time On Btm: 2002.12.20 @ 23:02:37
 Time Off Btm: 2002.12.21 @ 02:05:37

TEST COMMENT: IF: Strong blow n built to b.o.b in 70 sec.
 IS: Bled down n for 5 mins. no blow back.
 FF: Strong blow b.o.b in 10 sec.
 FS: Bled down n for 10 mins. no blow back.



PRESSURE SUMMARY

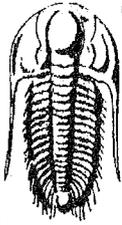
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2470.78 | 103.04 | Initial Hydro-static |
| 2 | 37.23 | 103.53 | Open To Flow (1) |
| 47 | 35.00 | 108.47 | Shut-In(1) |
| 92 | 225.95 | 110.02 | Shut-In(2) |
| 93 | 21.49 | 110.08 | Open To Flow (2) |
| 137 | 33.21 | 111.73 | Shut-In(3) |
| 181 | 258.72 | 112.73 | End Shut-In(1) |
| 183 | 2461.45 | 113.85 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 1800.00 | 01 - Gas | 21.72 |
| 60.00 | Gas cut mud | 0.84 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, inc.

Bird #3-28

PO Box 399
Garden City, Kansas.
67846-0399

28-32S-19W Comanche

Job Ticket: 16602 **DST#: 1**

ATTN: Alan Downing

Test Start: 2002.12.20 @ 20:29:07

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4655.00 ft | Diameter: 3.80 inches | Volume: 65.30 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: 387.00 ft | Diameter: 2.25 inches | Volume: 1.90 bbl | Weight to Pull Loose: 91000.00 lb |
| | | | <u>Total Volume: 67.20 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 20.00 ft | | | String Weight: Initial 81000.00 lb |
| Depth to Top Packer: | 5050.00 ft | | | Final 81000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 125.00 ft | | | |
| Tool Length: | 153.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------------|
| C.O. Sub | 1.00 | | | 5023.00 | |
| S.I. Tool | 5.00 | | | 5028.00 | |
| HMV | 5.00 | | | 5033.00 | |
| Jars | 5.00 | | | 5038.00 | |
| Safety Joint | 2.00 | | | 5040.00 | |
| Packer | 5.00 | | | 5045.00 | 28.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 5050.00 | |
| Stubb | 1.00 | | | 5051.00 | |
| Recorder | 0.00 | 2346 | Inside | 5051.00 | |
| Anchor | 27.00 | | | 5078.00 | |
| Recorder | 0.00 | 10991 | Outside | 5078.00 | |
| Blank Spacing | 93.00 | | | 5171.00 | |
| Bullnose | 4.00 | | | 5175.00 | 125.00 Bottom Packers & Anchor |

Total Tool Length: 153.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, inc.
PO Box 399
Garden City, Kansas.
67846-0399
ATTN: Alan Downing

Bird #3-28
28-32S-19W Comanche
Job Ticket: 16602 **DST#: 1**
Test Start: 2002.12.20 @ 20:29:07

Mud and Cushion Information

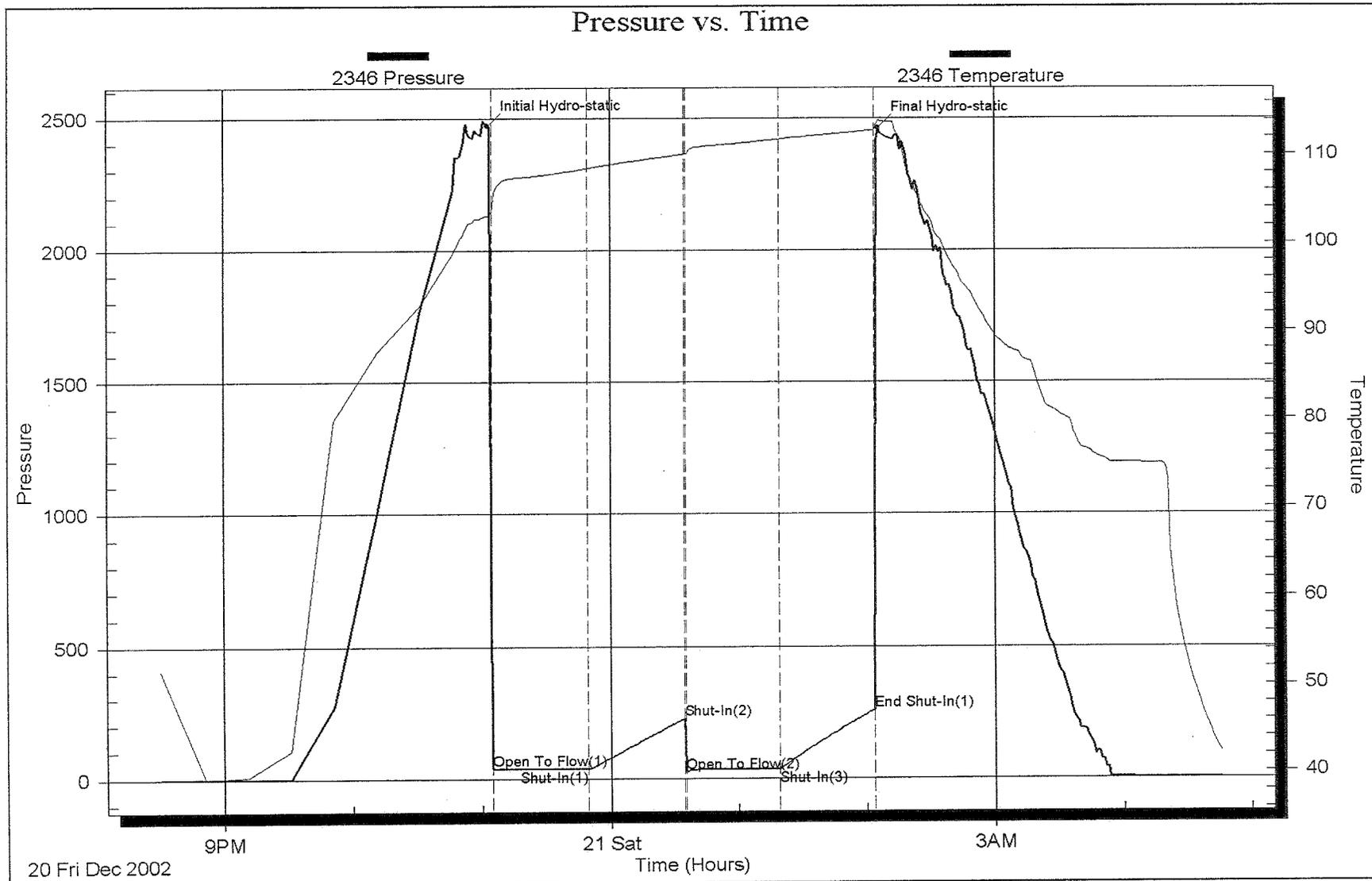
| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 55.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 5.98 in ³ | Gas Cushion Type: | | |
| Resistivity: 1.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 3500.00 ppm | | | |
| Filter Cake: 0.32 inches | | | |

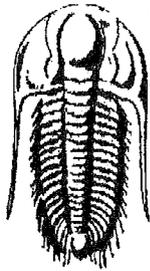
Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 1800.00 | 01 - Gas | 21.724 |
| 60.00 | Gas cut mud | 0.842 |

Total Length: 1860.00 ft Total Volume: 22.566 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior, inc.**

PO Box 399
Garden City, Kansas.
67846-0399

ATTN: Alan Downing

28-32S-19W Comanche

Bird #3-28

Start Date: 2002.12.28 @ 10:23:59

End Date: 2002.12.28 @ 18:48:59

Job Ticket #: 16727 DST #: 2

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

American Warrior, inc.

Bird #3-28

28-32S-19W Comanche

DST # 2

Viola

2002.12.28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, inc.

Bird #3-28

PO Box 399
Garden City, Kansas.
67846-0399

28-32S-19W Comanche

Job Ticket: 16727

DST#: 2

ATTN: Alan Downing

Test Start: 2002.12.28 @ 10:23:59

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 5431.00 ft | Diameter: 3.80 inches | Volume: 76.18 bbl | Tool Weight: 2800.00 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: 390.00 ft | Diameter: 2.25 inches | Volume: 1.92 bbl | Weight to Pull Loose: 85000.00 lb |
| | | | <u>Total Volume: 78.10 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 31.00 ft | | | String Weight: Initial 77000.00 lb |
| Depth to Top Packer: | 5818.00 ft | | | Final 77000.00 lb |
| Depth to Bottom Packer: | 5845.02 ft | | | |
| Interval between Packers: | 27.02 ft | | | |
| Tool Length: | 163.03 ft | | | |
| Number of Packers: | 3 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|--------------------------------|
| Change Over Sub | 1.00 | | | 5791.00 | |
| Shut In Tool | 5.00 | | | 5796.00 | |
| Hydraulic tool | 5.00 | | | 5801.00 | |
| Jars | 5.00 | | | 5806.00 | |
| Safety Joint | 2.00 | | | 5808.00 | |
| Packer | 5.00 | | | 5813.00 | 28.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 5818.00 | |
| Stubb | 1.00 | | | 5819.00 | |
| Recorder | 0.01 | 13547 | Outside | 5819.01 | |
| Perforations | 5.00 | | | 5824.01 | |
| Recorder | 0.01 | 3024 | Inside | 5824.02 | |
| Perforations | 18.00 | | | 5842.02 | |
| Blank Off Sub | 1.00 | | | 5843.02 | |
| Blank Spacing | 2.00 | | | 5845.02 | 27.02 Tool Interval |
| Packer | 5.00 | | | 5850.02 | |
| Stubb | 1.00 | | | 5851.02 | |
| Perforations | 3.00 | | | 5854.02 | |
| Change Over Sub | 1.00 | | | 5855.02 | |
| Recorder | 0.01 | 11085 | Below | 5855.03 | |
| Blank Spacing | 94.00 | | | 5949.03 | |
| Change Over Sub | 1.00 | | | 5950.03 | |
| Bullnose | 3.00 | | | 5953.03 | 108.01 Bottom Packers & Anchor |

Total Tool Length: 163.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, inc.

Bird #3-28

PO Box 399
Garden City, Kansas.
67846-0399

28-32S-19W Comanche

Job Ticket: 16727 **DST#: 2**

ATTN: Alan Downing

Test Start: 2002.12.28 @ 10:23:59

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 78.00 sec/qt
Water Loss: 9.25 in³
Resistivity: ohm.m
Salinity: 12000.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

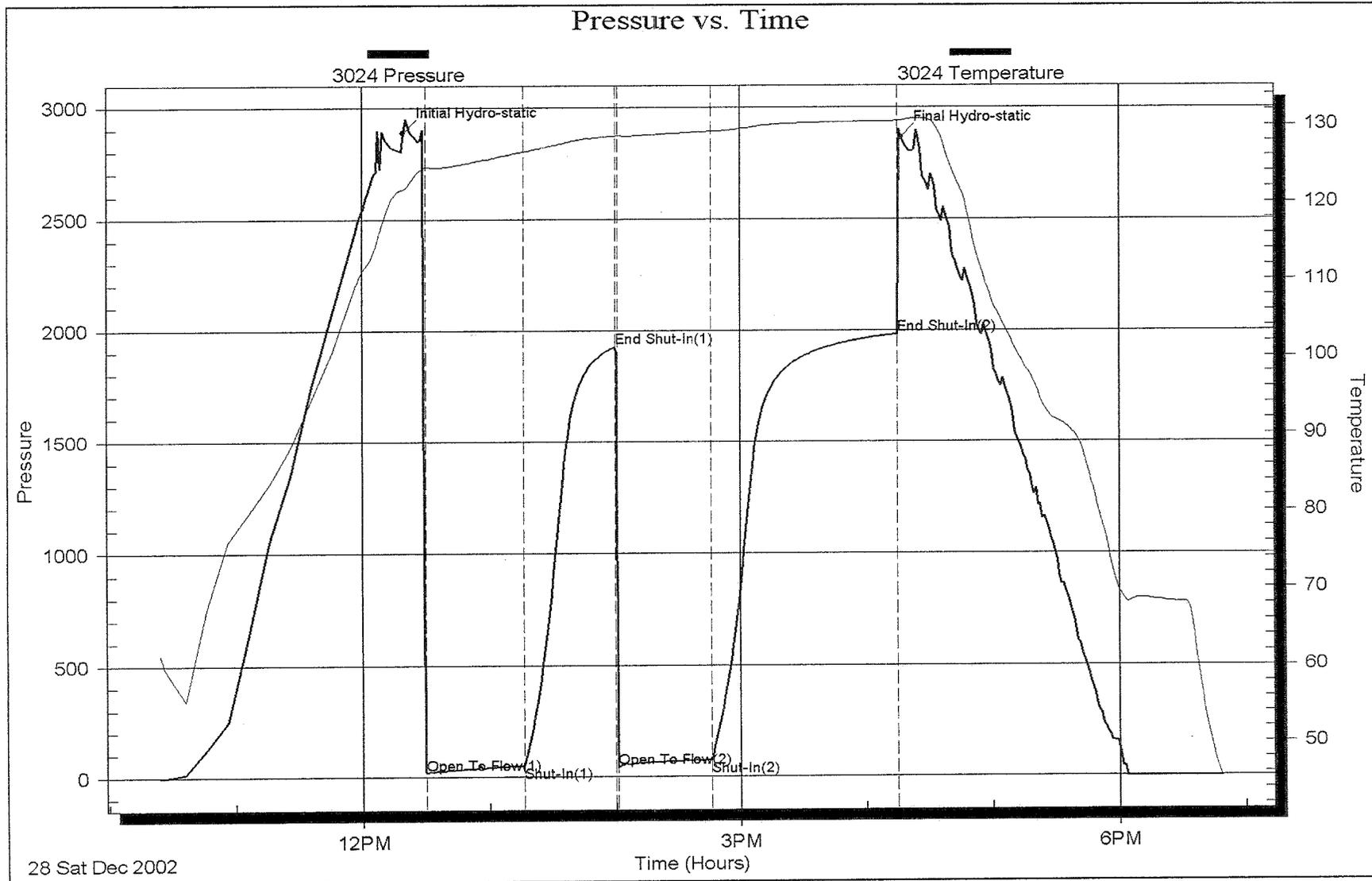
| Length ft | Description | Volume bbl |
|--------------|--------------------------|---------------|
| 65.00 | OCM 5%oil 95%mud | 0.320 |
| 60.00 | GMO 60%gas 30%oil 10%mud | 0.295 |
| 1555.00 | GIP | 19.399 |

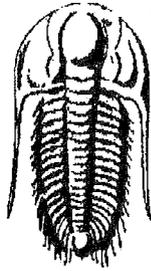
Total Length: 1680.00 ft Total Volume: 20.014 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: 7# LCM





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior, inc.**

PO Box 399
Garden City, Kansas.
67846-0399

ATTN: Alan Downing

28-32S-19W Comanche

Bird #3-28

Start Date: 2002.12.28 @ 19:56:32

End Date: 2002.12.29 @ 03:59:31

Job Ticket #: 16728 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

American Warrior, Inc.

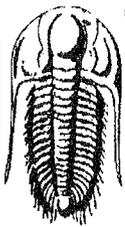
Bird #3-28

28-32S-19W Comanche

DST # 3

Viola

2002.12.28



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, inc.

PO Box 399
Garden City, Kansas.
67846-0399
ATTN: Alan Downing

Bird #3-28

28-32S-19W Comanche

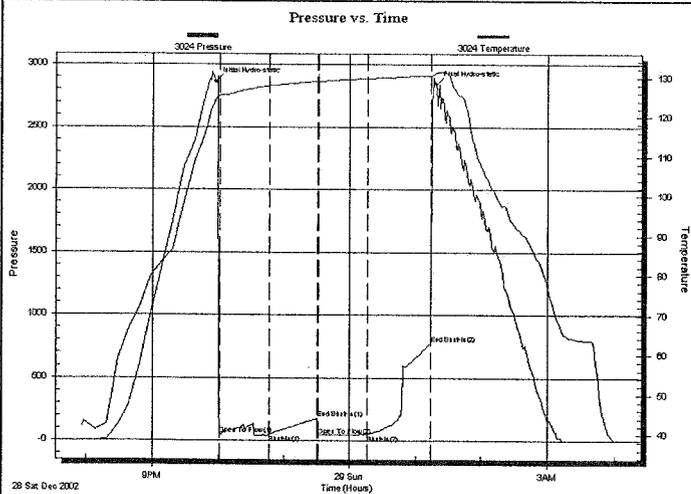
Job Ticket: 16728 **DST#: 3**
Test Start: 2002.12.28 @ 19:56:32

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:01:01
Time Test Ended: 03:59:31
Interval: **5786.00 ft (KB) To 5816.00 ft (KB) (TVD)**
Total Depth: 5948.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Straddle
Tester: Ray Schwager
Unit No: 16
Reference Elevations: 1966.00 ft (KB)
1953.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 3024 Inside
Press@RunDepth: 51.21 psig @ 5795.02 ft (KB) Capacity: 7000.00 psig
Start Date: 2002.12.28 End Date: 2002.12.29 Last Calib.: 2002.12.29
Start Time: 19:56:32 End Time: 03:59:31 Time On Btm: 2002.12.28 @ 21:57:31
Time Off Btm: 2002.12.29 @ 01:18:31

TEST COMMENT: IFP-wk to strg in 35 min
FFP-strg bl in 5 min
Times 45-45-45-60
no bl on shut-in



PRESSURE SUMMARY

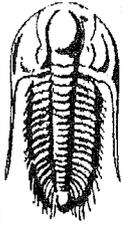
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2864.30 | 124.30 | Initial Hydro-static |
| 4 | 45.70 | 125.42 | Open To Flow (1) |
| 49 | 48.75 | 127.84 | Shut-In(1) |
| 93 | 178.10 | 128.93 | End Shut-In(1) |
| 94 | 36.85 | 128.96 | Open To Flow (2) |
| 138 | 51.21 | 129.69 | Shut-In(2) |
| 196 | 775.75 | 130.50 | End Shut-In(2) |
| 201 | 2844.99 | 131.05 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------|--------------|
| 65.00 | SO&GCM 1%oil 5%gas 94%mud | 0.32 |
| 775.00 | GIP | 7.91 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, inc.
PO Box 399
Garden City, Kansas.
67846-0399
ATTN: Alan Downing

Bird #3-28
28-32S-19W Comanche
Job Ticket: 16728 **DST#: 3**
Test Start: 2002.12.28 @ 19:56:32

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 5398.00 ft | Diameter: 3.80 inches | Volume: 75.72 bbl | Tool Weight: 2800.00 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: 390.00 ft | Diameter: 2.25 inches | Volume: 1.92 bbl | Weight to Pull Loose: 85000.00 lb |
| | | | <u>Total Volume: 77.64 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 30.00 ft | | | String Weight: Initial 78000.00 lb |
| Depth to Top Packer: | 5786.00 ft | | | Final 78000.00 lb |
| Depth to Bottom Packer: | 5816.02 ft | | | |
| Interval between Packers: | 30.02 ft | | | |
| Tool Length: | 195.03 ft | | | |
| Number of Packers: | 3 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|--------------------------------|
| Change Over Sub | 1.00 | | | 5759.00 | |
| Shut In Tool | 5.00 | | | 5764.00 | |
| Hydraulic tool | 5.00 | | | 5769.00 | |
| Jars | 5.00 | | | 5774.00 | |
| Safety Joint | 2.00 | | | 5776.00 | |
| Packer | 5.00 | | | 5781.00 | 28.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 5786.00 | |
| Stubb | 1.00 | | | 5787.00 | |
| Recorder | 0.01 | 13547 | Outside | 5787.01 | |
| Perforations | 8.00 | | | 5795.01 | |
| Recorder | 0.01 | 3024 | Inside | 5795.02 | |
| Perforations | 18.00 | | | 5813.02 | |
| Blank Off Sub | 1.00 | | | 5814.02 | |
| Blank Spacing | 2.00 | | | 5816.02 | 30.02 Tool Interval |
| Packer | 5.00 | | | 5821.02 | |
| Stubb | 1.00 | | | 5822.02 | |
| Perforations | 2.00 | | | 5824.02 | |
| Change Over Sub | 1.00 | | | 5825.02 | |
| Recorder | 0.01 | 11085 | Below | 5825.03 | |
| Blank Spacing | 124.00 | | | 5949.03 | |
| Change Over Sub | 1.00 | | | 5950.03 | |
| Bullnose | 3.00 | | | 5953.03 | 137.01 Bottom Packers & Anchor |

Total Tool Length: 195.03



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, inc.

Bird #3-28

PO Box 399
Garden City, Kansas.
67846-0399

28-32S-19W Comanche

Job Ticket: 16728 **DST#: 3**

ATTN: Alan Downing

Test Start: 2002.12.28 @ 19:56:32

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:

ppm

Viscosity: 78.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.23 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------------|---------------|
| 65.00 | SO&GCM 1%oil 5%gas 94%mud | 0.320 |
| 775.00 | GIP | 7.911 |

Total Length: 840.00 ft

Total Volume: 8.231 bbl

Num Fluid Samples: 0

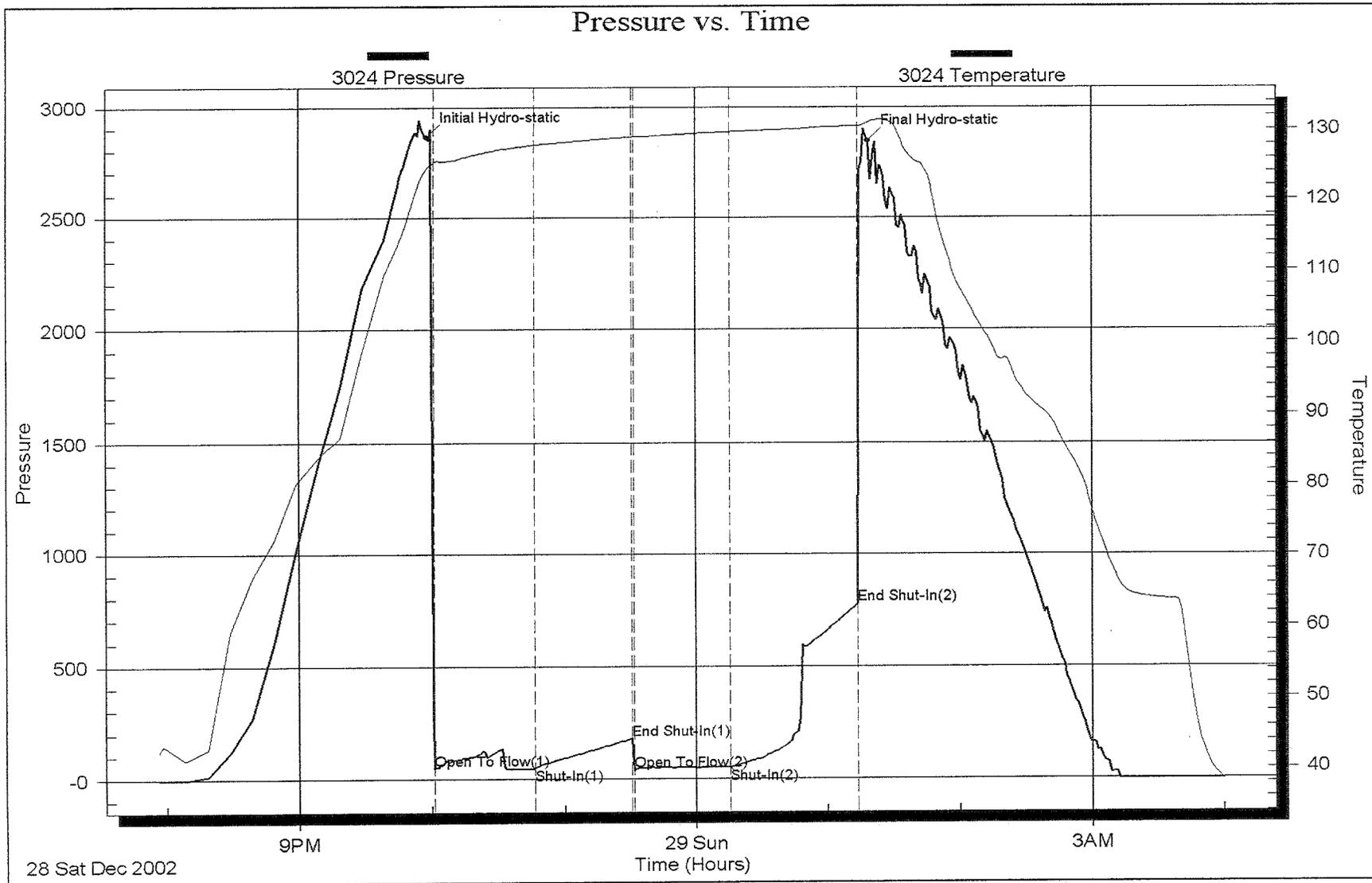
Num Gas Bombs: 0

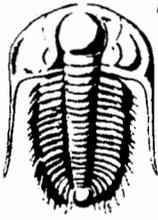
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16602

Test Ticket

Well Name & No. Bird #3-28 Test No. #1 Date 12-20-02
 Company American Warrior, Inc. Zone Tested MISS
 Address PO. box 399 Garden City, KS 67846-0399 Elevation 1966 KB 1953 GL
 Co. Rep / Geo. AL Downing Cont. Duke #7 Est. Ft. of Pay Por. %
 Location: Sec. 28 Twp. 32S Rge. 19W Co. Comanche State KS
 No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5050' - 5175' Initial Str Wt./Lbs. 8100 Unseated Str Wt./Lbs. 8100
 Anchor Length 125' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 91000
 Top Packer Depth 5045' Tool Weight 2100
 Bottom Packer Depth 5050' Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 5175' Wt. Pipe Run N/A Drill Collar Run 387.0
 Mud Wt. 9.0+ LCM 3# Vis. 55 WL 60 Drill Pipe Size 7 1/2 KH Ft. Run 4748.0

Blow Description IK' Strong blow b.o. bin 70 sec.
IST' Bled down for 5 mins. No blow back.
FF' Strong blow b.o. bin 10 sec.
FST' Bled down for 5 mins. No blow back.

| Recovery — Total Feet | GIP | Ft. in DC | Ft. in DP |
|--------------------------------------|--------------|-------------------|-------------------|
| <u>60'</u> | <u>1800'</u> | <u>60'</u> | <u>N/A</u> |
| Rec. <u>60'</u> Feet Of <u>VS6CM</u> | | <u>5%</u> gas | <u>0%</u> oil |
| Rec. <u>1800'</u> Feet Of <u>GIP</u> | | <u> </u> % gas | <u> </u> % oil |
| Rec. <u> </u> Feet Of <u> </u> | | <u> </u> % gas | <u> </u> % oil |
| Rec. <u> </u> Feet Of <u> </u> | | <u> </u> % gas | <u> </u> % oil |
| Rec. <u> </u> Feet Of <u> </u> | | <u> </u> % gas | <u> </u> % oil |

BHT 113° °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 3500 ppm System

| | AK-1 | Alpine | PSI Recorder No. | T-On Location |
|----------------------------------|-------------|--------------|------------------|---------------|
| (A) Initial Hydrostatic Mud | <u>2471</u> | <u>2346</u> | <u>2346</u> | <u>2000</u> |
| (B) First Initial Flow Pressure | <u>37</u> | <u>5051'</u> | <u>5051'</u> | <u>2029</u> |
| (C) First Final Flow Pressure | <u>35</u> | <u>10991</u> | <u>10991</u> | <u>2300</u> |
| (D) Initial Shut-In Pressure | <u>224</u> | <u>5078'</u> | <u>5078'</u> | <u>0200</u> |
| (E) Second Initial Flow Pressure | <u>21</u> | <u> </u> | <u> </u> | <u>0495</u> |
| (F) Second Final Flow Pressure | <u>33</u> | <u> </u> | <u> </u> | <u>0545</u> |
| (G) Final Shut-in Pressure | <u>259</u> | <u>4.5</u> | <u>4.5</u> | <u>900</u> |
| (Q) Final Hydrostatic Mud | <u>2461</u> | <u>4.5</u> | <u>4.5</u> | <u>200</u> |
| | | <u>45</u> | <u>45</u> | <u>50</u> |
| | | <u>45</u> | <u>45</u> | <u> </u> |

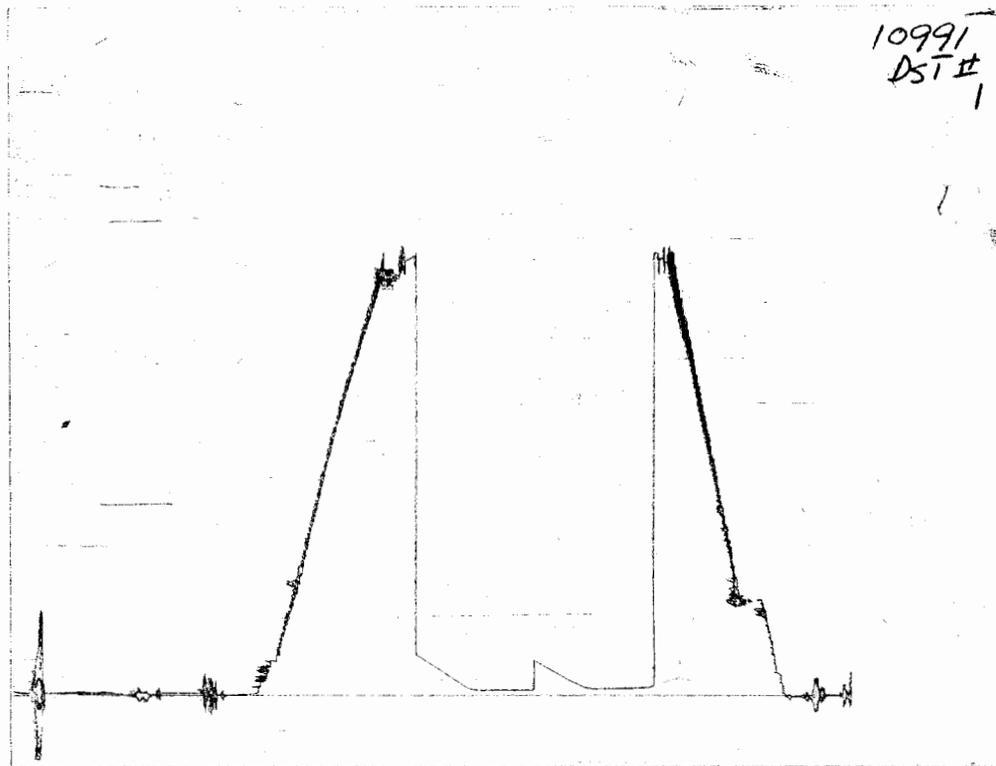
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Approved By [Signature]
 Our Representative Daren Larvine

Straddle
 Circ. Sub
 Sampler
 Extra Packer
 Elec. Rec. 150
 Mileage 65
 Other
 TOTAL PRICE \$ 1365

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16727

Test Ticket

Well Name & No. Bird # 3-28 Test No. 2 Date 12-28-02
 Company AMERICAN WARRIOR Inc Zone Tested Viola
 Address P.O. Box 399 Garden City, Mo 67846-0399 Elevation 1966 KB 1953 GL
 Co. Rep / Geo. AL Downing Cont. Duke 1197 Est. Ft. of Pay - Por. - %
 Location: Sec. 28 Twp. 32^s Rge. 19^w Co. Comanche State Ks
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5818-5845 Initial Str Wt./Lbs. 77000 Unseated Str Wt./Lbs. 77000
 Anchor Length 27 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 85000
 Top Packer Depth 5818-5813 Tool Weight 2800
 Bottom Packer Depth 5845 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes
 Total Depth 5948 Wt. Pipe Run _____ Drill Collar Run 390
 Mud Wt. 9.13 LCM 7# Vis. 78 WL 98 Drill Pipe Size 4 1/2 XH Ft. Run 3431
 Blow Description IFP - WEAK TO STRONG IN 16 MIN
FFP - STRONG BLOW THRU-OUT
NO BLOW ON SHUT-IN

Recovery — Total Feet 125 GIP 1555 Ft. in DC 125 Ft. in DP -
 Rec. 65 Feet Of OCM %gas 5 %oil _____ %water 95 %mud _____
 Rec. 60 Feet Of GMD %gas 30 %oil _____ %water 10 %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 130 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API _____
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 12000 ppm System

| | AK-1 | Alpine | PSI | Recorder No. | T-On Location |
|----------------------------------|------|-------------|-------------|---------------------------|--------------------------|
| (A) Initial Hydrostatic Mud | | <u>2886</u> | | <u>3024</u> | <u>0915</u> |
| (B) First Initial Flow Pressure | | <u>16</u> | PSI (depth) | <u>5824</u> | <u>1023</u> 9:30 |
| (C) First Final Flow Pressure | | <u>48</u> | PSI | <u>13547</u> | <u>1225</u> |
| (D) Initial Shut-In Pressure | | <u>1926</u> | PSI (depth) | <u>5819</u> | <u>1610</u> |
| (E) Second Initial Flow Pressure | | <u>41</u> | PSI | <u>11085</u> | <u>1845</u> |
| (F) Second Final Flow Pressure | | <u>73</u> | PSI (depth) | <u>5850</u> | <u>1915</u> |
| (G) Final Shut-in Pressure | | <u>1980</u> | PSI | Initial Opening <u>45</u> | Test ✓ <u>900</u> |
| (Q) Final Hydrostatic Mud | | <u>2864</u> | PSI | Initial Shut-in <u>45</u> | Jars ✓ <u>200</u> |
| | | | | Final Flow <u>45</u> | Safety Joint ✓ <u>50</u> |
| | | | | Final Shut-in <u>90</u> | Straddle ✓ <u>250</u> |

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Approved By [Signature]

Our Representative Ray Schwager Thankyou

Circ. Sub _____
 Sampler _____
 Extra Packer ✓ 150
 Elec. Rec. ✓ 150
 Mileage ✓ 65
 Other _____
 TOTAL PRICE \$ ✓ 1765

CHART PAGE

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

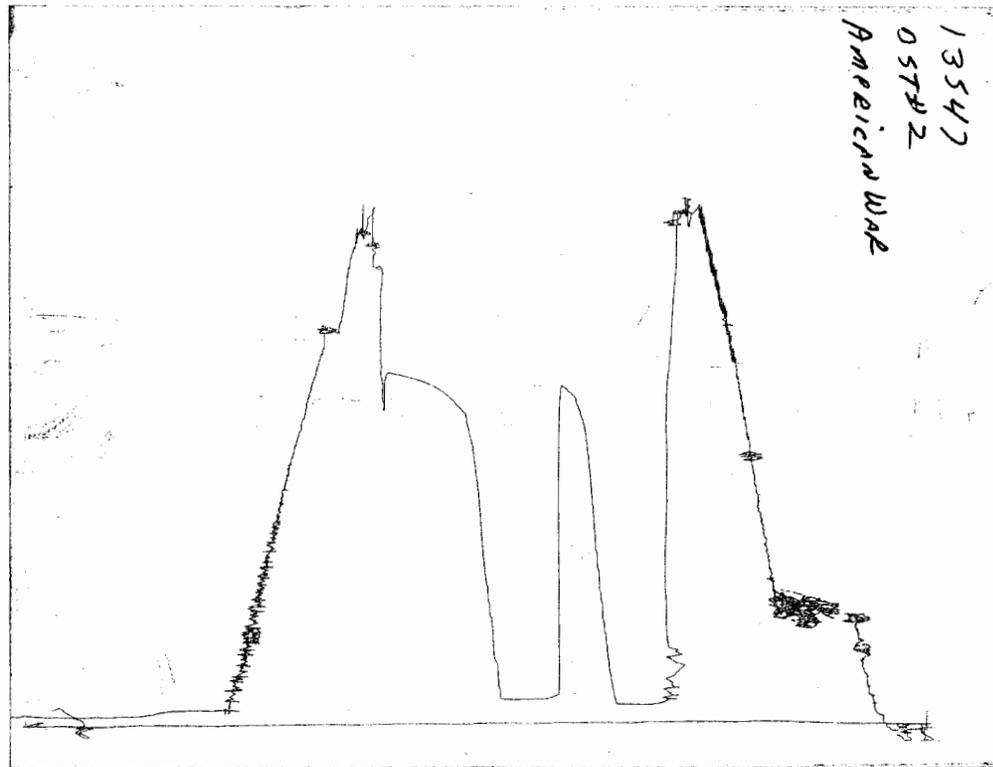
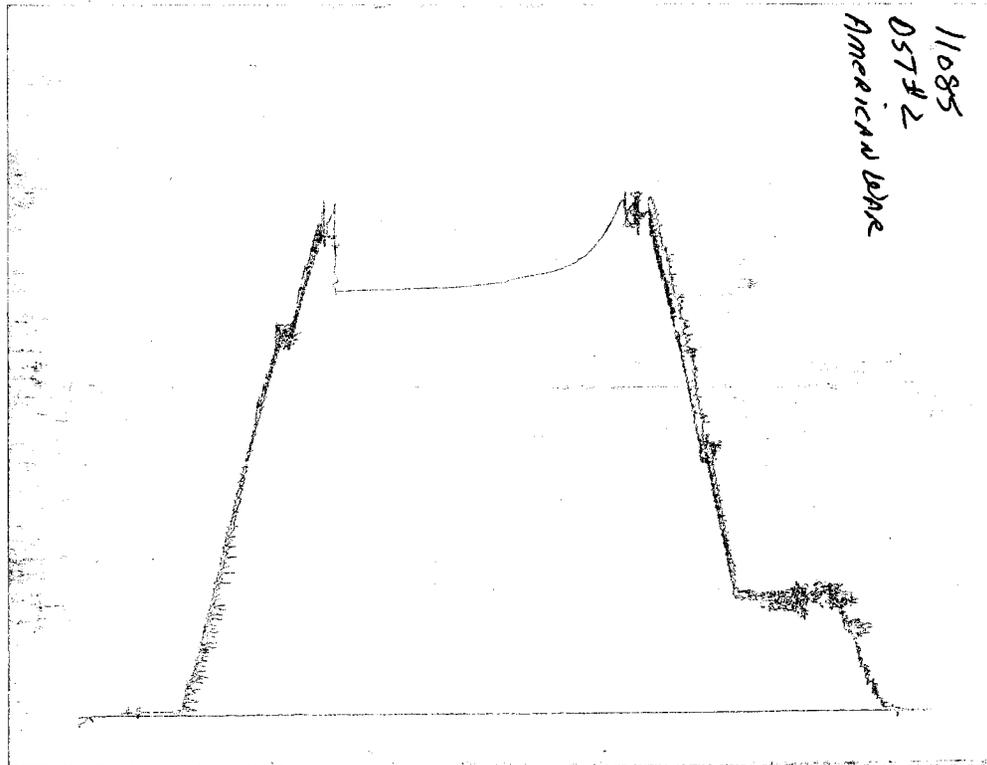
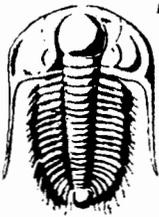


CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16728

Test Ticket

Well Name & No. BIRD # 3-28 Test No. 3 Date 12-28-02
 Company AMERICAN WARRIOR INC Zone Tested VIOLA
 Address P.O. Box 399 Garden City, Ko 67846-0399 Elevation 1966 KB 1953 GL
 Co. Rep / Geo. AL Downing Cont. Duke r 197 Est. Ft. of Pay - Por. - %
 Location: Sec. 28 Twp. 32^s Rge. 19^w Co. Comanche State Ko
 No. of Copies Req Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5786-5816 Initial Str Wt./Lbs. 78000 Unseated Str Wt./Lbs. 78000
 Anchor Length 30 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 85000
 Top Packer Depth 5786-5781 Tool Weight 2800
 Bottom Packer Depth 5816 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes
 Total Depth 5948 Wt. Pipe Run - Drill Collar Run 390
 Mud Wt. 9.3 LCM 7# Vis. 78 WL 9.2 Drill Pipe Size 4 1/2 XH Ft. Run 5398
 Blow Description IFP- WEAK TO STRONG IN 35 MIN
FFP- STRONG BLOW IN 5 MIN
NO BLOW ON SHUT-IN

Recovery — Total Feet 65 GIP 775 Ft. in DC 65 Ft. in DP -
 Rec. 65 Feet Of 50*6CM %gas 5 %oil 1 %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 130 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 12000 ppm System

| | AK-1 | Alpine | PSI | Recorder No. | T-On Location |
|----------------------------------|------|-------------|-----|---------------------------|----------------------------|
| (A) Initial Hydrostatic Mud | | <u>2864</u> | | <u>3024</u> | <u>1930</u> |
| (B) First Initial Flow Pressure | | <u>45</u> | PSI | (depth) <u>5795</u> | T-Started <u>1956</u> |
| (C) First Final Flow Pressure | | <u>48</u> | PSI | Recorder No. <u>13547</u> | T-Open <u>2155</u> |
| (D) Initial Shut-In Pressure | | <u>178</u> | PSI | (depth) <u>5787</u> | T-Pulled <u>0110</u> |
| (E) Second Initial Flow Pressure | | <u>36</u> | PSI | Recorder No. <u>11085</u> | T-Out <u>0355</u> |
| (F) Second Final Flow Pressure | | <u>52</u> | PSI | (depth) <u>5820</u> | T-Off Location <u>0515</u> |
| (G) Final Shut-in Pressure | | <u>771</u> | PSI | Initial Opening <u>45</u> | Test <u>900</u> |
| (Q) Final Hydrostatic Mud | | <u>2844</u> | PSI | Initial Shut-in <u>45</u> | Jars <u>200</u> |
| | | | | Final Flow <u>45</u> | Safety Joint <u>50</u> |
| | | | | Final Shut-in <u>60</u> | Straddle <u>250</u> |

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Approved By _____

Our Representative RAY SCHWAGER Thank you

Circ. Sub _____
 Sampler _____
 Extra Packer 150
 Elec. Rec. 150
 Mileage N/C
 Other _____
 TOTAL PRICE \$ 1700

CHART PAGE

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

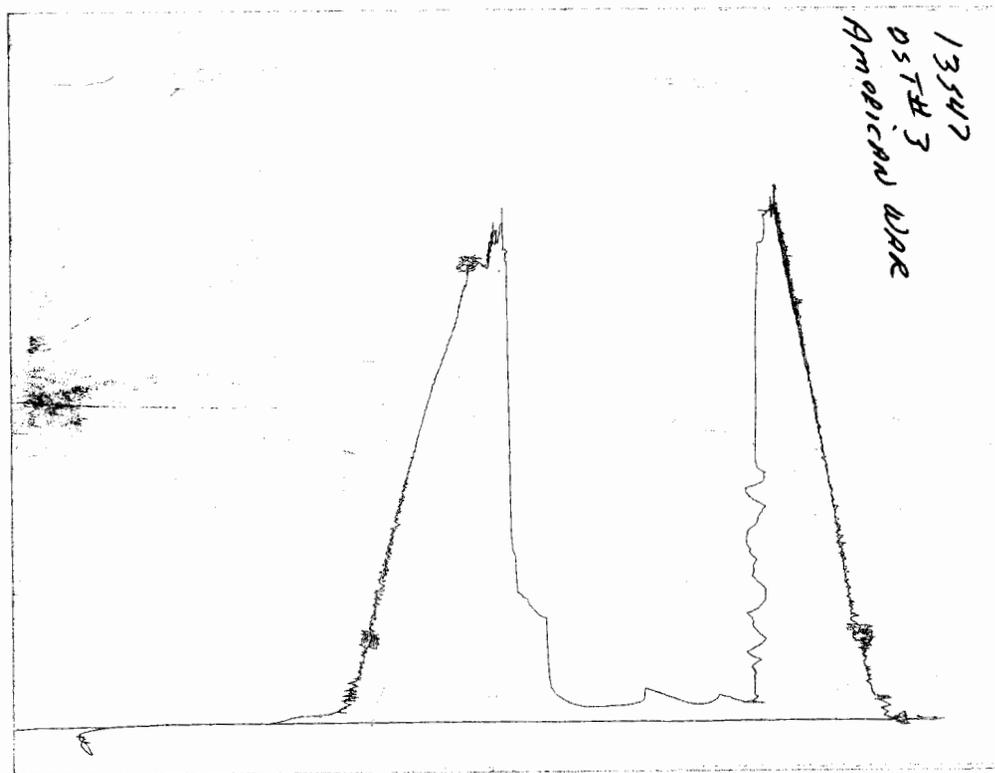


CHART PAGE

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