

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc.

Borger 4-3

Box 399 Garden City Kansas 67846-0399

3/21/25

Job Ticket: 39412

DST#: 1

ATTN: Harley S.

Test Start: 2011.03.06 @ 03:30:00

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 05:41:30

Time Test Ended: 09:05:30

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **4369.00 ft (KB) To 4456.00 ft (KB) (TVD)**

Total Depth: **4456.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2335.00 ft (KB)**

2324.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6772

Outside

Press@RunDepth: **39.64 psig @ 4372.00 ft (KB)**

Start Date: **2011.03.06**

End Date:

2011.03.06

Capacity: **8000.00 psig**

Last Calib.: **2011.03.06**

Start Time: **03:30:05**

End Time:

09:05:29

Time On Btm: **2011.03.06 @ 05:41:15**

Time Off Btm: **2011.03.06 @ 07:03:45**

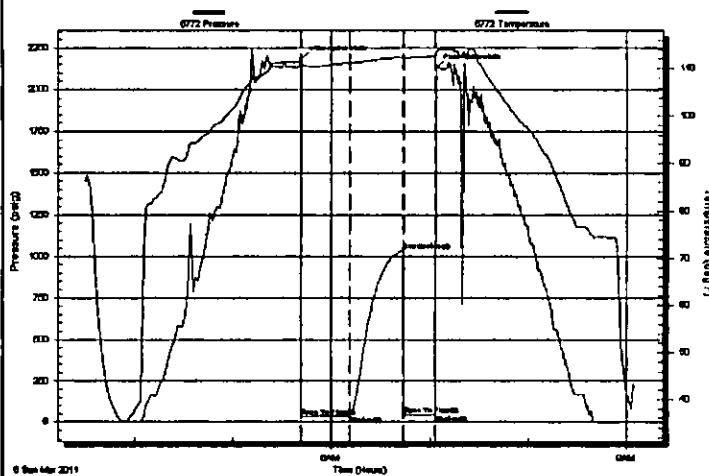
TEST COMMENT: IF- Weak blow 1/2 in. into bucket.

IS- No blow back.

FF- No blow 15min. and pulled.

FSI- Pulled tool.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.33	111.41	Initial Hydro-static
1	30.97	110.88	Open To Flow (1)
30	39.64	111.08	Shut-In(1)
63	1035.57	112.39	End Shut-In(1)
63	42.34	112.13	Open To Flow (2)
82	46.09	112.51	Shut-In(2)
83	2128.99	113.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% mud	0.02

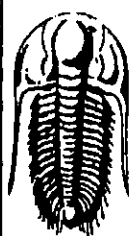
Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

Borger 4-3

Box 399 Garden City Kansas 67846-0399

3/21/25

Job Ticket: 39412

DST#: 1

ATTN: Harley S.

Test Start: 2011.03.06 @ 03:30:00

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

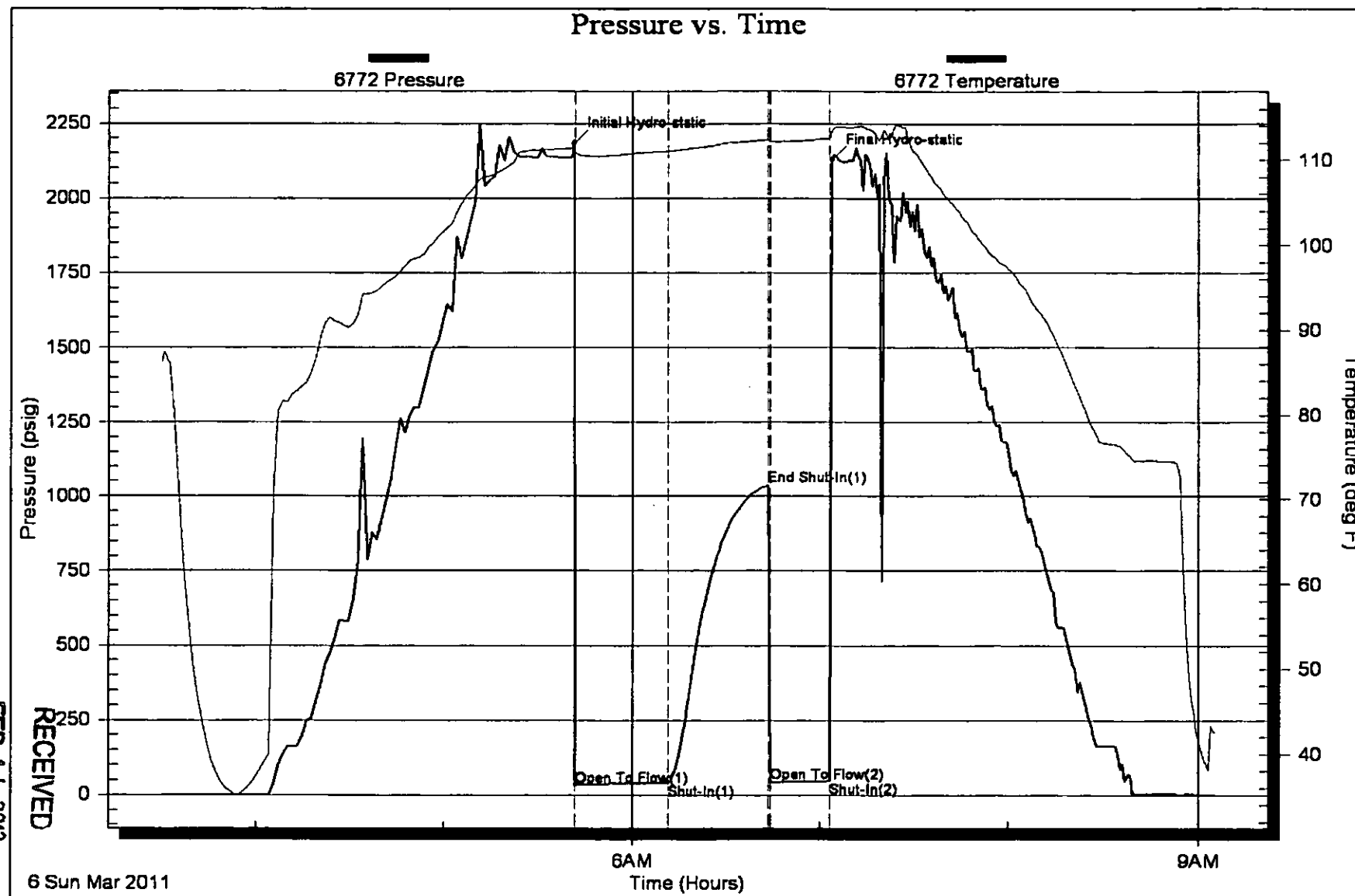
Laboratory Location:

Recovery Comments:

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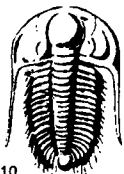
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P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039412 15476

Well Name & No. Borger 4-3 Test No. 1 Date 3-5-11
Company American Warrior Inc. Elevation 2335 KB 2324 GL
Address Box 399 Garden City Kansas 67846-0399
Co. Rep / Geo. Harley S. Rig Duke 5
Location: Sec. 3 Twp. 21 Rge. 25 Co. Hodgeman State KS

Interval Tested 4369 - 4456 Zone Tested MISS
Anchor Length 87 Drill Pipe Run 246 4067 Mud Wt. 9.3
Top Packer Depth 4364 Drill Collars Run 305 Vis 53
Bottom Packer Depth 4369 Wt. Pipe Run 0 WL 8.0
Total Depth 4456 Chlorides 6100 ppm System LCM 1
Blow Description IF - Weak blow 1/2 in. into bucket.
1st - 10 blow back.
FF - No blow 15 min.
FST - Pulled tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>				<u>100</u>	
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

Rec Total BHT 112 Gravity API RW @ °F Chlorides ppm
(A) Initial Hydrostatic 2183 ☐ Test 1225 Phs T-On Location 900 PM
(B) First Initial Flow 31 ☐ Jars 250⁰⁰ T-Started 3:30 AM
(C) First Final Flow 40 ☐ Safety Joint 75⁰⁰ T-Open 5:45 AM
(D) Initial Shut-In 1036 ☐ Circ Sub 22¹⁵ 250⁰⁰ T-Pulled 7:15 AM
(E) Second Initial Flow 42 ☐ Hourly Standby 250⁰⁰ T-Out 9:30 AM
(F) Second Final Flow 46 ☐ Mileage 124 RT 155 Comments
(G) Final Shut-In Pulled tool ☐ Sampler
(H) Final Hydrostatic 2129 ☐ Straddle

Initial Open 30 ☐ Shale Packer
Initial Shut-In 30 ☐ Extra Packer
Final Flow 15 ☐ Extra Recorder
Final Shut-In Pulled tool ☐ Day Standby
☐ Accessibility
Sub Total 1955 MP/DST Disc't

Approved By Harley S. Our Representative Harley S.
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

Box 399 Garden City Kansas 67846-0399

ATTN: Harley S.

Borger 4-3

3/21/25

Job Ticket: 39413

DST#: 2

Test Start: 2011.03.06 @ 19:15:00

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 21:10:00

Time Test Ended: 00:29:30

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **4458.00 ft (KB) To 4466.00 ft (KB) (TVD)**

Total Depth: **4466.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2335.00 ft (KB)**

2324.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6772 Outside

Press@RunDepth: **21.68 psig @ 4460.00 ft (KB)**

Start Date: **2011.03.06**

End Date:

2011.03.07

Start Time: **19:15:05**

End Time:

00:29:29

Capacity: **8000.00 psig**

Last Calib.: **2011.03.07**

Time On Btm: **2011.03.06 @ 21:08:30**

Time Off Btm: **2011.03.06 @ 22:34:30**

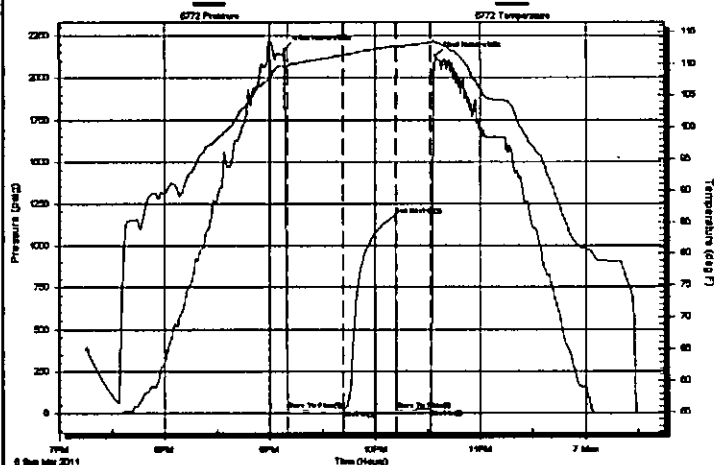
TEST COMMENT: **IF- Weak surface blow.**

IS- No blow back.

FF- No blow, Pulled tool after 15min.

FS- Pulled tool.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2169.70	109.41	Initial Hydro-static
2	18.06	109.64	Open To Flow (1)
33	21.68	111.31	Shut-In(1)
63	1176.81	112.76	End Shut-In(1)
64	21.96	112.57	Open To Flow (2)
84	22.99	113.28	Shut-In(2)
86	2131.45	113.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	95% mud 5% water 0 CHL.	0.02

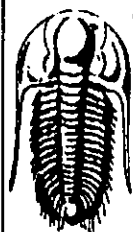
Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

Borger 4-3

Box 399 Garden City Kansas 67846-0399

3/21/25

Job Ticket: 39413

DST#: 2

ATTN: Harley S.

Test Start: 2011.03.06 @ 19:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Satinity:

ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	95% mud 5% water 0 CHL	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

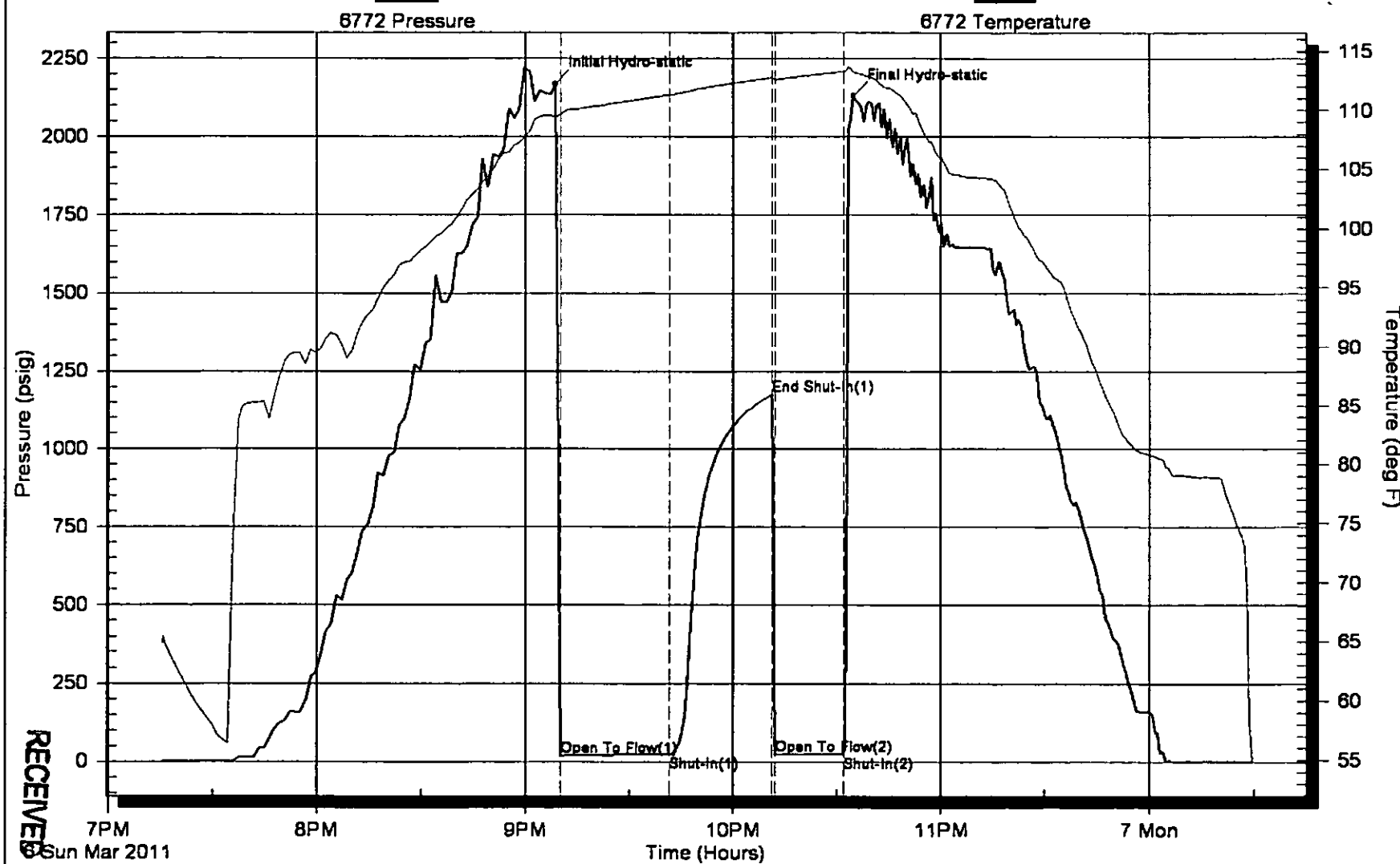
Recovery Comments:

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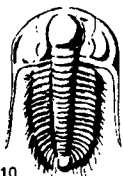
Pressure vs. Time



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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039413

Well Name & No. Borger 4-3 Test No. 2 Date 3-6-11
 Company American Warrior Inc. Elevation 2335 KB 2324 GL
 Address Box 399 Garden City Kansas 67846-0399
 Co. Rep / Geo. Harley S. Rig Duke #5
 Location: Sec. 3 Twp. 21 Rge. 25 Co. Hodgeman State KS

Interval Tested 4458 - 4466 Zone Tested Miss #2
 Anchor Length 8 Drill Pipe Run 4130 Mud Wt. 9.5
 Top Packer Depth 4453 Drill Collars Run 305 Vis 64
 Bottom Packer Depth 4458 Wt. Pipe Run 0 WL 9.6
 Total Depth 4466 Chlorides 8400 ppm System LCM 1

Blow Description IF - weak surface blow.
ISI - no blow back
FF - no blow Polled tool after 15 min
FSI Polled tool

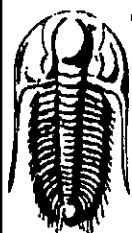
Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>			<u>3</u>	<u>95</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total BHT 113 Gravity API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic 2170 ☐ Test 1225⁰⁰ T-On Location 530 PM
 (B) First Initial Flow 18 ☐ Jars 250⁰⁰ T-Started 715 PM
 (C) First Final Flow 22 ☐ Safety Joint 75⁰⁰ T-Open 900 PM
 (D) Initial Shut-In 1177 ☐ Circ Sub T-Pulled 1015 PM
 (E) Second Initial Flow 22 ☐ Hourly Standby T-Out 1230 AM
 (F) Second Final Flow 23 ☐ Mileage 124 RT 155 Comments
 (G) Final Shut-In Polled Tool ☐ Sampler
 (H) Final Hydrostatic 2131 ☐ Straddle

Initial Open 30 ☐ Shale Packer
 Initial Shut-In 30 ☐ Extra Packer
 Final Flow 15 Polled tool ☐ Extra Recorder
 Final Shut-In Polled ☐ Day Standby
 Sub Total 1705 ☐ Accessibility
 Total 1705 ☐ Ruined Shale Packer
 MP/DST Disc't ☐ Ruined Packer
☐ Extra Copies

Approved By Harley S. Our Representative Harley S.

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.

Box 399 Garden City Kansas 67846-0399

ATTN: Harley S.

Borger 4-3

3/21/25

Job Ticket: 39414

DST#: 3

Test Start: 2011.03.07 @ 08:30:00

GENERAL INFORMATION:

Formation: Miss.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:19:00

Time Test Ended: 15:39:45

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 4466.00 ft (KB) To 4472.00 ft (KB) (TVD)

Total Depth: 4472.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2335.00 ft (KB)

2324.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6772

Outside

Press@RunDepth: 394.73 psig @ 4468.00 ft (KB)

Start Date: 2011.03.07

End Date:

2011.03.07

Start Time: 08:30:05

End Time:

15:39:44

Capacity: 8000.00 psig

Last Calib.: 2011.03.07

Time On Btm: 2011.03.07 @ 10:14:30

Time Off Btm: 2011.03.07 @ 13:21:00

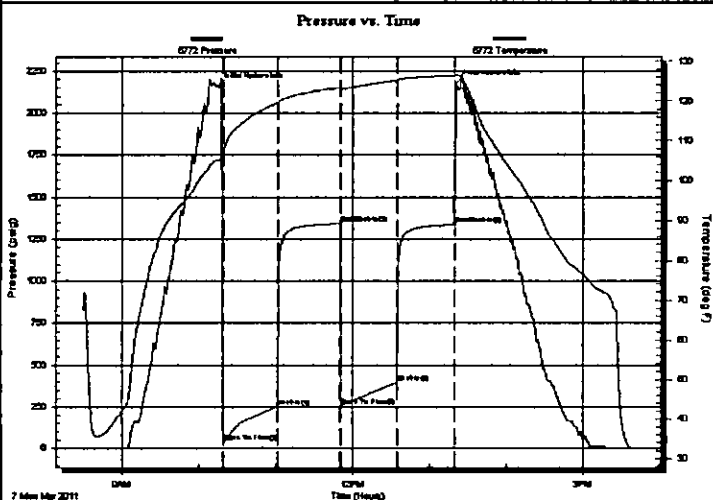
TEST COMMENT: IF- Good building blow BOB, 15min.

IS- No blow back.

FF- Good building blow BOB, 21min.

FS- No blow back.

PRESSURE SUMMARY



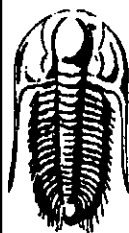
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.08	105.15	Initial Hydro-static
5	35.87	107.44	Open To Flow (1)
47	253.10	119.65	Shut-In (1)
96	1340.67	123.29	End Shut-In (1)
97	257.89	123.07	Open To Flow (2)
141	394.73	125.16	Shut-In (2)
185	1336.01	126.29	End Shut-In (2)
187	2170.60	126.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
868.00	100% water 13000 Chl. 1.0 @ 35F	9.40

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

Borger 4-3

Box 399 Garden City Kansas 67846-0399

3/21/25

Job Ticket: 39414

DST#: 3

ATTN: Harley S.

Test Start: 2011.03.07 @ 08:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length: ft

Water Salinity:

ppm

Viscosity: 64.00 sec/qt

Cushion Volume: bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 8400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
868.00	100% water 13000 Chl. 1.0 @ 35F	9.397

Total Length: 868.00 ft

Total Volume: 9.397 bbl

Num Fluid Samples: 0

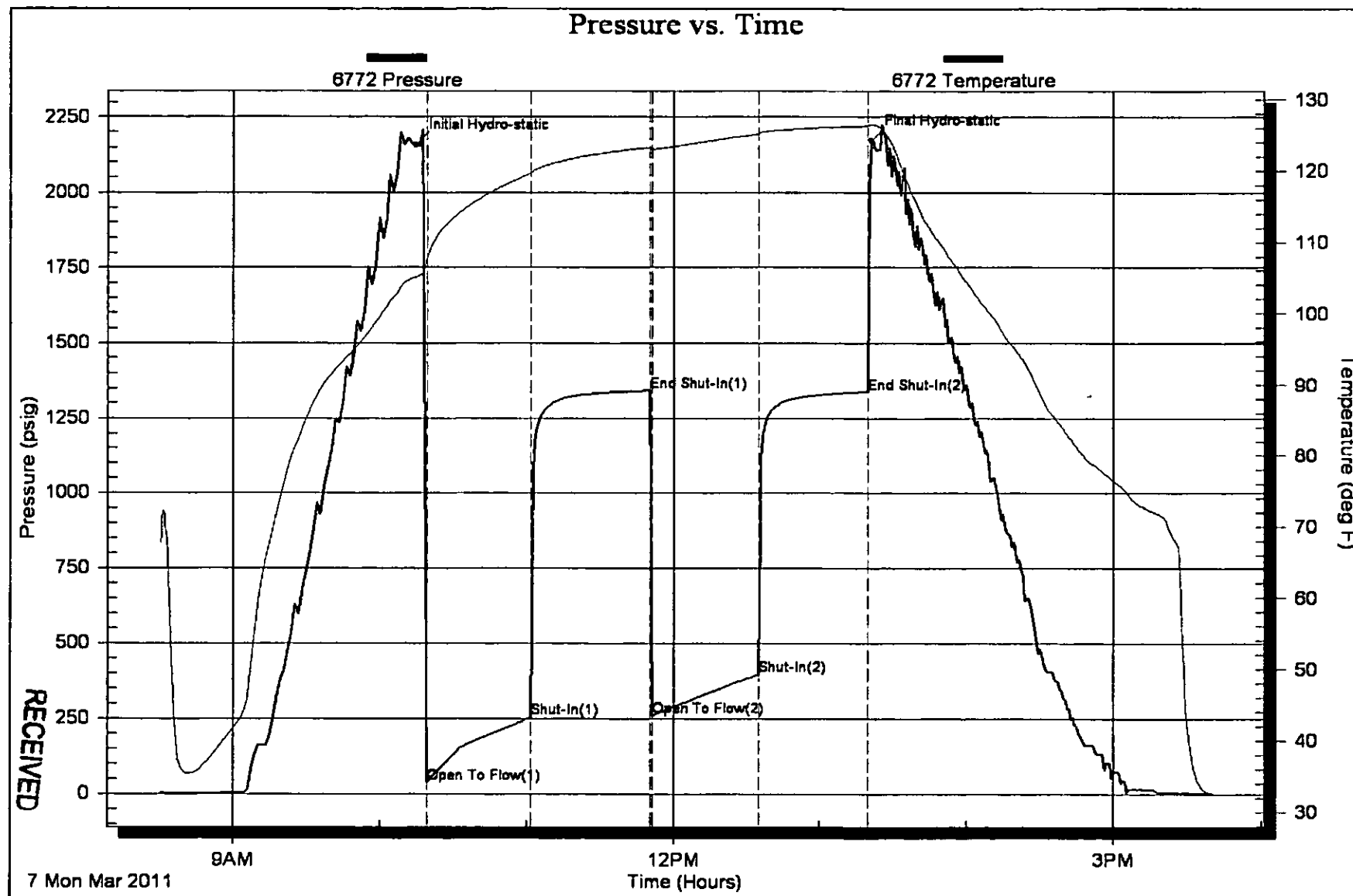
Num Gas Bombs: 0

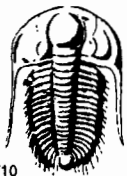
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039414

MAR 14 2011

Well Name & No. Bolger 43 Test No. 3 Date 3-7-11
 Company American Warrior Inc. Elevation 2335 KB 2324 GL
 Address Box 399 Garden City Kansas 67846-0399
 Co. Rep / Geo. Harley S. Rig _____
 Location: Sec. 3 Twp. 21 Rge. 25 Co. Hodgeman State KS

Interval Tested 4466 - 4472 Zone Tested Miss #3
 Anchor Length 6 Drill Pipe Run 4158 Mud Wt. 9.5
 Top Packer Depth 4461 Drill Collars Run 305 Vis 64
 Bottom Packer Depth 4466 Wt. Pipe Run 0 WL 9.6
 Total Depth 4472 Chlorides 8400 ppm System LCM 1
 Blow Description IF - Good drilling blow 15 min BOB
ISI - No blow back
FF - Good building blow 21 min BOB
FSI - No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>868</u>			<u>100</u>		
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

Rec Total _____ BHT _____ Gravity _____ API RW 1.0 @ 35° F Chlorides 13000 ppm
 (A) Initial Hydrostatic 2156 ☐ Test 1225
 (B) First Initial Flow 2156 36 ☐ Jars 250
 (C) First Final Flow 2156 253 ☐ Safety Joint 75
 (D) Initial Shut-In 2156 1341 ☐ Circ Sub _____
 (E) Second Initial Flow 2156 258 ☐ Hourly Standby _____
 (F) Second Final Flow 2156 395 ☐ Mileage 124 RT - 155
 (G) Final Shut-In 2156 1336 ☐ Sampler _____
 (H) Final Hydrostatic 2171 ☐ Straddle _____

T-On Location 7:30 AM
 T-Started _____
 T-Open 10:15 AM
 T-Pulled 1:15 PM
 T-Out 3:30 PM
 Comments _____

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
 Sub Total 1705

☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
 Sub Total 0
 Total 1705
 MP/DST Disc't _____

Approved By N/A

Our Representative ALL D/A

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