



KANSAS CORPORATION COMMISSION 1080318  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058  
Name: American Warrior, Inc.  
Address 1: 3118 Cummings Rd  
Address 2: PO BOX 399  
City: GARDEN CITY State: KS Zip: 67846 +  
Contact Person: Jody Smith  
Phone: (620) 275-2963  
CONTRACTOR: License # 31548  
Name: Discovery Drilling  
Wellsite Geologist: Pat Balthazor  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SIOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>04/18/2012</u>	<u>04/24/2012</u>	<u>04/24/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-179-21302-00-00

Spot Description: C-E/2-W/2  
NE NW NE SW Sec. 20 Twp. 10 S. R. 28  East  West  
2610 Feet from  North /  South Line of Section  
1900 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Sheridan

Lease Name: DEAN SHAW Well #: 1-20

Field Name: \_\_\_\_\_

Producing Formation: None

Elevation: Ground: 2705 Kelly Bushing: 2713

Total Depth: 4160 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 220 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 14000 ppm Fluid volume: 60 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Deanna Garrison Date: 05/29/2012



1080318

Operator Name: American Warrior, Inc. Lease Name: DEAN SHAW Well #: 1-20
Sec. 20 Twp. 10 S. R. 28 [ ] East [x] West County: Sheridan

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken [x] Yes [ ] No (Attach Additional Sheets)
Samples Sent to Geological Survey [x] Yes [ ] No
Cores Taken [ ] Yes [x] No
Electric Log Run [x] Yes [ ] No
Electric Log Submitted Electronically [x] Yes [ ] No (If no, Submit Copy)
List All E. Logs Run:
Porosity, Sonic, Induction and Micro
[x] Log Formation (Top), Depth and Datum [ ] Sample
Name Top Datum
Anhy 2283 +430
Heebner 3788 -1075
Lansing 3822 -1109
Stark 4028 -1315
B/KC 4072 -1359
Mississippian 4107' -1394

CASING RECORD [x] New [ ] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives.
Row 1: Surface, 12.25, 8.875, 23, 220, Common, 150, 2%gel, 3%CC

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives.
Purpose: [x] Perforate, [ ] Protect Casing, [ ] Plug Back TD, [ ] Plug Off Zone

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with 4 columns: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: [ ] Yes [ ] No
Date of First, Resumed Production, SWD or ENHR. Producing Method: [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (Explain)
Estimated Production Per 24 Hours: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

DISPOSITION OF GAS: [ ] Vented [ ] Sold [ ] Used on Lease (If vented, Submit ACO-18.)
METHOD OF COMPLETION: [ ] Open Hole [ ] Perf. [ ] Dually Comp. [ ] Commingled (Submit ACO-5) [ ] Other (Specify)
PRODUCTION INTERVAL:

# ALLIED CEMENTING CO., LLC. 040960

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT

*Onlay*

DATE <u>4-24-12</u>	SEC. <u>20</u>	TWP. <u>10</u>	RANGE <u>28</u>	CALLED OUT	ON LOCATION <u>7:00 Pm</u>	JOB START <u>9:00 Pm</u>	JOB FINISH <u>10:30 Pm</u>
LEASE <u>Dean Shaw</u>	WELL # <u>1-20</u>	LOCATION <u>Greenfield w Exit N To Dred</u>			COUNTY <u>Shawnee</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)			BID <u>1E-3H - 1W 1/2 N - E into</u>				

CONTRACTOR Discovery OWNER Same

TYPE OF JOB PTA

HOLE SIZE <u>7 7/8</u>	T.D. <u>4160</u>	CEMENT	
CASING SIZE	DEPTH	AMOUNT ORDERED	<u>6940 4% Gel</u>
TUBING SIZE	DEPTH	<u>14" Flo Seal</u>	
DRILL PIPE <u>4 1/2</u>	DEPTH <u>2335</u>		
TOOL	DEPTH		
PRES. MAX	MINIMUM	COMMON <u>132 SKS</u>	<u>416.25</u> \$ <u>2145.00</u>
MEAS. LINE	SHOE JOINT	POZMIX <u>88 SKS</u>	<u>49.50</u> \$ <u>748.00</u>
CEMENT LEFT IN CSG.		GEL <u>8 SKS</u>	<u>21.25</u> \$ <u>170.00</u>
PERFS:		CHLORIDE	⊙
DISPLACEMENT <u>29.64</u>		ASC	⊙

EQUIPMENT		<u>Flo Seal</u>	<u>55"</u>	⊙ <u>2.70</u>	\$ <u>148.50</u>
PUMP TRUCK	CEMENTER <u>Darren R</u>			⊙	
# <u>423-281</u>	HELPER <u>Tyler</u>			⊙	
BULK TRUCK				⊙	
# <u>404</u>	DRIVER <u>Steve</u>			⊙	
BULK TRUCK				⊙	
#	DRIVER			⊙	

HANDLING <u>236.27</u>	⊙ <u>2.00</u>	\$ <u>472.54</u>
MILEAGE <u>9.862 x 25 x</u>	⊙ <u>2.75</u>	\$ <u>579.62</u>
TOTAL		\$ <u>4270.23</u>

**REMARKS:**

mix 25 SKs Cement 2335ft  
mix 100 SKs Cement 1055ft  
mix 40 SKs Cement 270ft  
mix 10 SKs Cement 40ft  
Plug Rat Hole 30 SKs Cement  
Plug mouse hole 15 SKs Cement

*Thank You*

CHARGE TO: American Warrior

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB		
PUMP TRUCK CHARGE		\$ <u>1250.00</u>
EXTRA FOOTAGE	⊙	
MILEAGE <u>25 miles</u>	⊙ <u>7.00</u>	\$ <u>175.00</u>
MANIFOLD	⊙	
<u>Lu Mileage</u>	⊙ <u>4.00</u>	\$ <u>100.00</u>
TOTAL		\$ <u>1525.00</u>

**PLUG & FLOAT EQUIPMENT**

<u>1 Top Wooden Plug</u>	⊙	\$ <u>92.00</u>
	⊙	
	⊙	
	⊙	
TOTAL		\$ <u>92.00</u>

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME \_\_\_\_\_

SIGNATURE *Cliff Mayfield*

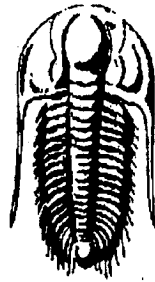
SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399  
Garden City KS 67846

ATTN: Cecial O'Brate

**Dean Shaw**

**20-10s-28w Sheridan,KS**

Start Date: 2012.04.22 @ 23:00:00

End Date: 2012.04.23 @ 05:18:00

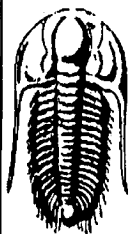
Job Ticket #: 46061                      DST #: 1

Trilobite Testing, Inc

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

Printed: 2012.04.27 @ 13:12:41

American Warrior Inc. 20-10s-28w Sheridan,KS Dean Shaw DST # 1 LKC-A,B 2012.04.22



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

American Warrior Inc.

20-10s-28w Sheridan, KS

PO Box 399  
Garden City KS 67846

Dean Shaw

Job Ticket: 46061

DST#: 1

ATTN: Cecial O'Brate

Test Start: 2012.04.22 @ 23:00:00

### GENERAL INFORMATION:

Formation: **LKC-A,B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:25:30

Time Test Ended: 05:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Kreutzer Jr.

Unit No: 61

Interval: **3826.00 ft (KB) To 3872.00 ft (KB) (TVD)**

Reference Elevations: 2715.00 ft (KB)

Total Depth: 3872.00 ft (KB) (TVD)

2705.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8673

Inside

Press@RunDepth: 98.23 psig @ 3832.60 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.22

End Date:

2012.04.23

Last Calib.: 2012.04.23

Start Time: 23:00:05

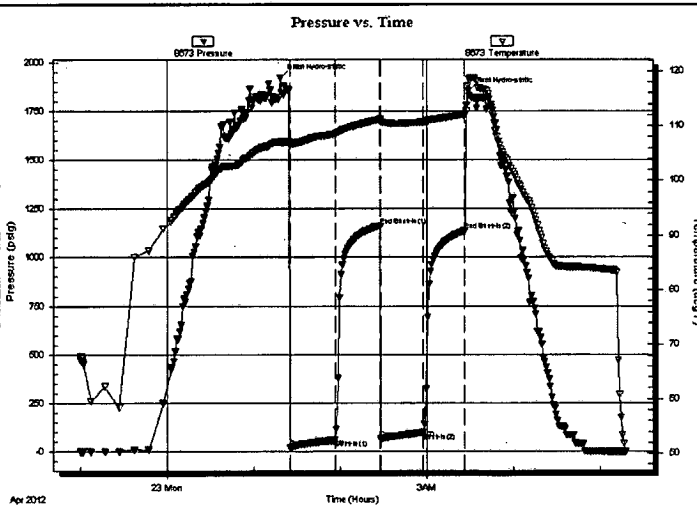
End Time:

05:17:59

Time On Btm: 2012.04.23 @ 01:18:30

Time Off Btm: 2012.04.23 @ 03:28:30

**TEST COMMENT:** IF: Fair blow, Built to B.O.B in 25 mins.  
 IS: No blow back over 30 mins.  
 FF: Weak blow, Built to 7 in. over 30 mins.  
 FS: No blow back over 30 mins.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1919.21	107.15	Initial Hydro-static
7	19.66	106.57	Open To Flow (1)
38	61.81	108.52	Shut-In(1)
69	1162.09	111.12	End Shut-In(1)
70	66.78	110.75	Open To Flow (2)
99	98.23	110.67	Shut-In(2)
128	1134.87	112.10	End Shut-In(2)
130	1850.69	117.33	Final Hydro-static

### Recovery

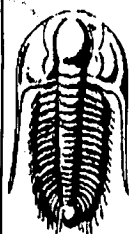
Length (ft)	Description	Volume (bbl)
176.00	water-100%w	1.90
10.00	oil-100%o	0.14

### Gas Rates

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







**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc.

20-10s-28w Sheridan,KS

PO Box 399  
Garden City KS 67846

Dean Shaw

Job Ticket: 46061

DST#: 1

ATTN: Cecial O'Brate

Test Start: 2012.04.22 @ 23:00:00

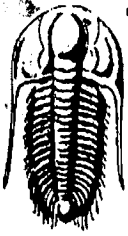
### Tool Information

Drill Pipe:	Length: 3769.00 ft	Diameter: 3.80 inches	Volume: 52.87 bbl	Tool Weight: 2000.00 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: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 53.17 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3826.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.49 ft			
Tool Length:	66.49 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3811.00	
Hydraulic tool	5.00			3816.00	
Packer	5.00			3821.00	20.00 Bottom Of Top Packer
Packer	5.00			3826.00	
Stubb	1.00			3827.00	
Perforations	5.00			3832.00	
Change Over Sub	0.60			3832.60	
Recorder	0.00	8673	Inside	3832.60	
Recorder	0.00	8791	Outside	3832.60	
Blank Spacing	31.29			3863.89	
Change Over Sub	0.60			3864.49	
Perforations	5.00			3869.49	
Bullnose	3.00			3872.49	46.49 Bottom Packers & Anchor

**Total Tool Length: 66.49**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc.  
PO Box 399  
Garden City KS 67846  
ATTN: Cecial O'Brate

**20-10s-28w Sheridan, KS**  
**Dean Shaw**  
Job Ticket: 46061      **DST#: 1**  
Test Start: 2012.04.22 @ 23:00:00

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 55.00 sec/qt  
Water Loss: 7.99 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 1000.00 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

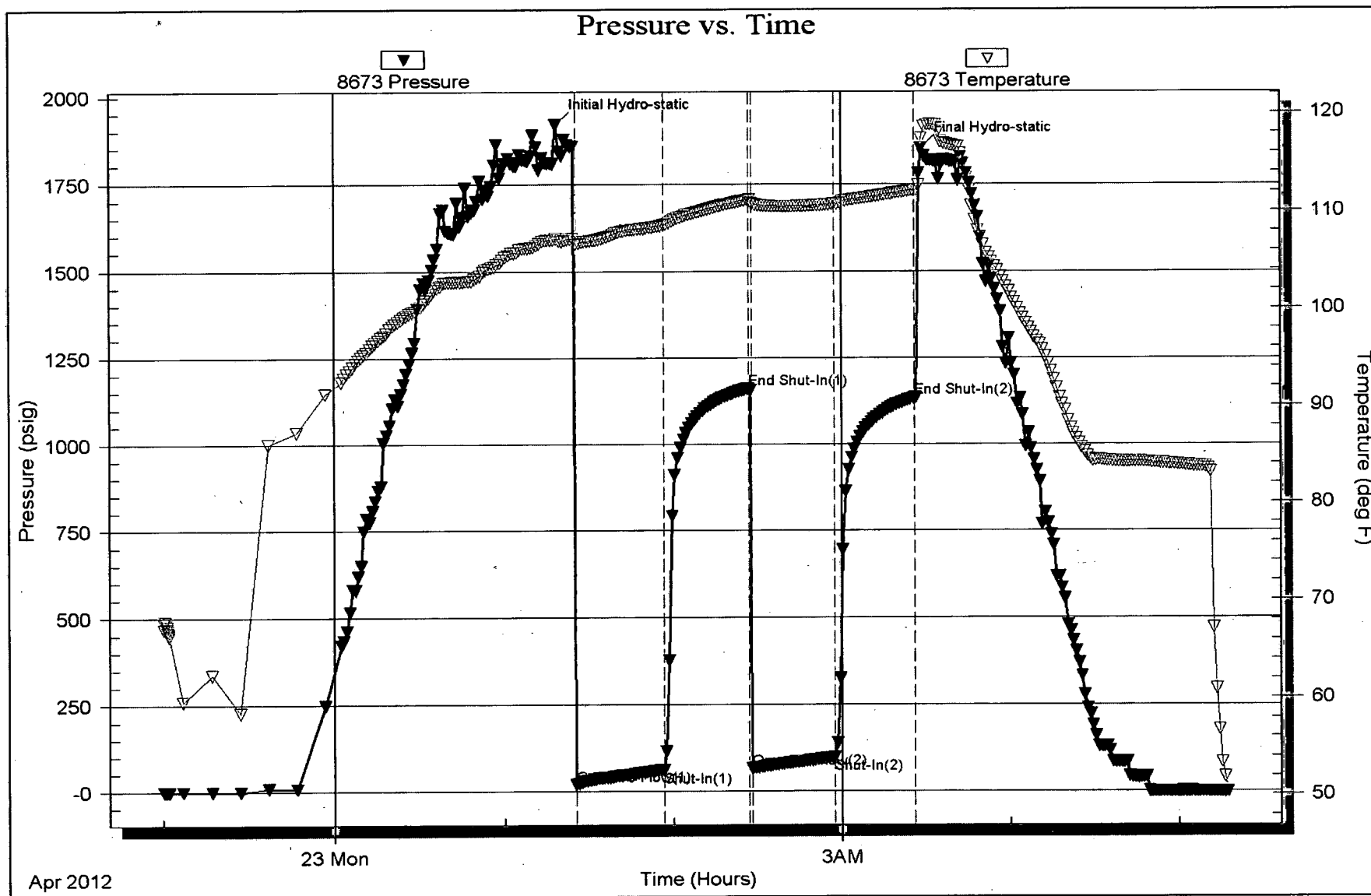
Length ft	Description	Volume bbl
176.00	water-100%w	1.904
10.00	oil-100%o	0.140

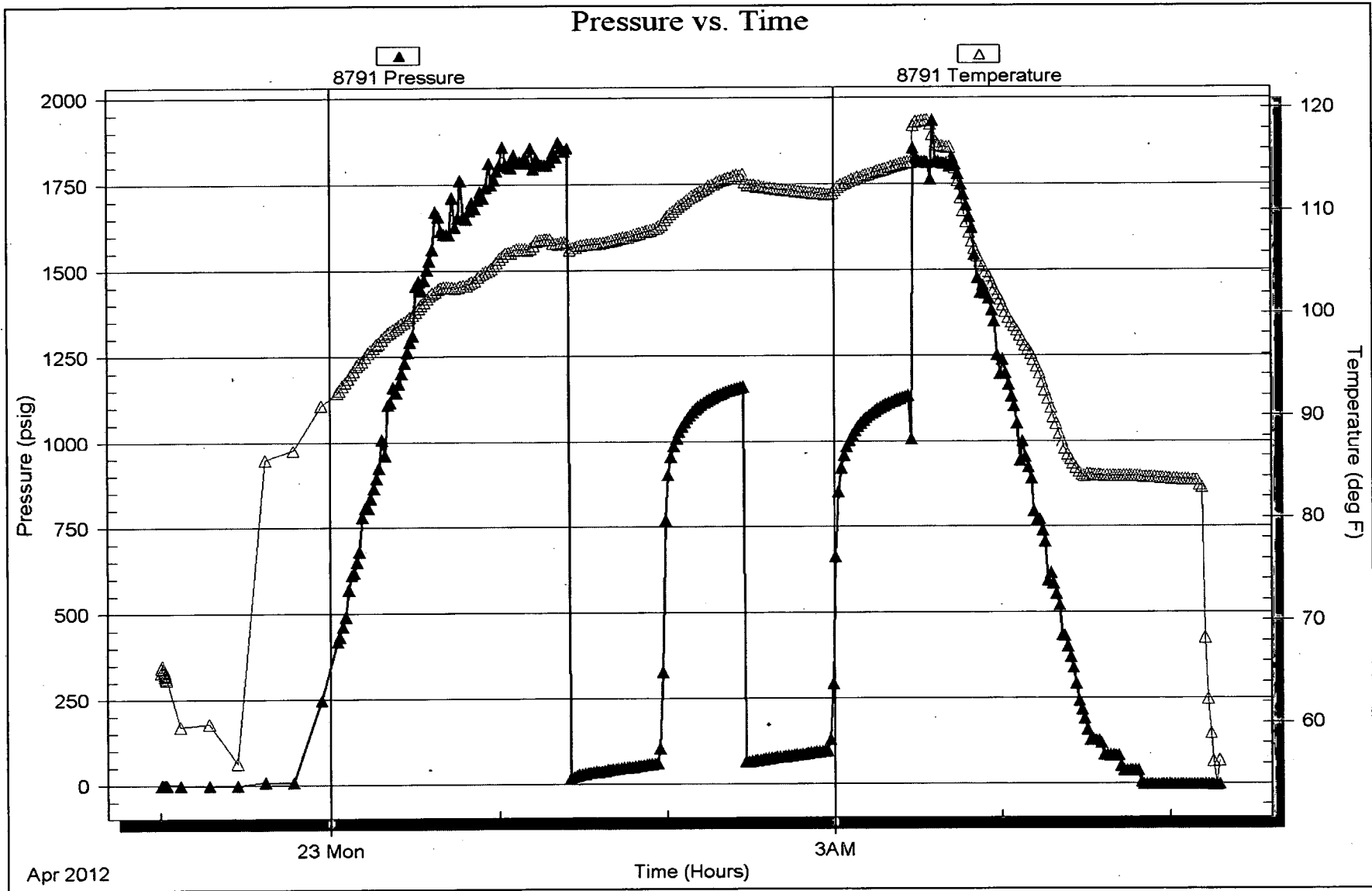
Total Length: 186.00 ft      Total Volume: 2.044 bbl

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

RECEIVED  
APR 27 2012

## Test Ticket

NO. 46061

Well Name & No. Dean show #1-20 Test No. 1 Date 4-22-2012  
 Company American Warrior Inc. Elevation 2715 KB 2705 GL  
 Address 3118 ~~Cammins Rd~~ P.O. Box 399 Garden City KS 67846  
 Co. Rep / Geo. Cecil O'Brate Rig Discovery #1  
 Location: Sec. 20 Twp. 10 Rge. 28 Co. Stensel State KS

Interval Tested 3826 3872 Zone Tested LKC-A-B  
 Anchor Length 46 Drill Pipe Run 3769 Mud Wt. 8.8  
 Top Packer Depth 3821 Drill Collars Run 61 Vis 55  
 Bottom Packer Depth 3826 Wt. Pipe Run -0- Wt. 8.0  
 Total Depth 3872 Chlorides 1,000 ppm System LCM 2

Blow Description IF: Fair Blow, built to B.O.B in 25 mins.

ISS: No blow back over 20 mins.

FF: Fair blow built to 7' in over 20 mins.

PSS: No blow back over 20 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>oil</u>	<u>100</u>			
<u>176</u>	<u>water</u>		<u>100</u>		

Rec Total 186 BHT 115 Gravity API RW @ ° F Chlorides ppm  
 (A) Initial Hydrostatic 1819  Test 1150 T-On Location 19:30  
 (B) First Initial Flow 20  Jars \_\_\_\_\_ T-Started 23:00  
 (C) First Final Flow 62  Safety Joint \_\_\_\_\_ T-Open 1:25  
 (D) Initial Shut-In 1162  Circ Sub \_\_\_\_\_ T-Pulled 3:15  
 (E) Second Initial Flow 67  Hourly Standby \_\_\_\_\_ T-Out 5:18  
 (F) Second Final Flow 98  Mileage 60x2 = 12 or 1.55x2 Comments Had to do another short trip  
 (G) Final Shut-In 1135  Sampler 186 372<sup>00</sup> 3rd called out on 4-23-2012 to  
 (H) Final Hydrostatic 1851  Straddle \_\_\_\_\_ test changed mind stayed on well  
 Shale Packer \_\_\_\_\_ with 40' hole size - correct codes  
 Extra Packer \_\_\_\_\_ tools on 4/20/12  
 Extra Recorder \_\_\_\_\_ 4/16/06  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30  
 Day Standby 1 day + 10 3/4 hrs  
 Accessibility \_\_\_\_\_  
 Sub Total 1522  
 Sub Total 800  
 Total 2322  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_

Our Representative [Signature]

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.