

**WELL NAME:** Brown A #1  
**COMPANY:** American Warrior Inc.  
**LOCATION:** 10-17s-11w  
Barton co KS  
**DATE:** 4/6/00

TRILOBITE TESTING L.L.C.

OPERATOR : American Warrior Inc. DATE 04-01-200  
 WELL NAME: Brown "A" #1 KB 1864.00 ft TICKET NO: 12446 DST #1  
 LOCATION : 10-17s11w Barton co KS GR 1856.00 ft FORMATION: LKC J  
 INTERVAL : 3180.00 To 3202.00 ft TD 3202.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	24174	24174	3227			PF Fr. 0526 to 0611 hr
SI 45 Range(Psi )	3925.0	3925.0	4995.0	0.0	0.0	IS Fr. 0611 to 0656 hr
SF 45 Clock(hrs)	12hr	12hr	elect			SF Fr. 0656 to 0741 hr
FS 45 Depth(ft )	3199.0	3199.0	3181.0	0.0	0.0	FS Fr. 0741 to 0826 hr

	Field	1	2	3	4	
A. Init Hydro	1545.0	1540.0	1555.0	0.0	0.0	T STARTED 0350 hr
B. First Flow	30.0	49.0	12.0	0.0	0.0	T ON BOTM 0524 hr
B1. Final Flow	30.0	38.0	21.0	0.0	0.0	T OPEN 0526 hr
C. In Shut-in	286.0	296.0	331.0	0.0	0.0	T PULLED 0826 hr
D. Init Flow	30.0	69.0	15.0	0.0	0.0	T OUT 0937 hr
E. Final Flow	30.0	38.0	25.0	0.0	0.0	
F. Fl Shut-in	286.0	296.0	339.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1500.0	1530.0	1516.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	0	0	i	s		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 48000.00 lbs
						Unseated Str Wt 48000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 30.00 ft
						D.P. Length 3147.00 ft

RECOVERY

Tot Fluid 30.00 ft of 30.00 ft in DC and 0.00 ft in DP  
 210.00 ft of Gas in pipe.  
 30.00 ft of Heavy oil cut mud  
 0.00 ft of 40% oil 60% mud  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:  
 Weak 1/8" blow building to 7.5".  
 Initial Shut-In:  
 Weak surface blow.  
 Final Flow:  
 7" blow building to bottom of bucket  
 in 16 minutes.  
 Final Shut-In:  
 No blow.

SAMPLES:  
 SENT TO:

MUD DATA-----  
 Mud Type Chemical  
 Weight 9.30 lb/cf  
 Vis. 45.00 S/L  
 W.L. 9.20 in3  
 F.C. 0.00 in  
 Mud Drop N  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 102.00 F  
 Hole Condition Good  
 % Porosity 0.00  
 Packer Size 6.75 in  
 No. of Packers 2  
 Cushion Amt. 0.00  
 Cushion Type  
 Reversed Out N  
 Tool Chased N  
 Tester Paul Simpson  
 Co. Rep. Ron Nelson  
 Contr. Discovery  
 Rig # 2  
 Unit #  
 Pump T.

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Brown "A" #1

LOCATION : 10-17s11w Barton co KS

TICKET No. 12446 D.S.T. No. 1 DATE 04-01-200

TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 21

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR ..... 22

TOTAL TOOL ..... 43

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY ..... 43

D.C. ABOVE TOOLS.Stands1 Single Total 30

D.P. ABOVE TOOLS.Stands50 Single 1 Total 3147

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3220

TOTAL DEPTH ..... 3202

TOTAL DRILL PIPE ABOVE K.B. .... 18

REMARKS:

Sampler Data

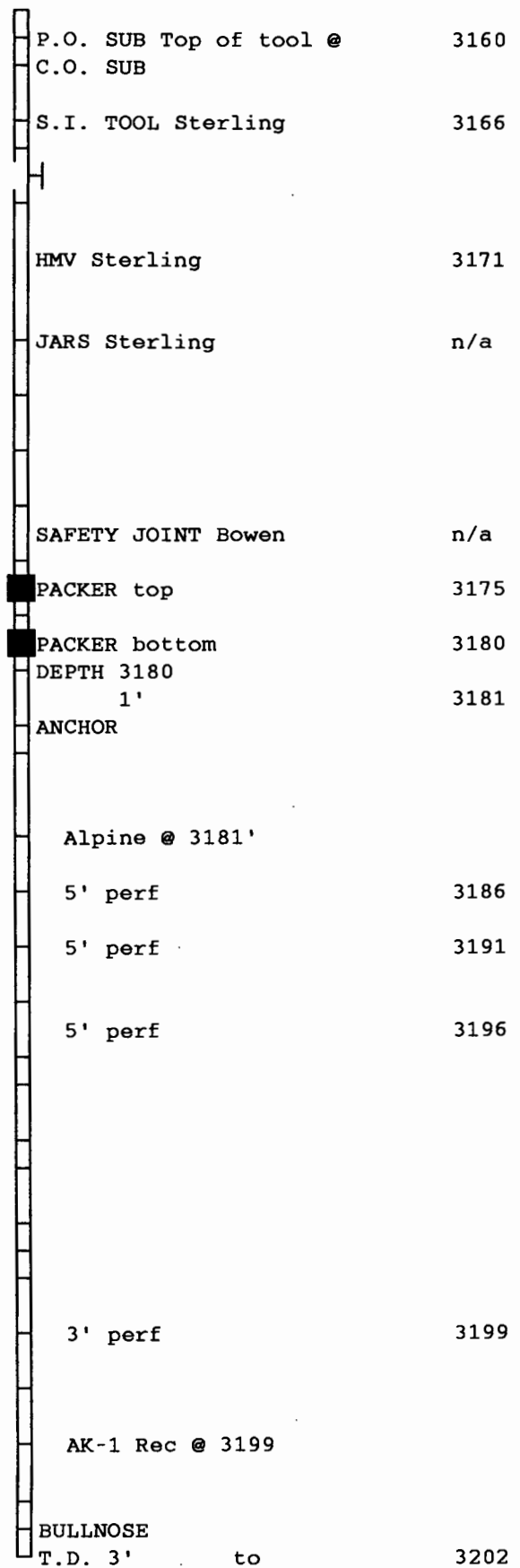
not run

ml-----oil

ml-----

4000ml capacity

# pressure



# TEST HISTORY

12446 Brown A #1 DST #1 American Warrior

## Flag Points

t(Min.) P(PSig)

A:	0.00	1554.62
B:	0.00	12.08
C:	47.75	21.01
D:	44.50	331.21
E:	0.00	15.40
F:	44.25	24.00
G:	45.75	338.84
Q:	0.00	1516.23

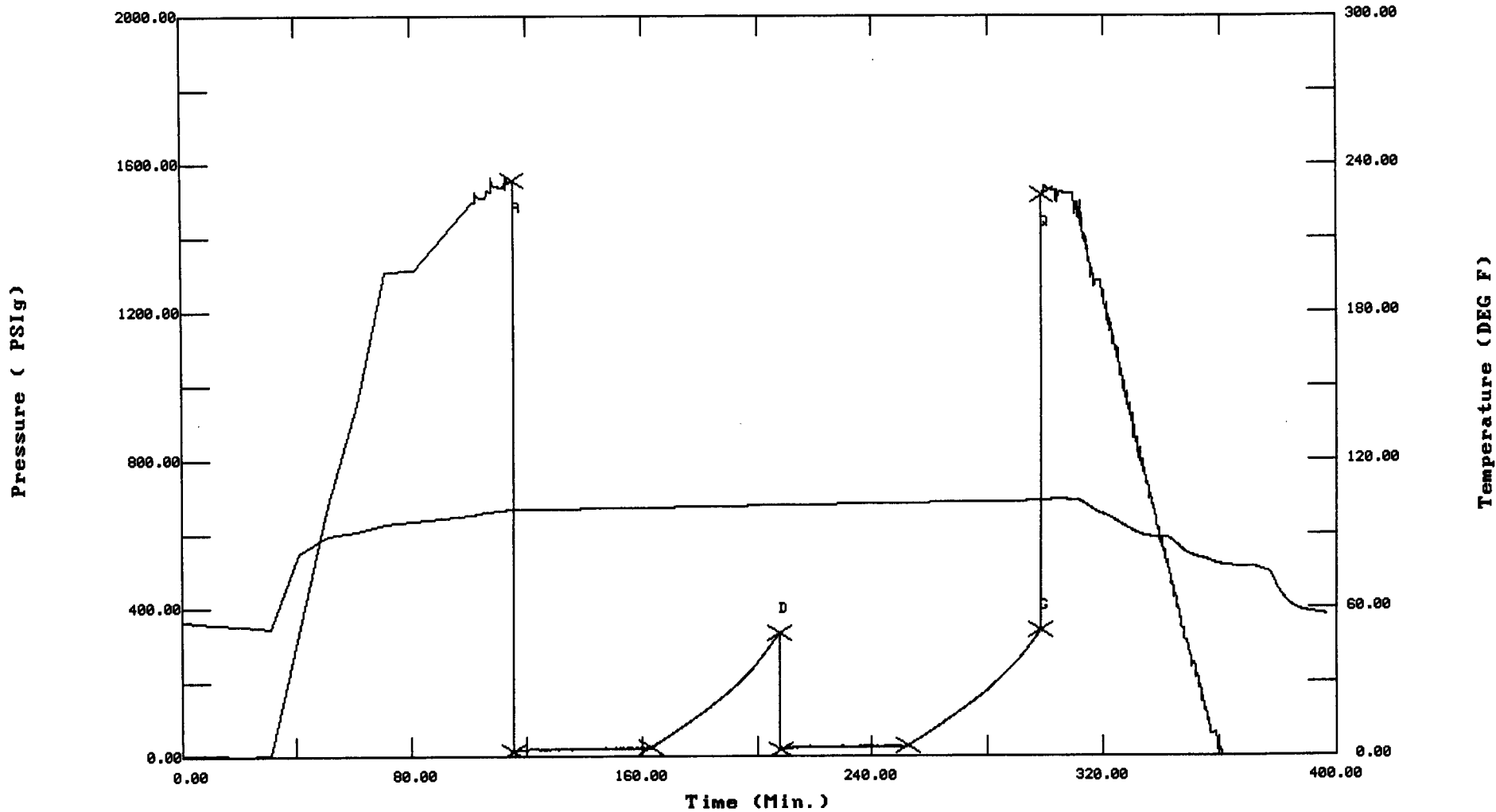
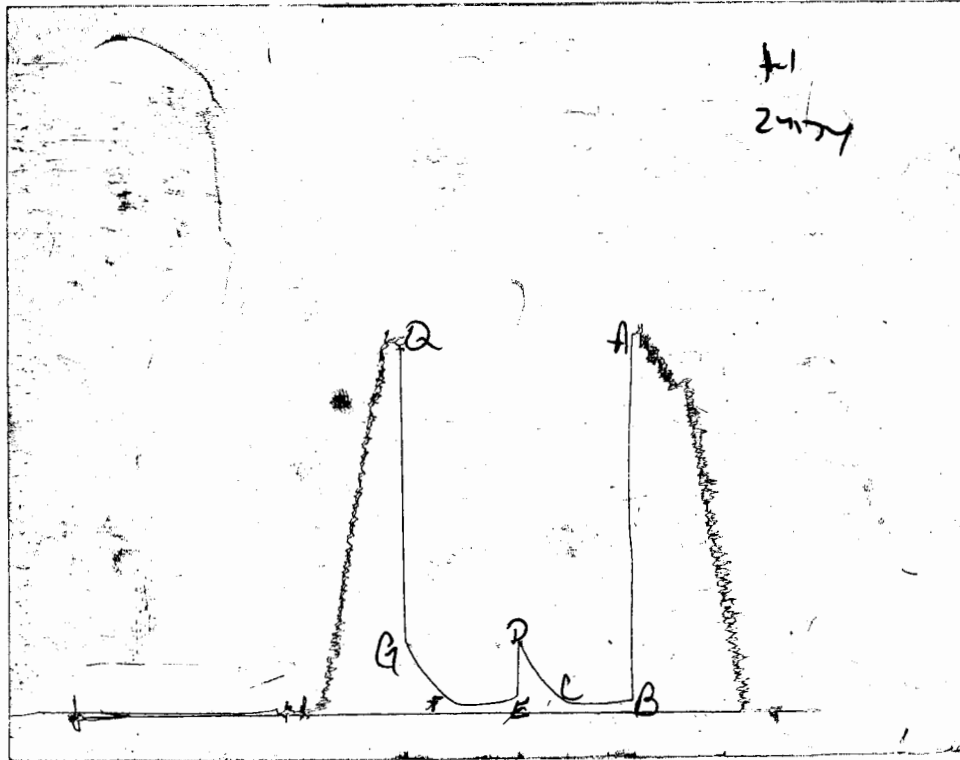


CHART PAGE



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

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 12446

Well Name & No. <u>Brown 'A' #1</u>	Test No. <u>1</u>	Date <u>4-1-2000</u>
Company <u>American Warrior</u>	Zone Tested <u>LKJ</u>	
Address <u>Box 399 Garden City KS 67846</u>	Elevation <u>1864</u>	KB <u>1856</u> GL
Co. Rep / Geo. <u>Ron Nelson</u>	Cont. <u>Discovery #2</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>10</u> Twp. <u>13s</u>	Rge. <u>11W</u>	Co. <u>Barton</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>3180 - 3202</u>	Initial Str Wt./Lbs. <u>48,000</u>	Unseated Str Wt./Lbs. <u>48,000</u>
Anchor Length <u>22</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>60,000</u>
Top Packer Depth <u>3175</u>	Tool Weight <u>2000</u>	
Bottom Packer Depth <u>3180</u>	Hole Size — 7 7/8" _____	Rubber Size — 6 3/4" _____
Total Depth <u>3202</u>	Wt. Pipe Run _____	Drill Collar Run <u>30</u>
Mud Wt. <u>9.3</u> LCM _____ Vis. <u>45</u> WL <u>9.2</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run _____
Blow Description <u>weak 1/8" blow building to 2 1/2"</u>		
<u>FSI weak surface blow</u>		
<u>FSI 5" blow building to bottom of bucket in 16 minutes</u>		
<u>FSI - no blow</u>		

Recovery — Total Feet <u>30</u>	GIP <u>210</u>	Ft. in DC <u>30</u>	Ft. in DP _____
Rec. <u>30</u> Feet Of <u>HOLM</u>	%gas <u>40</u>	%oil _____	%water <u>60</u> %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT _____ °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery	Chlorides _____ ppm System	

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>15045</u>	<u>1555</u>	<u>3227</u>	<u>0130</u>
(B) First Initial Flow Pressure	<u>30</u>	<u>12</u>	(depth) <u>3181</u>	T-Started <u>0350</u>
(C) First Final Flow Pressure	<u>30</u>	<u>21</u>	PSI Recorder No. <u>1564 24174</u>	T-Open <u>0526</u>
(D) Initial Shut-In Pressure	<u>286</u>	<u>331</u>	(depth) <u>3197</u>	T-Pulled <u>0826</u>
(E) Second Initial Flow Pressure	<u>30</u>	<u>15</u>	PSI Recorder No. _____	T-Out <u>0937</u>
(F) Second Final Flow Pressure	<u>30</u>	<u>25</u>	(depth) _____	T-Off Location _____
(G) Final Shut-in Pressure	<u>286</u>	<u>339</u>	PSI Initial Opening <u>45</u>	Test <u>600</u>
(Q) Final Hydrostatic Mud	<u>1500</u>	<u>1518</u>	PSI Initial Shut-in <u>45</u>	Jars _____

Final Flow <u>45</u>	Safety Joint _____
Final Shut-in <u>45</u>	Straddle _____
<u>51 stands</u>	Circ. Sub _____
	Sampler _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE 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 [Signature]  
 Our Representative Paul Simpson

cat had — Other 5 stands by 15  
 TOTAL PRICE \$ 7165

Well Name Brown

DST Number 1

Recorder Number 24174

A: 2034 1540

B: .067 49

C: .051 38

D: .394 296

E: .094 49

F: .051 38

G: .394 296

Q: 2.021 1530