

15-033-21026

**CONFIDENTIAL**

**KCC**

**ORIGINAL**

**Well Name:** Barnes 1-30  
**Company:** American Warrior Inc.  
**Location:** 30-32s-19w  
Comanche county Kansas  
**Date:** 9-14-99

**RECEIVED**  
STATE CORPORATION COMMISSION

JAN 28 2000

JAN 28 2002

JAN 28 2000

**CONFIDENTIAL**

**FROM CONFIDENTIAL**

CONSERVATION DIVISION

CONFIDENTIAL

ORIGINAL

TRILOBITE TESTING L.L.C.

OPERATOR : American Warrior, Inc.

DATE 09/12/199

WELL NAME: Barnes #1-30

KB 1919.90 ft

TICKET NO: 12308

DST #1

LOCATION : 30-32s-19w Comanche co KS

GR 1909.90 ft

FORMATION: Viola

INTERVAL : 5789.00 To 5830.00 ft

TD 5830.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10332	10332	3246			PF Fr. 2215 to 2245 hr
SI 60 Range(Psi )	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 2245 to 2345 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 2345 to 0045 hr
FS 90 Depth(ft )	5727.0	5727.0	5703.0	0.0	0.0	FS Fr. 0045 to 0215 hr

	Field	1	2	3	4	
A. Init Hydro	2864.0	2828.0	2854.0	0.0	0.0	T STARTED 1950 hr
B. First Flow	81.0	74.0	22.0	0.0	0.0	T ON BOTM 2213 hr
B1. Final Flow	81.0	74.0	26.0	0.0	0.0	T OPEN 2215 hr
C. In Shut-in	1774.0	1766.0	1805.0	0.0	0.0	T PULLED 0215 hr
D. Init Flow	81.0	74.0	12.0	0.0	0.0	T OUT 0400 hr
E. Final Flow	81.0	74.0	25.0	0.0	0.0	
F. Fl Shut-in	1763.0	1761.0	1797.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2894.0	2825.0	2886.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 20.00 ft of 20.00 ft in DC and 0.00 ft in DP  
 5777.00 ft of Gas in pipe  
 20.00 ft of Very slight gassy mud 4% gas 96% mud  
 0.00 ft of  
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow:  
 Strong blow bottom of bucket in  
 40 secs. gas to surface in 26 ins.  
 Initial Shut-in:  
 Bled down for 10 mins.No blow back.  
 Final Flow:  
 Strong blow bottom of bucket in  
 10 secs. gauge gas  
 Final Shut-in:  
 Bled down for 10 mins. no blow back

SAMPLES:  
SENT TO:

Test Successful: Y

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MUD DATA-----	
Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	53.00 S/L
W.L.	7.10 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	128.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren L.Amerine
Co. Rep.	Alan Downing
Contr.	Duke
Rig #	7
Unit #	none
Pump T.	no

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GAS RECOVERY

MPANY: American Warrior, Inc.

DATE: 09/12/199

LL NAME: Barnes #1-30

KB Elev: 1919.90 ft TICKET #12308 DST #1

LL LOCATION: 30-32s-19w Comanche co KS

GR Elev: 1909.90 ft FORMATION: Viola

PERVAL Fr.: 5789.00 To 5830.00 T.D.: 5830.00 ft TEST TYPE: CONVENTIONAL

S RECOVERY MEASURED WITH Adj.choke

\*\*\* GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
26	0.50	0	13	22800.0
30	0.25	0	35	10100.0

\*\*\* GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.38	4	0	39000.0
20	0.38	6	0	48800.0
30	0.38	6	0	48800.0
40	0.38	6	0	48800.0
50	0.38	6	0	48800.0
60	0.38	6	0	48800.0

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TK#12308 DST#1 Barnes #1-30 American,Warrior.

# TEST HISTORY

Flag Points

t (Min.)	P (Psig)
R: 0.00	2854.11
B: 0.00	24.22
C: 29.00	25.50
D: 59.25	1804.62
E: 0.00	11.76
F: 56.50	25.00
G: 92.50	1796.53
Q: 0.00	2886.13

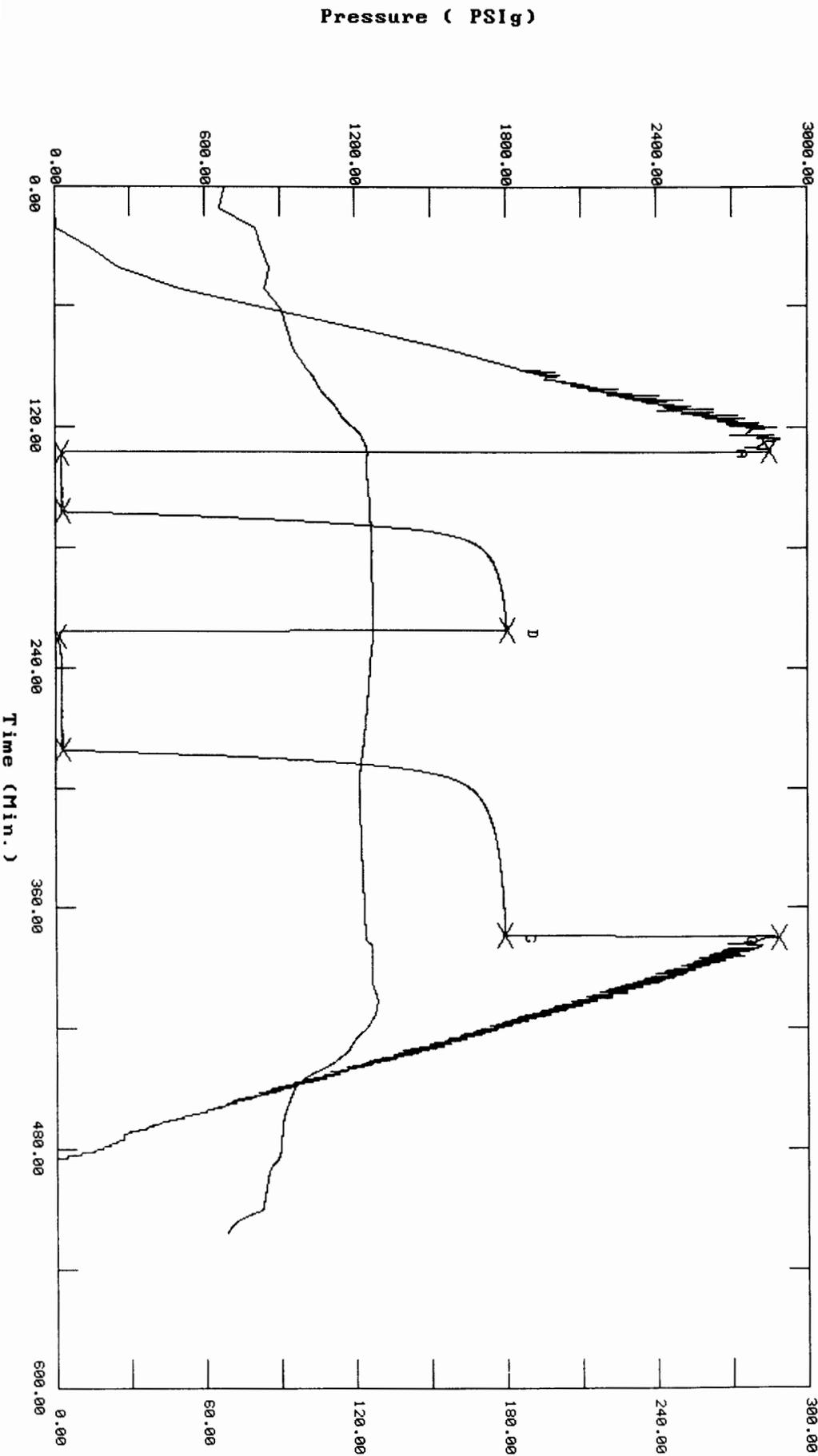
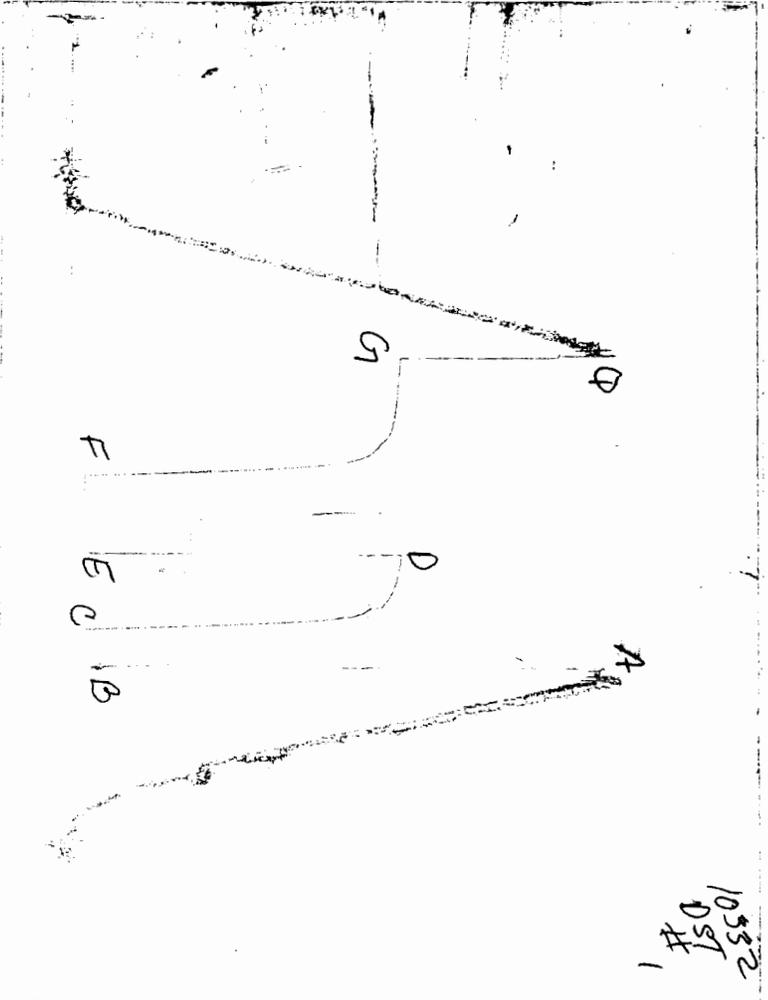


CHART PAGE



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

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N<sup>o</sup> 12308

## Test Ticket

Well Name & No. <u>Barnes 1-30</u>	Test No. <u>#1</u>	Date <u>09/12/1999</u>
Company <u>American Warrior Inc.</u>	Zone Tested <u>Viola</u>	
Address <u>P.O. box 399 Garden City KS 67846-0399</u>	Elevation <u>1919.9</u> KB <u>1905.9</u> GL	
Co. Rep / Geo. <u>AL Downing</u>	Cont. <u>Duke #7</u>	Est. Ft. of Pay <u>    </u> Por. <u>    </u> %
Location: Sec. <u>30</u> Twp. <u>32<sup>s</sup></u> Rge. <u>19<sup>w</sup></u> Co. <u>Comanche</u> State <u>KS</u>		
No. of Copies <u>5</u> Distribution Sheet (Y, N) <u>    </u> Turnkey (Y, N) <u>    </u> Evaluation (Y, N) <u>    </u>		

Interval Tested <u>5789' - 5830'</u>	Initial Str Wt./Lbs. <u>85.00</u>	Unseated Str Wt./Lbs. <u>85.00</u>
Anchor Length <u>41'</u>	Wt. Set Lbs. <u>20.00</u>	Wt. Pulled Loose/Lbs. <u>9.00</u>
Top Packer Depth <u>5785'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>5789'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>5730'</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>532.34</u>
Mud Wt. <u>9.1<sup>+</sup></u> LCM <u>5<sup>#</sup></u> Vis. <u>53</u> WL <u>72</u>	Drill Pipe Size <u>4 1/2 x 11</u>	Ft. Run <u>5265.75</u>
Blow Description <u>TF: Strong blow b.o.b in 40 sec. G.I.S in 26 mins.</u>		
<u>TSI: Bled down for 10 mins no blow back.</u>		
<u>EF: Strong blow b.o.b in 10 sec. Gauge gas</u>		
<u>FST: Bled down for 10 mins no blow back.</u>		

Recovery — Total Feet <u>20'</u>	GIP <u>5777'</u>	Ft. in DC <u>20'</u>	Ft. in DP <u>    </u>	
Rec. <u>20</u> Feet Of <u>VSBM</u>	<u>4</u> %gas	%oil	%water <u>96</u> %mud	
Rec. <u>5777</u> Feet Of <u>GIP</u>	%gas	%oil	%water	%mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water	%mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water	%mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water	%mud
BHT <u>128<sup>o</sup></u> °F Gravity <u>    </u> °API D@ <u>    </u> °F Corrected Gravity <u>    </u> °API				
RW <u>    </u> @ <u>    </u> °F Chlorides <u>    </u> ppm Recovery Chlorides <u>7,100</u> ppm System				

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2864</u>	<u>2854</u>	PSI Recorder No. <u>3246</u>	T-On Location <u>    </u>	
(B) First Initial Flow Pressure	<u>81</u>	<u>22</u>	PSI (depth) <u>5787'</u>	T-Started <u>19:50</u>	
(C) First Final Flow Pressure	<u>81</u>	<u>26</u>	PSI Recorder No. <u>10332</u>	T-Open <u>22:15</u>	
(D) Initial Shut-In Pressure	<u>1774</u>	<u>1805</u>	PSI (depth) <u>5727'</u>	T-Pulled <u>02:15</u>	
(E) Second Initial Flow Pressure	<u>81</u>	<u>12</u>	PSI Recorder No. <u>    </u>	T-Out <u>04:00</u>	
(F) Second Final Flow Pressure	<u>81</u>	<u>25</u>	PSI (depth) <u>    </u>	T-Off Location <u>05:00</u>	
(G) Final Shut-in Pressure	<u>1763</u>	<u>1797</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>	
(Q) Final Hydrostatic Mud	<u>2894</u>	<u>2886</u>	PSI Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>	
			Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/>	
			Final Shut-in <u>90</u>	Straddle <u>    </u>	

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Approved By AL Downing

Our Representative Darwin S. Ammer

Circ. Sub       
 Sampler       
 Extra Packer       
 Elec. Rec.   
 Mileage       
 Other       
 TOTAL PRICE \$