

DRILL STEM TEST REPORT

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

PO Box 399
Garden City KS 67846-0399

ATTN: Steve Murphy

11-31S-8W

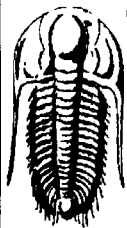
Banta#1-11

Start Date: 2005.01.26 @ 01:18:09

End Date: 2005.01.26 @ 09:04:39

Job Ticket #: 19927 DST #: 1

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

American Warrior, inc.

PO Box 399
Garden City KS 67846-0399

ATTN: Steve Murphy

Banta#1-11

11-31S-8W

Job Ticket: 19927

DST#: 1

Test Start: 2005.01.26 @ 01:18:09

GENERAL INFORMATION:

Formation: **Mississippian**

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

Time Tool Opened: 03:25:24

Time Test Ended: 09:04:39

Test Type: **Conventional Bottom Hole**

Tester: **Darren L. Amerine**

Unit No: **30**

Interval: **4415.00 ft (KB) To 4426.00 ft (KB) (TVD)**

Total Depth: **4426.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1654.00 ft (KB)**

1646.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 6625

Inside

Press@RunDepth: **31.20 psig @ 4416.00 ft (KB)**

Start Date: **2005.01.26**

End Date:

2005.01.26

Start Time: **01:18:12**

End Time:

09:04:39

Capacity: **7000.00 psig**

Last Calib.: **2005.01.26**

Time On Btm: **2005.01.26 @ 03:24:09**

Time Off Btm: **2005.01.26 @ 06:40:24**

TEST COMMENT:

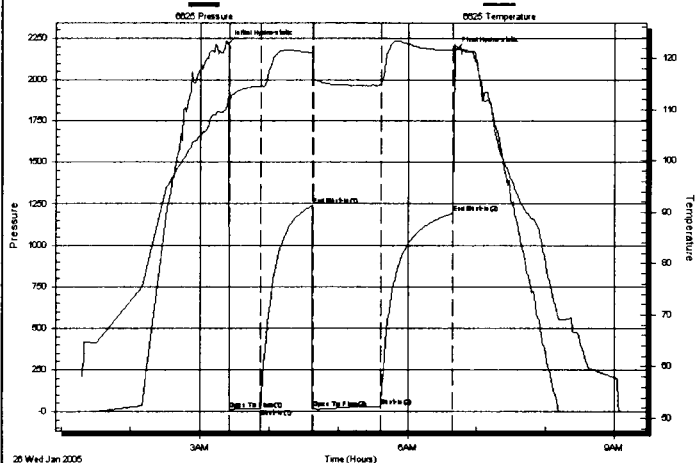
IF: Strong blow b.o.b in 10 sec.

IS: Bled down n for 10 mins. no blow back.

FF: Strong blow b.o.b in 10 sec. GTS in 5 mins. TSTM 10 mins. gauge gas.

FS: Bled down n for 10 mins. no blow back.

Pressure vs. Time



PRESSURE SUMMARY

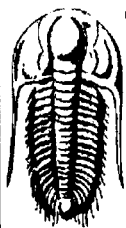
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.24	112.28	Initial Hydro-static
2	13.25	111.56	Open To Flow (1)
29	19.70	114.52	Shut-In (1)
73	1238.36	121.01	End Shut-In (1)
74	16.92	115.61	Open To Flow (2)
132	31.20	114.75	Shut-In (2)
196	1195.06	121.48	End Shut-In (2)
197	2171.07	122.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4357' of gas in pipe	0.00
40.00	SO&GCMW10% gas 4% oil 10% water 75% 0.561	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	3.00	6.51
Last Gas Rate	0.13	9.50	8.95
Max. Gas Rate	0.13	9.50	8.95



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, inc.

Banta#1-11

PO Box 399
Garden City KS 67846-0399

11-31S-8W

Job Ticket: 19927

DST#:1

ATTN: Steve Murphy

Test Start: 2005.01.26 @ 01:18:09

Tool Information

Drill Pipe:	Length: 4397.00 ft	Diameter: 3.80 inches	Volume: 61.68 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 61.68 bbl</u>	Tool Chased	1.50 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4415.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	11.00 ft				
Tool Length:	35.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4392.00	
Shut In Tool	5.00			4397.00	
Hydraulic tool	5.00			4402.00	
Safety Joint	3.00			4405.00	
Packer	5.00			4410.00	24.00 Bottom Of Top Packer
Packer	5.00			4415.00	
Stubb	1.00			4416.00	
Recorder	0.00	6625	Inside	4416.00	
Anchor	7.00			4423.00	
Recorder	0.00	10991	Outside	4423.00	
Bullnose	3.00			4426.00	11.00 Bottom Packers & Anchor

Total Tool Length: 35.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, inc.

Banta#1-11

PO Box 399
Garden City KS 67846-0399

11-31S-8W

Job Ticket: 19927

DST#: 1

ATTN: Steve Murphy

Test Start: 2005.01.26 @ 01:18:09

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: 75000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.58 in³

Gas Cushion Type:

Resistivity: 0.90 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4357' of gas in pipe	0.000
40.00	SO&GCVMM10%gas 4%oil 10%water 76%mu	0.561

Total Length: 40.00 ft Total Volume: 0.561 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: .09@75'degrees=75000



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

American Warrior, inc.

Banta#1-11

PO Box 399
Garden City KS 67846-0399

11-31S-8W

Job Ticket: 19927

DST#: 1

ATTN: Steve Murphy

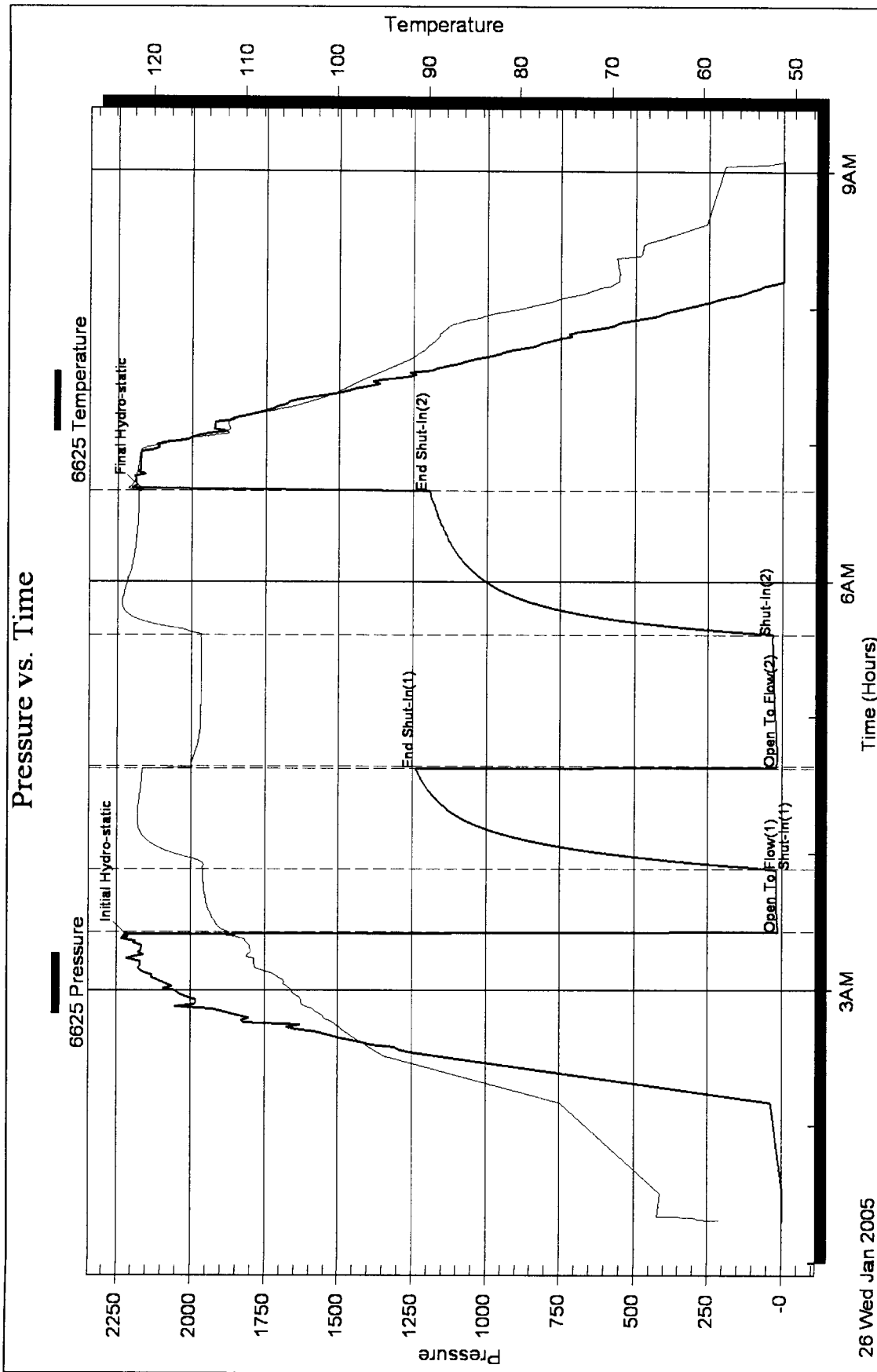
Test Start: 2005.01.26 @ 01:18:09

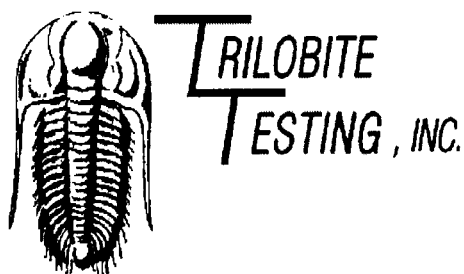
Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
2	10	0.13	3.00	6.51
2	10	0.13	3.00	6.51
2	20	0.13	3.50	6.70
2	30	0.13	6.00	7.64
2	40	0.13	8.00	8.38
2	50	0.13	9.00	8.76
2	60	0.13	9.50	8.95





DRILL STEM TEST REPORT

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

PO Box 399
Garden City KS 67846-0399

ATTN: Steve Murphy

11-31S-8W

Banta#1-11

Start Date: 2005.01.26 @ 14:57:03

End Date: 2005.01.26 @ 23:30:03

Job Ticket #: 19928 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

American Warrior, inc.

Banta#1-11

PO Box 399
Garden City KS 67846-0399

11-31S-8W

Job Ticket: 19928

DST#: 2

ATTN: Steve Murphy

Test Start: 2005.01.26 @ 14:57:03

GENERAL INFORMATION:

Formation: **Mississippian**

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

Time Tool Opened: 17:43:03

Time Test Ended: 23:30:03

Test Type: **Conventional Bottom Hole**

Tester: **Darren L. Amerine**

Unit No: **30**

Interval: **4417.00 ft (KB) To 4430.00 ft (KB) (TVD)**

Total Depth: **4430.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1654.00 ft (KB)**

1646.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625

Inside

Press@RunDepth: **62.59 psig @ 4418.00 ft (KB)**

Start Date: **2005.01.26**

End Date:

2005.01.26

Capacity: **7000.00 psig**

Last Calib.: **2005.01.26**

Start Time: **14:57:06**

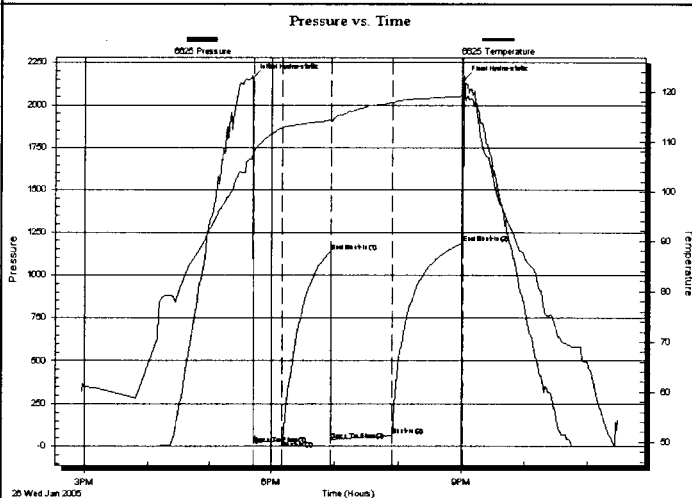
End Time:

23:30:03

Time On Btm: **2005.01.26 @ 17:41:33**

Time Off Btm: **2005.01.26 @ 21:01:48**

TEST COMMENT: **F: Fair blow b.o.b in 70 sec.**
IS: Bled down for 5 mins. no blow back.
FF: Strong blow b.o.b in 10 sec.
FSt: Bled down for 5 mins. no blow back.



PRESSURE SUMMARY

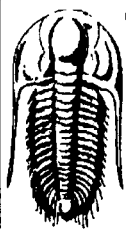
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2158.98	107.41	Initial Hydro-static
2	14.68	108.14	Open To Flow (1)
29	35.93	112.88	Shut-In(1)
74	1134.02	114.42	End Shut-In(1)
75	34.58	114.08	Open To Flow (2)
132	62.59	117.91	Shut-In(2)
200	1185.89	119.14	End Shut-In(2)
201	2148.64	123.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4277' of gip	0.00
120.00	GO&MCW 10% gas 8% oil 60% water 22%	1.68

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, inc.

Banta#1-11

PO Box 399
Garden City KS 67846-0399

11-31S-8W

Job Ticket: 19928

DST#: 2

ATTN: Steve Murphy

Test Start: 2005.01.26 @ 14:57:03

Tool Information

Drill Pipe:	Length: 4397.00 ft	Diameter: 3.80 inches	Volume: 61.68 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 61.68 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4417.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4394.00	
Shut In Tool	5.00			4399.00	
Hydraulic tool	5.00			4404.00	
Safety Joint	3.00			4407.00	
Packer	5.00			4412.00	24.00 Bottom Of Top Packer
Packer	5.00			4417.00	
Stubb	1.00			4418.00	
Recorder	0.00	6625	Inside	4418.00	
Anchor	9.00			4427.00	
Recorder	0.00	10991	Outside	4427.00	
Bullnose	3.00			4430.00	13.00 Bottom Packers & Anchor

Total Tool Length: 37.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, inc.

Banta#1-11

PO Box 399
Garden City KS 67846-0399

11-31S-8W

Job Ticket: 19928

DST#: 2

ATTN: Steve Murphy

Test Start: 2005.01.26 @ 14:57:03

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:

75000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.79 in³

Gas Cushion Type:

Resistivity: 0.90 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4277' of gip	0.000
120.00	GO&MCW 10%gas 8%oil 60%w ater 22%mud	1.683

Total Length: 120.00 ft Total Volume: 1.683 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .09@75'degrees=75000

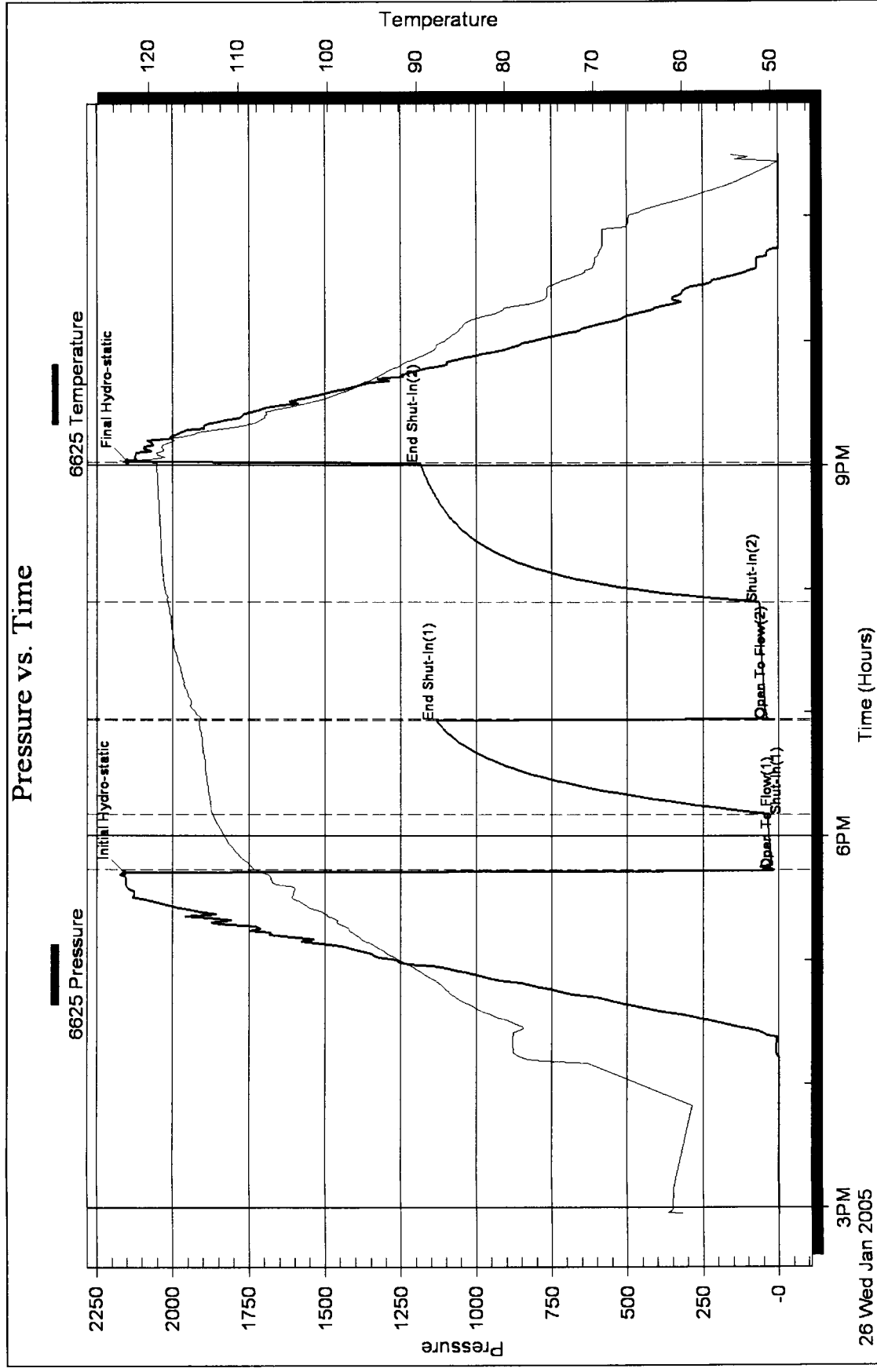
Serial #: 6625

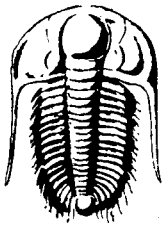
Inside

American Warrior inc.

11-31S-8W

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19927

05/03

Test Ticket

Well Name & No. Banta #1-11 Test No. #1 Date 1-26-05
Company American Warrior, Inc. P.O. box 399 Zone Tested M. ss. ss. 1400
Address Garden City, KS 67846-0399 Elevation 1654 KB 1646 GL
Co. Rep / Geo. Steve Murphy Cont. Duke #2 Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 11 Twp. 31 S Rge. 8 W Co. Harper, Co. State KS
No. of Copies 5 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4415' - 4426' Initial Str Wt./Lbs. 7000 Unseated Str Wt./Lbs. 70000
Anchor Length 11' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 75000
Top Packer Depth 4410' Tool Weight 2100
Bottom Packer Depth 4415' Hole Size 7 7/8" Rubber Size 6 3/4"
Total Depth 4426' Wt. Pipe Run N/A Drill Collar Run N/A
Mud Wt. 9.3 LCM 3# Vis. 46 WL 10.6 Drill Pipe Size 4 1/2 X # Ft. Run 4397'
Blow Description TF: Strong blow h.o.b in 10 sec.
IST: Bled down for 10 mins. No blow back
FF: Strong blow h.o.b in 10 sec. GIS in 5 mins TSTM Gauge Bar.
FSL: Bled down 10 mins. No blow back.
Recovery - Total Feet 40' GIP 4357' Ft. in DC N/A Ft. in DP 40'
Rec. 40 Feet of 50% GCM 10 %gas 4 %oil 10 %water 76 %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 121° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
RW .09 @ 75 °F Chlorides 7500 ppm Recovery _____ Chlorides 4500 ppm System

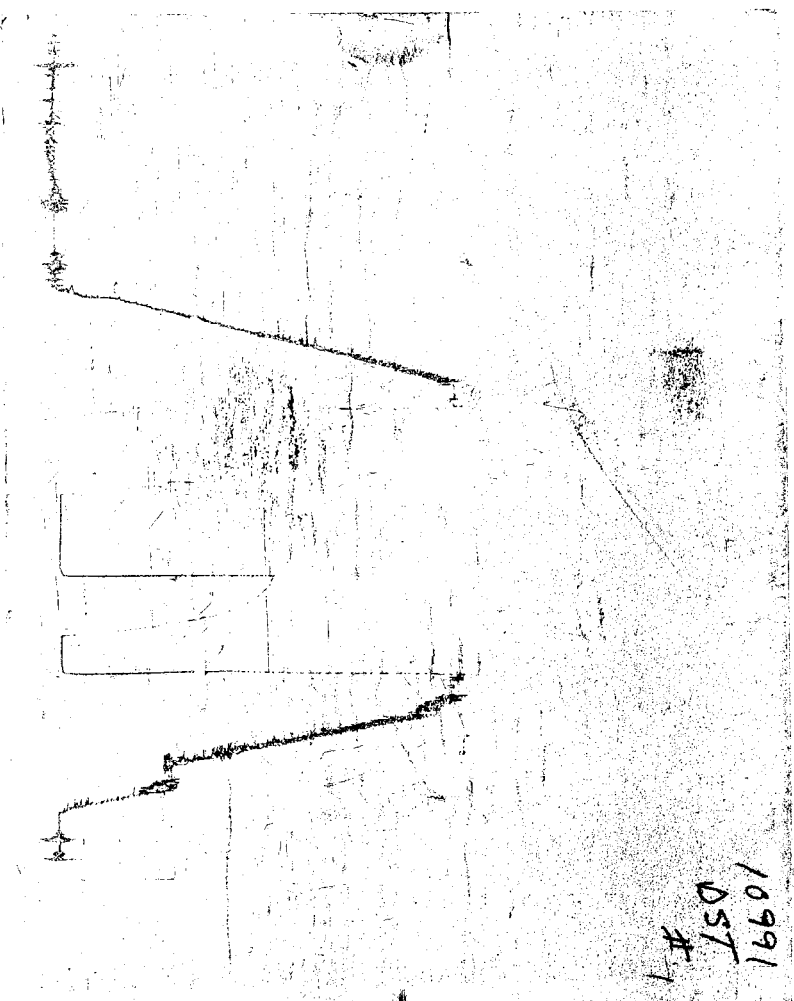
AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2216</u>	PSI	<u>6625</u>	<u>1000</u>
(B) First Initial Flow Pressure	<u>13</u>	PSI	(depth) <u>4416'</u>	Elec. Rec. <u>✓</u>
(C) First Final Flow Pressure	<u>20</u>	PSI	Recorder No. <u>10991</u>	Jars _____
(D) Initial Shut-In Pressure	<u>1238</u>	PSI	(depth) <u>4423'</u>	Safety Jt. <u>✓</u> <u>50</u>
(E) Second Initial Flow Pressure	<u>17</u>	PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>31</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>1195</u>	PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>2170</u>	PSI	Initial Shut-In <u>75</u>	Ext. Packer _____
			Final Flow <u>60</u>	Shale Packer _____
			Final Shut-In <u>60</u>	Mileage <u>55</u>
			T-On Location <u>0045</u>	Sub Total: <u>1105.0</u>
			T-Started <u>0117</u>	Std. By _____
			T-Open <u>0320</u>	Other _____
			T-Pulled <u>0635</u>	Total: _____
			T-Out <u>0904</u>	

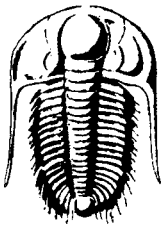
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Steve Murphy
Our Representative Darin Lemerise

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19928

05/03

Test Ticket

Well Name & No.	Banta #1-11	Test No.	#2	Date	1-26-05
Company	American Warrior Inc. P.O. box 399	Zone Tested	Mississippian		
Address	Garden City, KS. 67846-0399	Elevation	1654	KB	1646
Co. Rep / Geo.	Steve Murphy	Cont.	Duke #2	Est. Ft. of Pay	
Location: Sec.	11	Twp.	31 S	Rge.	8 W
		Co.	Harper Co.	State	KS
No. of Copies	5	Disbtribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	4417' - 4430'	Initial Str Wt./Lbs.	70,000	Unseated Str Wt./Lbs.	70,000
Anchor Length	13'	Wt. Set Lbs.	20,000	Wt. Pulled Loose/Lbs.	30,000
Top Packer Depth	4412'	Tool Weight	2100		
Bottom Packer Depth	4417'	Hole Size	7 7/8"	Rubber Size	6 3/4"
Total Depth	4430'	Wt. Pipe Run	N/A	Drill Collar Run	N/A
Mud Wt.	9.1 LCM 1# Vis. 40 WL 12.8	Drill Pipe Size	4 1/2 x H	Ft. Run	4277'
Blow Description	IF! Fair blow D.O.D. in 70 sec. IST! Bled down for 5 mins. No blow back. FF! Strong blow D.O.D. in 10 sec. FST! Bled down for 10 mins. No blow back.				
Recovery - Total Feet	120'	GIP	4277'	Ft. in DC	N/A
Rec.	120'	Feet of	60% MCW	%gas	8
Rec.	4277'	Feet of	GIP	%oil	60
Rec.				%water	22
Rec.				%mud	
BHT	1190	°F Gravity		°API D @	
RW	.09	@ 75 °F	Chlorides 75000 ppm	Recovery	
			Chlorides 50000 ppm	System	

(A) Initial Hydrostatic Mud	AK-1	Alpine	2159	PSI	Recorder No.	6625	Test	1000
(B) First Initial Flow Pressure			15	PSI	(depth)	4418'	Elec. Rec.	
(C) First Final Flow Pressure			36	PSI	Recorder No.	10991	Jars	
(D) Initial Shut-In Pressure			1134	PSI	(depth)	4427'	Safety Jt.	50
(E) Second Initial Flow Pressure			35	PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure			63	PSI	(depth)		Sampler	
(G) Final Shut-In Pressure			1186	PSI	Initial Opening	30	Straddle	
(Q) Final Hydrostatic Mud			2149	PSI	Initial Shut-In	45	Ext. Packer	
					Final Flow	60	Shale Packer	
					Final Shut-In	60	Mileage	
					T-On Location	1750	Sub Total:	1050
					T-Started	1457	Std. By	
					T-Open	1740	Other	
					T-Pulled	2035-	Total:	
						2330		

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.

Approved By: Steve Murphy

Our Representative: Darren Schmeiser

CHART PAGE

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

