

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Downing

13-10s-21w Graham

Cindy & Suzanne #1

Start Date: 2005.04.04 @ 20:18:47

End Date: 2005.04.05 @ 02:48:32

Job Ticket #: 21041 DST #: 1

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

DRILL STEM TEST REPORT

American Warrior

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Dow ning

Cindy & Suzanne #1

13-10s-21w Graham

Job Ticket: 21041 **DST#: 1**

Test Start: 2005.04.04 @ 20:18:47

GENERAL INFORMATION:

Formation: **Lans**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:21:47
Time Test Ended: 02:48:32

Test Type: Conventional Bottom Hole
Tester: Paul & Ryan
Unit No: 32

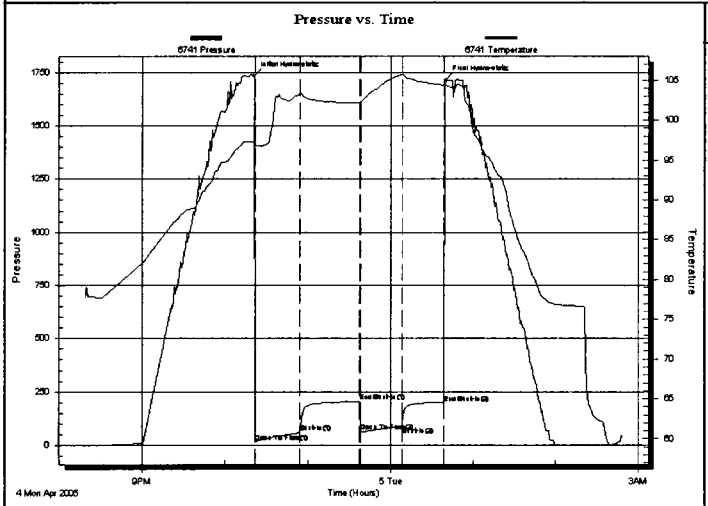
Interval: 3541.00 ft (KB) To 3600.00 ft (KB) (TVD)
Total Depth: 3600.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2280.00 ft (KB)
2273.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6741 **Inside**
Press@RunDepth: 86.95 psig @ 3544.00 ft (KB)
Start Date: 2005.04.04 End Date: 2005.04.05
Start Time: 20:18:49 End Time: 02:48:32

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.04.04 @ 22:21:02
Time Off Btm: 2005.04.05 @ 00:40:02

TEST COMMENT: IFP-1/2 in blow building to 10 in
ISI-no blow
FFP-surface blow building to 6 in
FSI- no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1734.00	97.22	Initial Hydro-static
1	14.55	96.86	Open To Flow (1)
33	57.71	103.37	Shut-In(1)
77	202.14	102.17	End Shut-In(1)
77	61.30	102.14	Open To Flow (2)
107	86.95	105.70	Shut-In(2)
138	196.32	104.39	End Shut-In(2)
139	1715.43	104.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mw 60%w 40%m	1.68
50.00	w m 10%w 90%m (clean oil in tool)	0.70

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Dow ning

Cindy & Suzanne #1

13-10s-21w Graham

Job Ticket: 21041 **DST#: 1**

Test Start: 2005.04.04 @ 20:18:47

Tool Information

Drill Pipe:	Length:	3547.00 ft	Diameter:	3.80 inches	Volume:	49.76 bbl	Tool Weight:		2200.00 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:		48000.00 lb
					Total Volume:	49.76 bbl	Tool Chased		ft
Drill Pipe Above KB:		27.00 ft					String Weight:	Initial	46000.00 lb
Depth to Top Packer:		3541.00 ft						Final	46000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		54.00 ft							
Tool Length:		75.00 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			3521.00		
Shut In Tool	5.00			3526.00		
Hydraulic tool	5.00			3531.00		
Packer	5.00			3536.00	21.00	Bottom Of Top Packer
Packer	5.00			3541.00		
Stubb	1.00			3542.00		
Perforations	2.00			3544.00		
Recorder	0.00	6741	Inside	3544.00		
Change Over Sub	1.00			3545.00		
Blank Spacing	31.00			3576.00		
Change Over Sub	1.00			3577.00		
Perforations	15.00			3592.00		
Recorder	0.00	13221	Outside	3592.00		
Bullnose	3.00			3595.00	54.00	Bottom Packers & Anchor
Total Tool Length:	**75.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Dow ning

Cindy & Suzanne #1

13-10s-21w Graham

Job Ticket: 21041 **DST#: 1**

Test Start: 2005.04.04 @ 20:18:47

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:	73000 ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

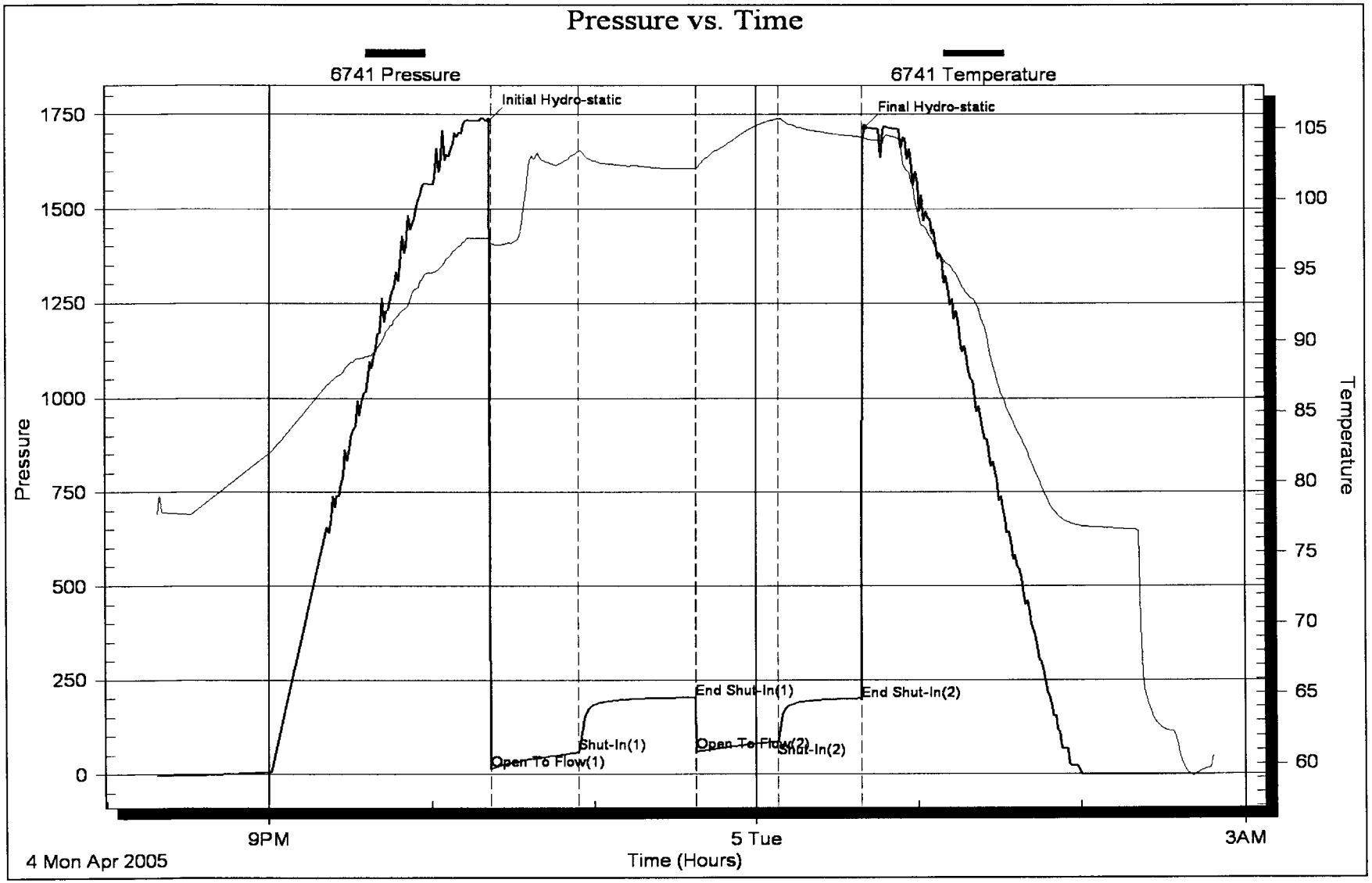
Length ft	Description	Volume bbl
120.00	mw 60%w 40%m	1.683
50.00	w m 10%w 90%m (clean oil in tool)	0.701

Total Length: 170.00 ft Total Volume: 2.384 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW .11@62


Pressure vs. Time
6741 Pressure
6741 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
105
100
95
90
85
80
75
70
65
60
9PM
5 Tue
3AM
4 Mon Apr 2005
Time (Hours)

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Downing

13-10s-21w Graham

Cindy & Suzanne #1

Start Date: 2005.04.06 @ 05:02:45
End Date: 2005.04.06 @ 12:00:45
Job Ticket #: 21042 DST #: 2

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

American Warrior

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Dow ning

Cindy & Suzanne #1

13-10s-21w Graham

Job Ticket: 21042 **DST#: 2**

Test Start: 2005.04.06 @ 05:02:45

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:42:45
Time Test Ended: 12:00:45

Test Type: Conventional Bottom Hole
Tester: Jason & Ryan
Unit No: 32

Interval: 3777.00 ft (KB) To 3821.00 ft (KB) (TVD)
Total Depth: 3821.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

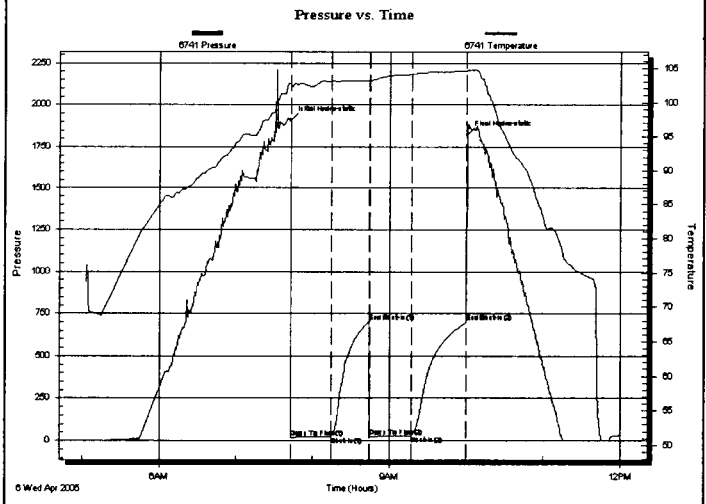
Reference Elevations: 2280.00 ft (KB)
2273.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 30.03 psig @ 3788.00 ft (KB)
Start Date: 2005.04.06 End Date: 2005.04.06
Start Time: 05:02:47 End Time: 12:00:45

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.04.06 @ 07:42:30
Time Off Btm: 2005.04.06 @ 10:00:30

TEST COMMENT: IFP- surface blow building to 3 in.
ISI- no blow
FFP- surface blow building to 1 in.
FSI- no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1911.40	102.76	Initial Hydro-static
1	18.53	102.31	Open To Flow (1)
32	23.70	103.07	Shut-In(1)
62	700.60	103.14	End Shut-In(1)
63	26.09	103.06	Open To Flow (2)
95	30.03	104.14	Shut-In(2)
138	698.74	104.56	End Shut-In(2)
138	1823.34	104.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	clean oil	0.07
10.00	ocm 25%o - 75%m	0.14

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Downing

Cindy & Suzanne #1

13-10s-21w Graham

Job Ticket: 21042 **DST#: 2**

Test Start: 2005.04.06 @ 05:02:45

Tool Information

Drill Pipe:	Length:	3767.00 ft	Diameter:	3.80 inches	Volume:	52.84 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	52.84 bbl	

Drill Pipe Above KB:	11.00 ft
Depth to Top Packer:	3777.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	44.00 ft
Tool Length:	65.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	50000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	48000.00 lb
Final	48000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3757.00		
Shut In Tool	5.00			3762.00		
Hydraulic tool	5.00			3767.00		
Packer	5.00			3772.00	21.00	Bottom Of Top Packer
Packer	5.00			3777.00		
Stubb	1.00			3778.00		
Perforations	10.00			3788.00		
Recorder	0.00	6741	Inside	3788.00		
Perforations	30.00			3818.00		
Recorder	0.00	13252	Outside	3818.00		
Bullnose	3.00			3821.00	44.00	Bottom Packers & Anchor
Total Tool Length:	**65.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Dow ning

Cindy & Suzanne #1

13-10s-21w Graham

Job Ticket: 21042 **DST#: 2**

Test Start: 2005.04.06 @ 05:02:45

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:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.18 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

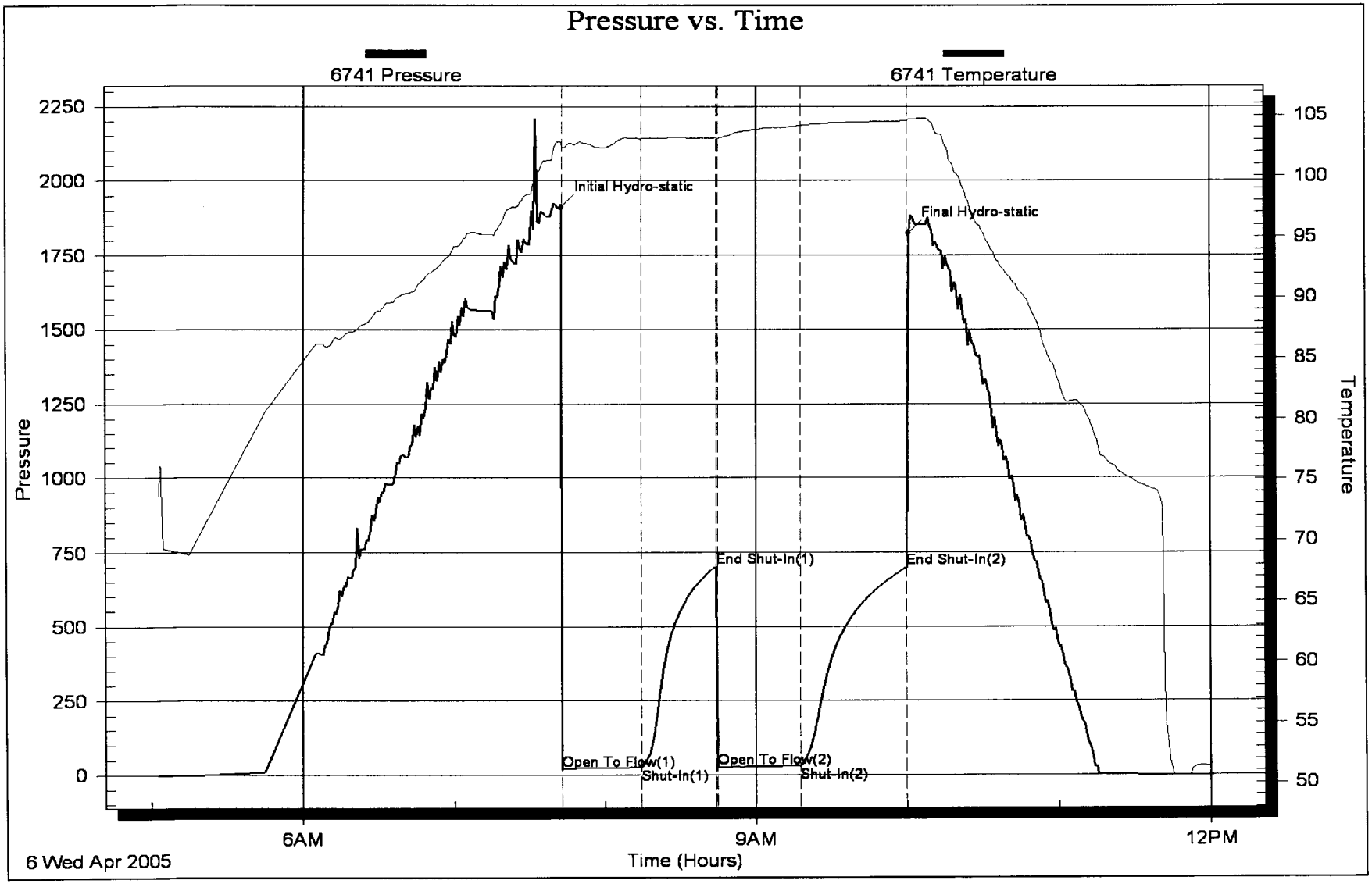
Length ft	Description	Volume bbl
5.00	clean oil	0.070
10.00	ocm 25%o - 75%m	0.140

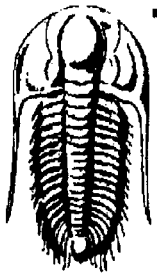
Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
Time (Hours)
6AM
9AM
12PM
6 Wed Apr 2005
2250
2000
1750
1500
1250
1000
750
500
250
0
105
100
95
90
85
80
75
70
65
60
55
50



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Downing

13-10s-21w Graham

Cindy & Suzanne #1

Start Date: 2005.04.06 @ 20:18:04
End Date: 2005.04.07 @ 03:12:34
Job Ticket #: 21043 DST #: 3

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

American Warrior

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Dow ning

Cindy & Suzanne #1

13-10s-21w Graham

Job Ticket: 21043 **DST#: 3**

Test Start: 2005.04.06 @ 20:18:04

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:21:19
Time Test Ended: 03:12:34

Test Type: Conventional Bottom Hole
Tester: Jason & Ryan
Unit No: 32

Interval: 3823.00 ft (KB) To 3835.00 ft (KB) (TVD)
Total Depth: 3835.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

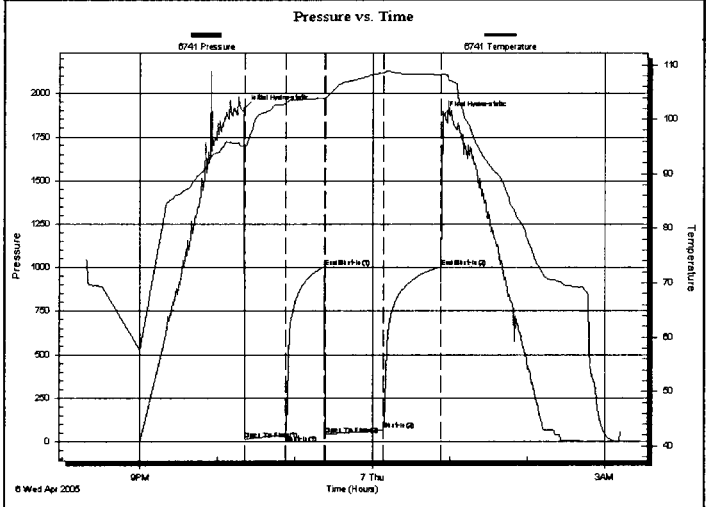
Reference Elevations: 2280.00 ft (KB)
2273.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 66.06 psig @ 3825.00 ft (KB)
Start Date: 2005.04.06 End Date: 2005.04.07
Start Time: 20:18:06 End Time: 03:12:34

Capacity: 7000.00 psig
Last Calib.: 2005.04.07
Time On Btm: 2005.04.06 @ 22:21:04
Time Off Btm: 2005.04.07 @ 00:54:34

TEST COMMENT: IFP - fair blow building to 7 in.
ISI - no blow
FFP - fair blow building to 7 1/2 in.
FSI - no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1911.08	95.18	Initial Hydro-static
1	14.72	94.85	Open To Flow (1)
32	37.89	102.91	Shut-In(1)
62	1003.11	103.94	End Shut-In(1)
63	40.84	103.76	Open To Flow (2)
107	66.06	108.56	Shut-In(2)
152	1003.63	108.24	End Shut-In(2)
154	1876.21	108.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	clean oil	0.49
90.00	muddy w ater	1.26

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Dow ning

Cindy & Suzanne #1

13-10s-21w Graham

Job Ticket: 21043 **DST#: 3**

Test Start: 2005.04.06 @ 20:18:04

Tool Information

Drill Pipe:	Length:	3826.00 ft	Diameter:	3.80 inches	Volume:	53.67 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	53.67 bbl	

Drill Pipe Above KB:	24.00 ft
Depth to Top Packer:	3823.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	12.00 ft
Tool Length:	33.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	50000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	44000.00 lb
Final	45000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3803.00		
Shut In Tool	5.00			3808.00		
Hydraulic tool	5.00			3813.00		
Packer	5.00			3818.00	21.00	Bottom Of Top Packer
Packer	5.00			3823.00		
Stubb	1.00			3824.00		
Perforations	1.00			3825.00		
Recorder	0.00	6741	Inside	3825.00		
Perforations	7.00			3832.00		
Recorder	0.00	13252	Outside	3832.00		
Bullnose	3.00			3835.00	12.00	Bottom Packers & Anchor
Total Tool Length:	**33.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

P.O. Box 399
Garden City, KS 67846

ATTN: Alan Dow ning

Cindy & Suzanne #1

13-10s-21w Graham

Job Ticket: 21043 **DST#: 3**

Test Start: 2005.04.06 @ 20:18:04

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	31 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	64000 ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

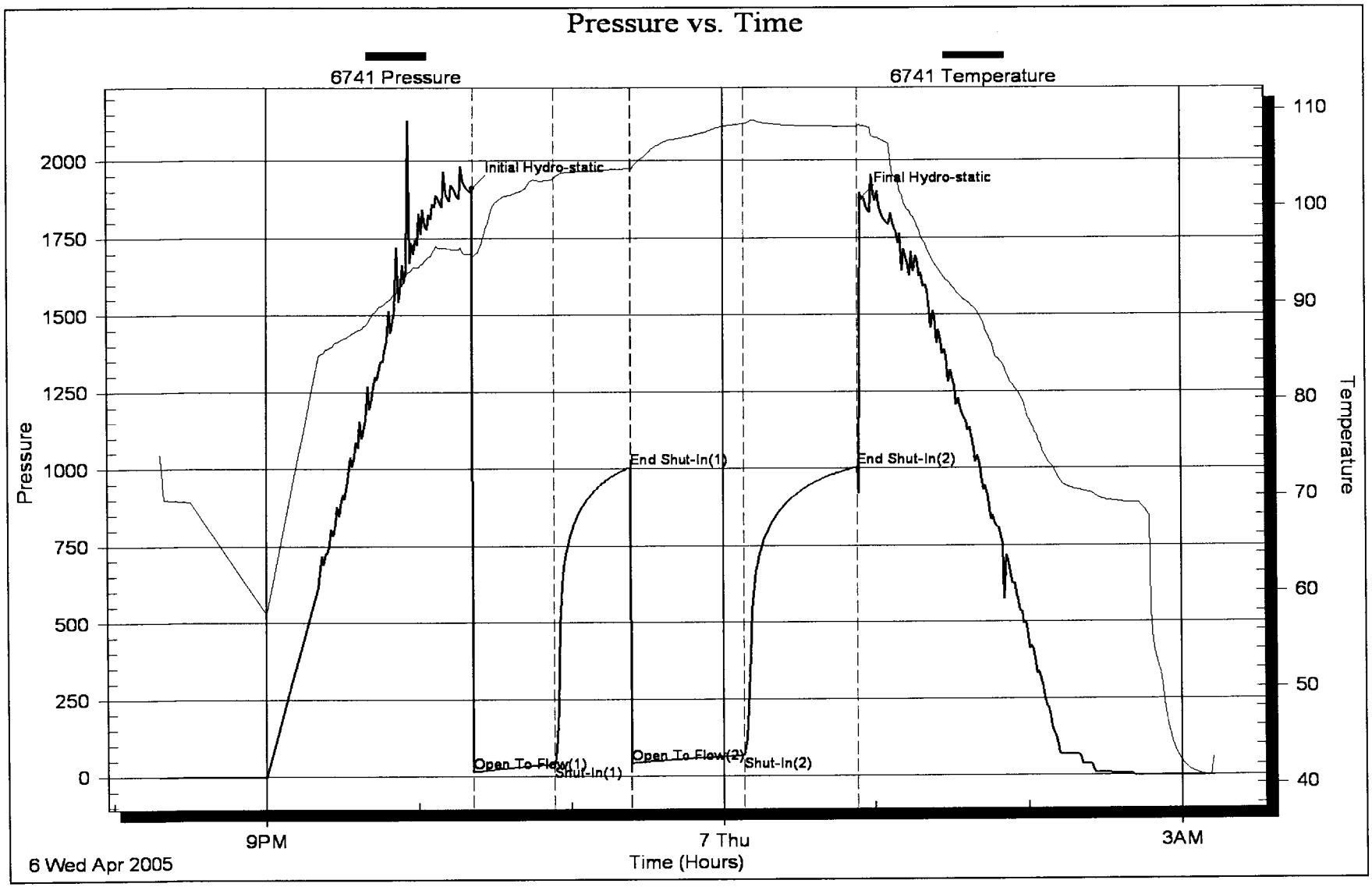
Length ft	Description	Volume bbl
35.00	clean oil	0.491
90.00	muddy w ater	1.262

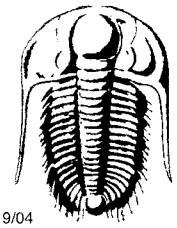
Total Length: 125.00 ft Total Volume: 1.753 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2000
1750
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
40
9PM
7 Thu
3AM
6 Wed Apr 2005
Time (Hours)



9/04

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 1372

№ 21041

Test Ticket

Well Name & No. Cindy & Suzanne #1B Test No. 1 Date 4-04-05

Company American Warrior Zone Tested Lans

Address P.O. Box 399, Garden City, KS 67846 Elevation 2280' KB 2273 GL

Co. Rep / Geo. Alan Downing Cont. American Eagle Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 13 Twp. 10S Rge. 21 W Co. Graham State KS

No. of Copies _____ Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3541 - 3600 Initial Str Wt./Lbs. 46000 Unseated Str Wt/Lbs. 46000

Anchor Length 59' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 48000

Top Packer Depth 3536 Tool Weight 2200

Bottom Packer Depth 3541 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 3600 Wt. Pipe Run 0 Drill Collar Run 0

Mud Wt. 8.9 LCM _____ Vis. 58 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3547

Blow Description IFP - 1/2 in building to 10 in.
ISI - No Blow
FFP - Surface blow building to 6
FSI - No blow

Recovery - Total Feet 170 GIP 0 Ft. in DC 0 Ft. in DP 170

Rec. 50	Feet of WM	0 %gas	0 %oil	10 %water	90 %mud
Rec. 120	Feet of MW	0 %gas	0 %oil	60 %water	40 %mud
Rec. _____	Feet of _____	%gas	%oil	%water	%mud
Rec. _____	Feet of _____	%gas	%oil	%water	%mud
Rec. _____	Feet of _____	%gas	%oil	%water	%mud

BHT 104 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW .11 @ 62 °F Chlorides _____ ppm Recovery 3000 Chlorides _____ ppm System

	AK-1	Alpine
(A) Initital Hydrostatic Mud		1734 PSI
(B) First Initial Flow Pressure		14.55 PSI
(C) First Final Flow Pressure		57.71 PSI
(D) Initial Shut-In Pressure		202.14 PSI
(E) Second Initial Flow Pressure		61.30 PSI
(F) Second Final Flow Pressure		86.95 PSI
(G) Final Shut-In Pressure		196.32 PSI
(Q) Final Hydrostatic Mud		1715.43 PSI

Recorder No.	6741
(depth)	3545
Recorder No.	13052
(depth)	3582
Recorder No.	
(depth)	
Initial Opening	30
Initial Shut-In	45
Final Flow	30
Final Shut-In	30
T-On Location	19:58
T-Started	20:18
T-Open	22:21
T-Pulled	00:36
T-Out	

Test ✓	900
Jars	
Safety Jt.	
Circ Sub	
Sampler	
Straddle	
Ext. Packer	
Shale Packer	
Ruined Packer	
Mileage 76 RT	76
Sub Total:	976
Std. By	
Other	
Total:	

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 Paul / Ryan

Our Representative _____

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9/04

№ 21042

Test Ticket

Well Name & No. Cindy + Suzanne #1 Test No. 2 Date 4-6-05

Company American Warrior Zone Tested Arbuckle

Address P.O. Box 399, Garden City, KS 67846 Elevation 2280 KB 2273 GL

Co. Rep / Geo. Alan Downing Cont. American Eagle Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 13 Twp. 10S Rge. 21W Co. Graham State KS

No. of Copies Reg Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3777 - 3821 Initial Str Wt./Lbs. 48000 Unseated Str Wt/Lbs. 48,000

Anchor Length 44' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50,000

Top Packer Depth 3772 Tool Weight 2200

Bottom Packer Depth 3777 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3821 Wt. Pipe Run 0 Drill Collar Run 0

Mud Wt. 8.9 LCM _____ Vis. 58 WL 7.2 Drill Pipe Size 4½ XH Ft. Run 3767

Blow Description IFP - surface blow building to 3 in.

ISI - no blow

FFP - surface blow building to 1 in

FSI - no blow

Recovery - Total Feet 15 GIP _____ Ft. in DC _____ Ft. in DP _____

Rec. 5	Feet of Clean Oil	%gas		%oil		%water		%mud
Rec. 10	Feet of OCM	%gas	25	%oil		%water	75	%mud
Rec. _____	Feet of _____	%gas		%oil		%water		%mud
Rec. _____	Feet of _____	%gas		%oil		%water		%mud
Rec. _____	Feet of _____	%gas		%oil		%water		%mud

BHT 105 °F Gravity 31 °API D @ 55 °F Corrected Gravity 31 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1911	PSI	Recorder No.	6741	Test	✓ 900
(B) First Initial Flow Pressure		19	PSI	(depth)	3787	Jars	
(C) First Final Flow Pressure		24	PSI	Recorder No.	13221	Safety Jt.	
(D) Initial Shut-In Pressure		701	PSI	(depth)	3818	Circ Sub	
(E) Second Initial Flow Pressure		27	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		30	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		699	PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1823	PSI	Initial Shut-In	30	Shale Packer	
				Final Flow	30	Ruined Packer	
				Final Shut-In	45	Mileage	76
				T-On Location	4:15	Sub Total:	976
				T-Started	5:02	Std. By	
				T-Open	7:43	Other	
				T-Pulled	9:58	Total:	
				T-Out	12:00		

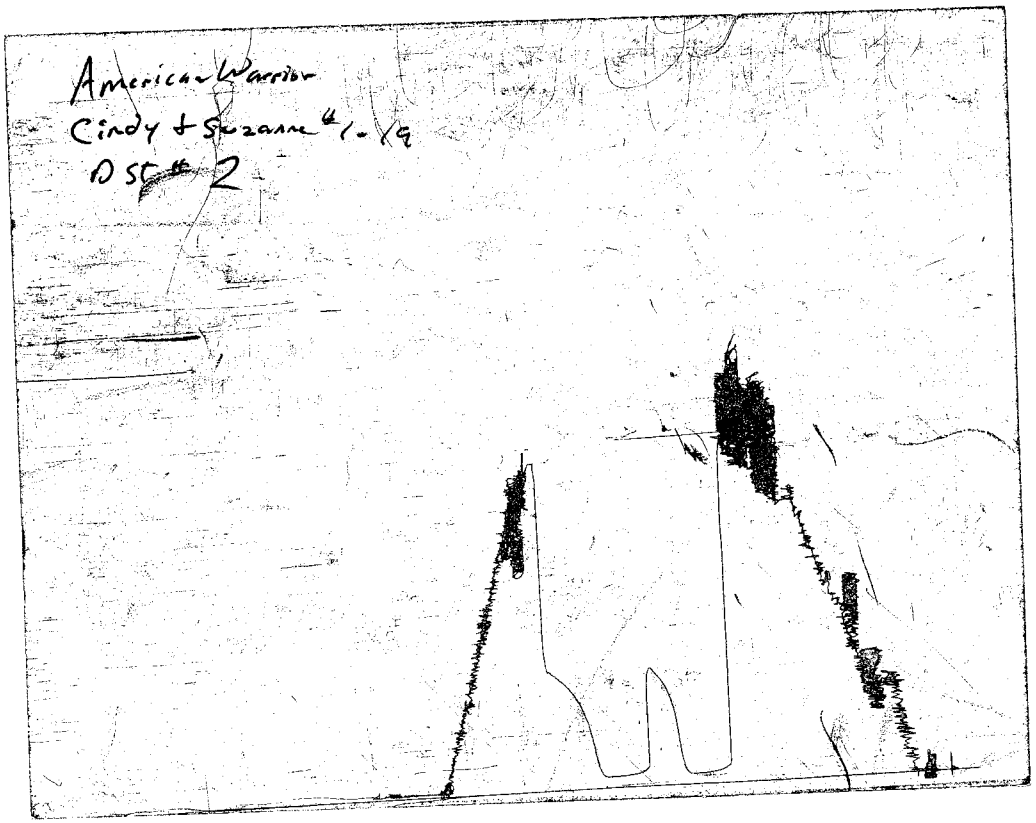
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

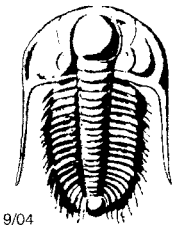
Approved By _____

Our Representative Jason McLemore

CHART PAGE

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





9/04

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

№ 21043

Test Ticket

Well Name & No. Cindy + Suzanne #1 Test No. 3 Date 4-6-05

Company American Warrior Zone Tested Arbuckle

Address P.O. Box 399 Garden City, KS 67846 Elevation 2280 KB 2273 GL

Co. Rep / Geo. Alan Downing Cont. American Eagle Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 13 Twp. 10s Rge. 21w Co. Graham State KS

No. of Copies _____ Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3823 - 3835 Initial Str Wt./Lbs. 44,000 Unseated Str Wt/Lbs. 45000

Anchor Length 12 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 50000

Top Packer Depth 3818 Tool Weight 2200

Bottom Packer Depth 3823 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3835 Wt. Pipe Run 0 Drill Collar Run 0

Mud Wt. 8.9 LCM _____ Vis. 58 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3827

Blow Description 1FP - Fair blow building to 7 in.

ISI - No blow

FFP - Fair blow building to 7 1/2 in.

FSI - No blow

Recovery - Total Feet 125 GIP _____ Ft. in DC _____ Ft. in DP _____

Rec. 35	Feet of clean oil	%gas	%oil	%water	%mud
Rec. 90	Feet of Muddy water	%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 108 °F Gravity 30 °API D @ 45 °F Corrected Gravity 31 °API

RW .16 @ 45 °F Chlorides 64,000 ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1911	PSI	Recorder No.	6741	Test ✓	900
(B) First Initial Flow Pressure		15	PSI	(depth)	3825	Jars	
(C) First Final Flow Pressure		38	PSI	Recorder No.	13221	Safety Jt.	
(D) Initial Shut-In Pressure		1003	PSI	(depth)	3832	Circ Sub	
(E) Second Initial Flow Pressure		41	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		66	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		1004	PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1876	PSI	Initial Shut-In	30	Shale Packer	
				Final Flow	45	Ruined Packer	
				Final Shut-In	45	Mileage	76
				T-On Location	19:00	Sub Total:	976
				T-Started	20:18	Std. By	
				T-Open	22:22	Other	
				T-Pulled	00:52	Total:	
				T-Out	3:12		

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 _____

Our Representative Jason McLamore

CHART PAGE

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

