15-025-21400 29-30s-23w

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 369
Garden City KS 67846

ATTN: James Dilts

29 30 23 Clark KS

Esplund Farms 5-29

Start Date: 2007.06.13 @ 19:30:10
End Date: 2007.06.14 @ 04:29:25
Job Ticket #: 27321 DST #: 1

KCC
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CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 13 2007
CONSERVATION DIVISION
WICHITA, KS

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

American Warrior Inc
Esplund Farms 5-29
29 30 23 Clark KS
DST # 1
Morrow
2007.06.13

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc

PO Box 369
Garden City KS 67846

ATTN: James Dilts

Esplund Farms 5-29

29 30 23 Clark KS

Job Ticket: 27321 **DST#: 1**

Test Start: 2007.06.13 @ 19:30:10

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:33:10
Time Test Ended: 04:29:25

Test Type: Conventional Bottom Hole
Tester: Delton Brown
Unit No: 20

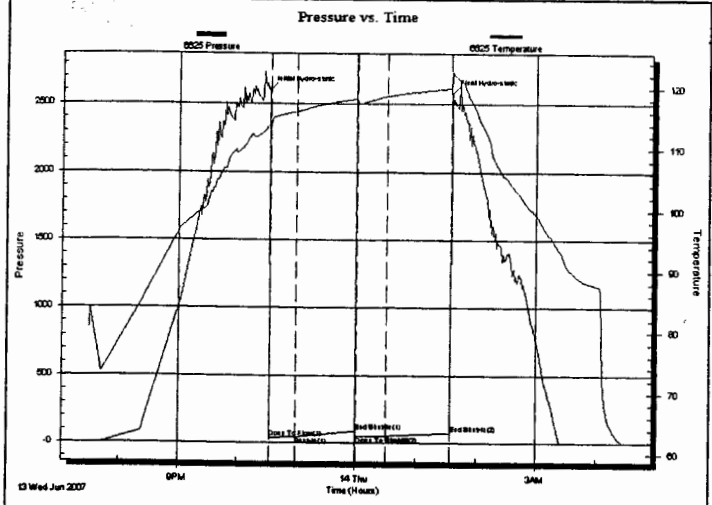
Interval: 5328.00 ft (KB) To 5390.00 ft (KB) (TVD)
Total Depth: 5390.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2478.00 ft (KB)
2466.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6625 **Inside**
Press@RunDepth: 52.89 psig @ 5329.00 ft (KB)
Start Date: 2007.06.13 End Date: 2007.06.14
Start Time: 19:30:11 End Time: 04:29:25

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2007.06.13 @ 22:32:40
Time Off Btm: 2007.06.14 @ 01:34:55

TEST COMMENT: IF Weak blow , 1/2 " into bucket
ISI No return blow
FF Weak surface blow 3-4 bubbles died
FSI No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2605.45	113.92	Initial Hydro-static
1	33.34	113.49	Open To Flow (1)
28	43.35	116.15	Shut-In(1)
88	87.28	118.25	End Shut-In(1)
89	50.14	117.66	Open To Flow (2)
118	52.89	118.66	Shut-In(2)
182	73.81	119.96	End Shut-In(2)
183	2581.05	121.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	Mw /spot Oil 100%M	0.49

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

PO Box 369
Garden City KS 67846

ATTN: James Dilts

Esplund Farms 5-29

29 30 23 Clark KS

Job Ticket: 27321 **DST#: 1**

Test Start: 2007.06.13 @ 19:30:10

Tool Information

Drill Pipe:	Length:	5036.00 ft	Diameter:	3.80 inches	Volume:	70.64 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:	271.00 ft	Diameter:	2.25 inches	Volume:	1.33 bbl	Weight to Pull Loose:		100000.0 lb
					Total Volume:	71.97 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		6.00 ft					String Weight:	Initial	84000.00 lb
Depth to Top Packer:		5328.00 ft						Final	84000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		62.00 ft							
Tool Length:		89.00 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			5302.00		
Shut In Tool	5.00			5307.00		
Hydraulic tool	5.00			5312.00		
Jars	5.00			5317.00		
Safety Joint	2.00			5319.00		
Packer	5.00			5324.00	27.00	Bottom Of Top Packer
Packer	4.00			5328.00		
Stubb	1.00			5329.00		
Recorder	0.00	6625	Inside	5329.00		
Change Over Sub	1.00			5330.00		
Drill Pipe	31.00			5361.00		
Change Over Sub	1.00			5362.00		
Perforations	25.00			5387.00		
Recorder	0.00	13761	Inside	5387.00		
Bullnose	3.00			5390.00	62.00	Bottom Packers & Anchor
Total Tool Length:	**89.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

PO Box 369
Garden City KS 67846

ATTN: James Dilts

Esplund Farms 5-29

29 30 23 Clark KS

Job Ticket: 27321 **DST#: 1**

Test Start: 2007.06.13 @ 19:30:10

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:	44.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.35 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7000.00 ppm				
Filter Cake:	inches				

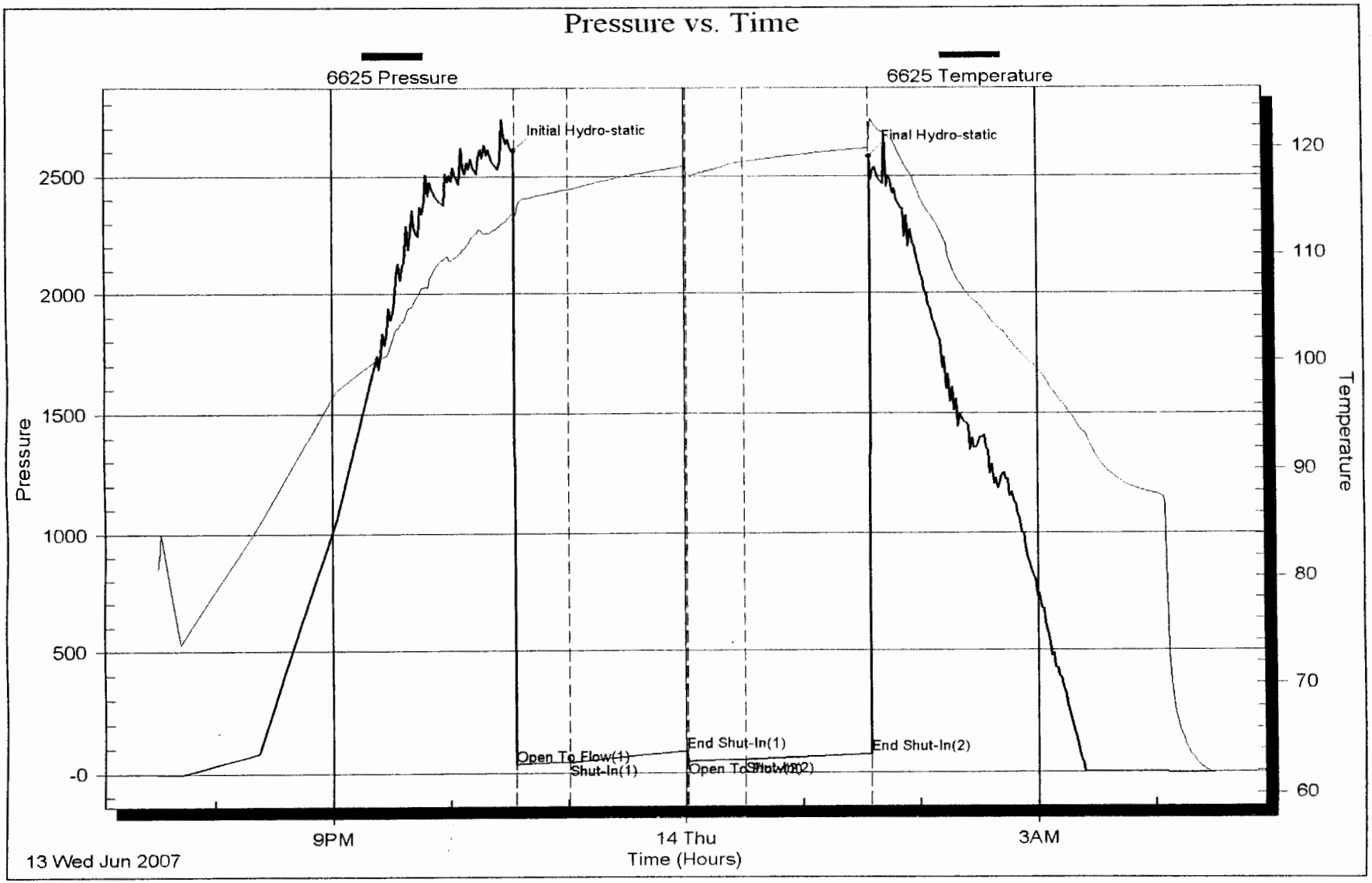
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	Mw/spot Oil 100%M	0.492

Total Length: 100.00 ft Total Volume: 0.492 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6625 Pressure
6625 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
End Shut-In(2)
2500
2000
1500
1000
500
-0
Pressure
120
110
100
90
80
70
60
Temperature
9PM
14 Thu
3AM
13 Wed Jun 2007
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 369
Garden City KS 67846

ATTN: James Dilts

29 30 23 Clark KS

Esplund Farms 5-29

Start Date: 2007.06.14 @ 14:42:29

End Date: 2007.06.15 @ 13:29:23

Job Ticket #: 27350 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

PO Box 369
Garden City KS 67846

ATTN: James Dilts

Esplund Farms 5-29

29 30 23 Clark KS

Job Ticket: 27350 **DST#: 2**

Test Start: 2007.06.14 @ 14:42:29

GENERAL INFORMATION:

Formation: **Morrow/Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:35:54
Time Test Ended: 13:29:23

Test Type: Conventional Bottom Hole
Tester: Chris Hagman
Unit No: 34

Interval: 5410.00 ft (KB) To 5450.00 ft (KB) (TVD)
Total Depth: 5450.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

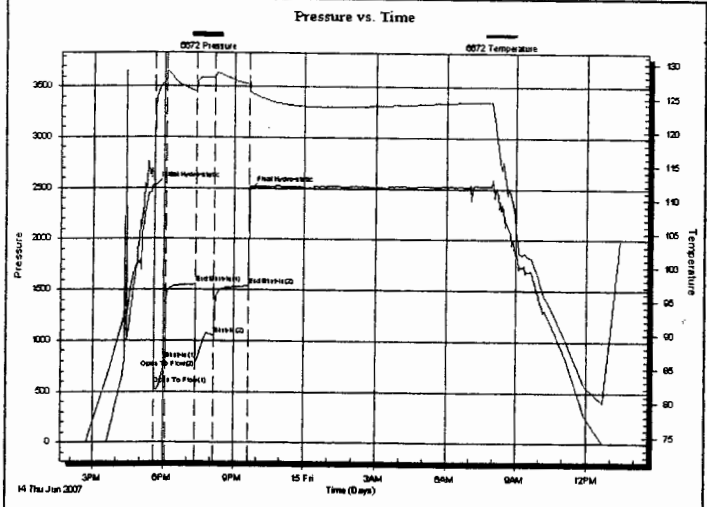
Reference Elevations: 2478.00 ft (KB)
2466.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6672 **Inside**

Press@RunDepth: 1056.24 psig @ 5415.00 ft (KB)
Start Date: 2007.06.14 End Date: 2007.06.15
Start Time: 14:42:29 End Time: 13:29:23

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2007.06.14 @ 17:35:09
Time Off Btm: 2007.06.14 @ 21:39:38

TEST COMMENT: IF BOB 15 sec., GTS 5 min. OTS 30 min. strong dying blow
ISI Blow never died
FF BOB GTS ASAO OTS 20 min. strong steady blow
FSI Blow never died



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2518.63	111.99	Initial Hydro-static
1	567.84	116.95	Open To Flow (1)
28	806.56	127.54	Shut-In(1)
106	1554.14	125.86	End Shut-In(1)
107	806.17	125.67	Open To Flow (2)
153	1056.24	127.98	Shut-In(2)
244	1538.07	126.94	End Shut-In(2)
245	2481.09	127.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3800.00	Gassy Oil 40%G 60%O	50.84

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	8.00	35.54
Last Gas Rate	0.25	12.00	41.88
Max. Gas Rate	0.25	12.00	41.88

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

PO Box 369
Garden City KS 67846

ATTN: James Dilts

Esplund Farms 5-29

29 30 23 Clark KS

Job Ticket: 27350 **DST#: 2**

Test Start: 2007.06.14 @ 14:42:29

Tool Information

Drill Pipe:	Length:	5134.00 ft	Diameter:	3.80 inches	Volume:	72.02 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:	20000.00 lb
Drill Collar:	Length:	271.00 ft	Diameter:	2.25 inches	Volume:	1.33 bbl	Weight to Pull Loose:	100000.0 lb
					Total Volume:	73.35 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		23.00 ft					String Weight: Initial	85000.00 lb
Depth to Top Packer:		5410.00 ft					Final	90000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		40.00 ft						
Tool Length:		68.00 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			5383.00		
Shut In Tool	5.00			5388.00		
Hydraulic tool	5.00			5393.00		
Jars	5.00			5398.00		
Safety Joint	3.00			5401.00		
Packer	5.00			5406.00	28.00	Bottom Of Top Packer
Packer	4.00			5410.00		
Stubb	1.00			5411.00		
Perforations	4.00			5415.00		
Recorder	0.00	6672	Inside	5415.00		
Change Over Sub	1.00			5416.00		
Drill Pipe	30.00			5446.00		
Change Over Sub	1.00			5447.00		
Recorder	0.00	13630	Inside	5447.00		
Bullnose	3.00			5450.00	40.00	Bottom Packers & Anchor
Total Tool Length:	**68.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

PO Box 369
Garden City KS 67846

ATTN: James Dilts

Esplund Farms 5-29

29 30 23 Clark KS

Job Ticket: 27350 **DST#: 2**

Test Start: 2007.06.14 @ 14:42:29

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	39 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	65.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	14.77 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	11000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3800.00	Gassy Oil 40%G 60%O	50.835

Total Length: 3800.00 ft Total Volume: 50.835 bbl

Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments: API=41@80F=39

American Warrior Inc

PO Box 369
Garden City KS 67846

ATTN: James Dilts

Esplund Farms 5-29

29 30 23 Clark KS

Job Ticket: 27350 **DST#: 2**

Test Start: 2007.06.14 @ 14:42:29

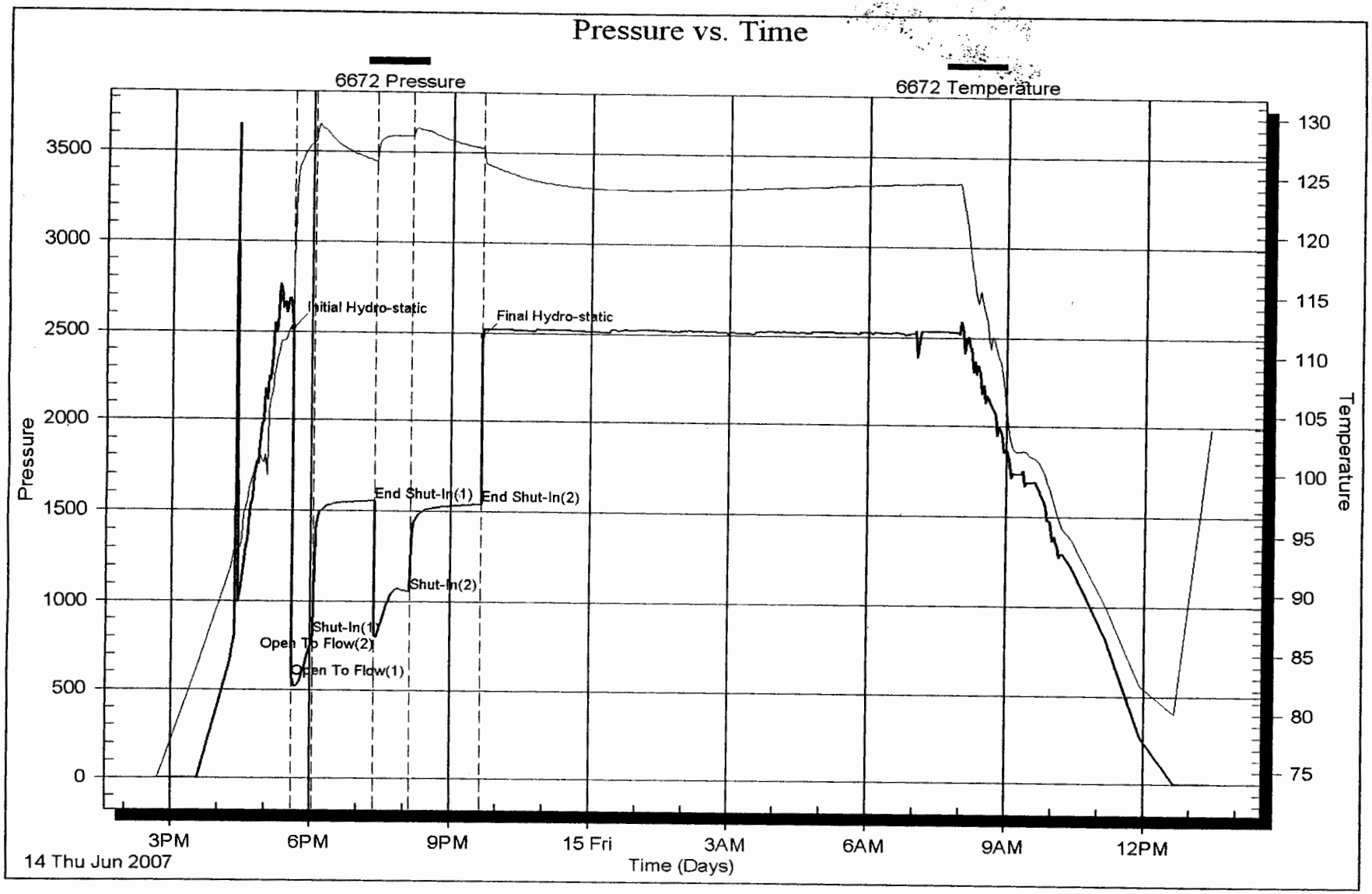
Gas Rates Information

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 (m^3/d)
1	10	0.25	8.00	35.54
1	10	0.25	8.00	35.54
1	20	0.25	12.00	41.88

Serial #: 6672 **Inside** American Warrior Inc 29 30 23 Clark KS DST Test Number: 2



TRILOBITE TESTING INC.
P.O. Box 362 • Hays, Kansas 67601

10/05

10284 27321

Test Ticket

Well Name & No. Esplund Farms 5-29 Test No. DST #1 Date 6-13-07
Company American Warrior INC. Zone Tested Morrow
Address P.O. Box 369 Garden City ks. 67846 Elevation 2478' KB 2466' GL
Co. Rep / Geo. James Dilts Rig Duke #6
Location: Sec. 29 Twp. 30S Rge. 23W Co. Clark State ks
Comments Location 8'110 got stuck 50' from rig w/ton tractor Release date / time:

Interval Tested 5328'-5390' Initial Str Wt./Lbs. 84K Unseated Str Wt/Lbs. 84K
Anchor Length 62' Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 100K
Top Packer Depth 5324' Tool Weight 2K
Bottom Packer Depth 5328' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
Total Depth 5390' Wt. Pipe Run 0 Drill Collar Run 271'
Mud Wt. 8.7 LCM 3# Vis. 44 WL 10.4 Drill Pipe Size 4.5 XH Ft. Run 5036'
Blow Description IF: weak Blow, ½" into bucket
ISI: NO return blow
FF: weak surface blow - 3-4 bubbles - died.
FSI: NO return blow

Recovery - Total Feet 100' GIP Ft. in DC Ft. in DP
Rec. 100 Feet of heavy o.c. spot mud %gas Spot %oil %water 100 %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 119.96 °F Gravity °API D @ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides ppm System

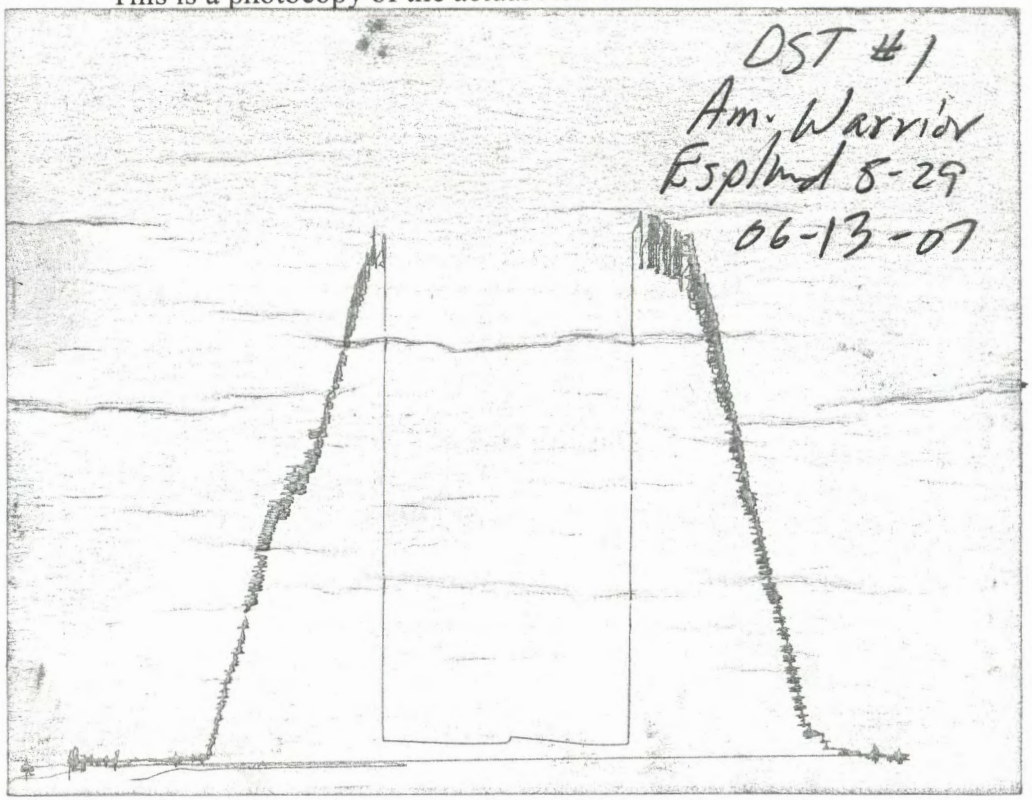
	AK-1	Alpine				
(A) Initial Hydrostatic Mud		2605 PSI	Recorder No.	6625 (19:29)	Test	1300.00
(B) First Initial Flow Pressure		33 PSI	(depth)	5329'	Jars	250.00
(C) First Final Flow Pressure		43 PSI	Recorder No.	13761	Safety Jt.	75.00
(D) Initial Shut-In Pressure		87 PSI	(depth)	5387'	Circ Sub	—
(E) Second Initial Flow Pressure		50 PSI	Recorder No.	—	Sampler	—
(F) Second Final Flow Pressure		53 PSI	(depth)	—	Straddle	—
(G) Final Shut-In Pressure		74 PSI	Initial Opening	30	Ext. Packer	—
(Q) Final Hydrostatic Mud		2529 PSI	Initial Shut-In	60	Shale Packer	—
			Final Flow	30	Ruined Packer	
			Final Shut-In	60	Mileage 146	182.50
			T-On Location	18:30	Sub Total:	
			T-Started	19:45	Std. By	—
			T-Open	20:30	Acc. Chg:	—
			T-Pulled	01:30	Other:	
			T-Out	04:30	Total:	1807.50

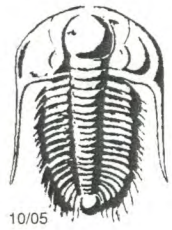
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Approved By
Our Representative

CHART PAGE

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





10/05

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27350

Test Ticket

Well Name & No. Esplund Farms 5-29 Test No. 2 Date 6-14-07

Company American Warrior Inc. Zone Tested Morrow/Miss.

Address P.O. Box 369 Garden City, KS 67846 Elevation 2478 KB 2466 GL

Co. Rep / Geo. James Dilts Rig Duke #6

Location: Sec. 29 Twp. 30 S Rge. 23 W Co. Clark State KS

Comment: Release date / time:

Interval Tested 5410 - 5450 Initial Str Wt./Lbs. 85K Unseated Str Wt/Lbs. 90K

Anchor Length 40' Wt. Set Lbs. 20K Wt. Pulled Loose/Lbs. 100K

Top Packer Depth 5405 Tool Weight 2K

Bottom Packer Depth 5410 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 5450 Wt. Pipe Run N.A. Drill Collar Run 271

Mud Wt. 9.2 LCM 3# Vis. 65 WL 14.8 Drill Pipe Size 4.5 XH Ft. Run 5134

Blow Description IF: BOB IS sec, GTS 5 min., OTS 30 min., Strong dieing blow
ISI: Blow never died
FF: BOB GTS ASAO, OTS 20 min., Strong steady blow
FSI: Blow never died

Recovery - Total Feet 3800 GIP 1605 Ft. in DC 271 Ft. in DP 3529

Rec. 3800	Feet of gassy oil	40 %gas	60 %oil	%water	%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 127 °F Gravity 41 °API D @ 80 °F Corrected Gravity 39 °API

RW @ °F Chlorides ppm Recovery Chlorides 11,000 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		2610 PSI	Recorder No.	6672 (2:40)	Test ✓ conv.	1300
(B) First Initial Flow Pressure		568 PSI	(depth)	5415	Jars ✓	250
(C) First Final Flow Pressure		807 PSI	Recorder No.	13630	Safety Jt. ✓	75
(D) Initial Shut-In Pressure		1554 PSI	(depth)	5450	Circ Sub ✓	50
(E) Second Initial Flow Pressure		806 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		1056 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		1538 PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		2531 PSI	Initial Shut-In	80	Shale Packer	
			Final Flow	45	Ruined Packer	
			Final Shut-In	90	Mileage 146	182.50
			T-On Location	1430	Sub Total:	
			T-Started	1500	Std. By ✓ x 17.5	1150
			T-Open	1735	Acc. Chg:	Ø
			T-Pulled	2140 / wait for Sm Up	Other:	Ø
			T-Out	1300	Total:	$3007.50

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Approved By

Our Representative

TRILOBITE TESTING L.L.C.
P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

American Warrior (OPERATOR) | Esplund 5-29 (WELL NAME AND NO.) | 2 (DST NO.)

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	CF/D
10	8	¼	33.3		TSTG		
20	12	¼	39.2				
30	10	¼	36.2				

IF: BOB 15 sec., GTS 5 min., strong dieing blow; Oil to Surface 30 min.
ISI: Blow never died
FF: BOB GTS ASAP, OTS 20 min., strong steady blow
FSI: Blow never died

Remarks:

CHART PAGE

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

