

Kansas Corporation Commission Oil & Gas Conservation Division

1048356

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY						
Letter of Confidentiality Received						
Date:						
Confidential Release Date:						
Wireline Log Received						
Geologist Report Received						
UIC Distribution						
ALT						

Side Two



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: Depth Top Bottom Type of Cement — Perforate — Protect Casing — Plug Back TD — Plug Off Zone — Plug Off Zone				# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open Other	Perf.	Dually (nmingled mit ACO-4)				

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Pablo 1-30
Doc ID	1048356

Tops

Name	Тор	Datum
Anhydrite	1393	+753
Heebner	3620	-1474
Lansing	3665	-1519
ВКС	3986	-1840
Pawnee	4066	-1920
Ft. Scott	4145	-1999
Cherokee	4165	-2019
Mississippian	4240	-2094
RTD	4266	-2120



SERVICE LOCATIONS

1. A S S CAT V

WELL/PROJECT NO.

LEASE

COUNTY/PARISH

TICKET

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APPROVAL

Thank You!

JOB LOG

WELL NO.

CUSTOMER

SWIFT Services, Inc.

TICKET NO.

JOB TYPE 85/8" SURFACE AMERICAN WARRICK ZIX PABLO PRESSURE (PSI) CHART NO. **DESCRIPTION OF OPERATION AND MATERIALS** CASING T C TUBING ON LOUNTON 1545 START 85/8" CASING IN WELL 1600 M- 1404 SET @ 1404 TP-1404 85/8# 23 SJ- 42° CENTERITY 25- 1, 3, 8, 28 1710 BREAK CERCULATION 6/2 300 PUMP SOO GAC MUDTEUSH 1730 12 6/2 300 PUMP 20 BBIS KCI-TIUSH 1732 20 6/4 47 250 MX COMONT - 100 SMS & 11.8 PAG 1740 14 150 SKS + 12,2 PPG 62 6/4 100 svs = 13,0 PPG_ 34 150 100 SVS + 14,5 PPG 26 RELEASE PLUG 1814 1815 DESPLACE PLUG 0 6/2 87.2 SSU PLUG DOWN - SHUTZN 1878 CARCUATED 45 SKS CEMENT TO PET WASH TROCK JOB COMPLETE 1930 THANK YOU WAYNE ROGER B. ROB



INVOICE INSTRUCTIONS

RIG NAME/NO.

SHIPPED VIA

ORDER NO.

WELL LOCATION

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COUNTY/PARISH

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TICKET 18537

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SWIFT OPERATOR

Thank You!

JOB LOUSTOMER		}	WELL NO.	-3C		LEASE 61		ices, Inc. DATE 6-17-6 P. JOB TYPE Abardon TICKET NO. 18537
CHART	T	RATE	VOLUME	ンし PUM		PRESSUR	E (PSI)	
NO.	TIME	(BPM)	(BBL) (GAL)	Ť	С	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
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Geological Report

American Warrior, Inc.

Pablo #1-30
335' FSL & 2175' FEL
Sec. 30 T18s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Pablo #1-30 335' FSL & 2175' FEL Sec. 30 T18s R21w Ness County, Kansas API # 15-135-25075-0000
Drilling Contractor:	Discovery Drilling Co, Inc. Rig #3
Geologist:	Jason Alm
Spud Date:	June 10, 2010
Completion Date:	June 17, 2010
Elevation:	2138' Ground Level 2146' Kelly Bushing
Directions:	Bazine KS, 1/4 mi. East on Hwy 96, North into location.
Casing:	1404' 8 5/8" surface casing
Samples:	10' wet and dry, 3500' to RTD
Drilling Time:	3500' to RTD
Electric Logs:	None
Drillstem Tests:	One, Trilobite Testing, Inc. "Brian Fairbank"
Problems:	None

None

Remarks:

Formation Tops

i	
	American Warrior, Inc.
	Pablo #1-30
	Sec. 30 T18s R21w
Formation	335' FSL & 2175' FEL
Anhydrite	1393', +753
Base	1427', +719
Heebner	3620', -1474
Lansing	3665', -1519
BKc	3986', -1840
Pawnee	4066', -1920
Fort Scott	4145', -1999
Cherokee	4165', -2019
Mississippian	4240', -2094
Osage	4258', -2112
RTD	4266', -2120

Sample Zone Descriptions

Mississippian Osage (4258', -2112): Covered in DST #1

Dolo – Δ – Fine sucrosic crystalline with good inter-crystalline porosity, heavy chert, triptolitic, heavily weathered with good vuggy porosity, light scattered oil stain in porosity, no show of free oil, very light odor, light scattered cut fluorescents.

Drill Stem Tests

Trilobite Testing, Inc. "Brian Fairbank"

DST #1 <u>Mississippian Osage</u>

Interval (4201' – 4266') Anchor Length 55'

IHP - 2159 #

IFP - 30" - Built to 9.5 in. 53-106 #
ISI - 30" - Dead 1328 #
FFP - 30" - Built to 9 in. 117-166 #
FSI - 30" - Dead 1326 #

 $\begin{array}{ll} FHP & -2095\,\# \\ BHT & -119^{\circ}F \end{array}$

Recovery: 130' Mud

150' MW Chlorides: 20K ppm

Structural Comparison

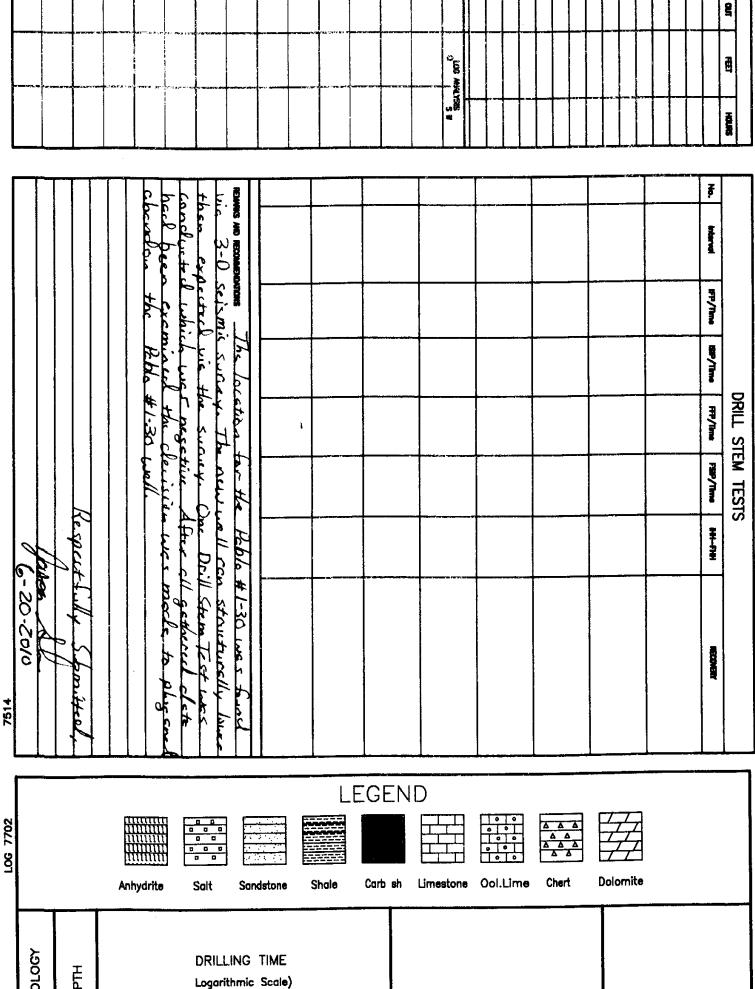
	American Warrior, Inc.	American Warrior, Inc.		American Warrior, Inc.			
	Pablo #1-30	Schniepp #2-31NE		Schniepp #1-31NE			
	Sec. 30 T18s R21w	Sec. 31 T18s R21w		Sec. 31 T18s R21w			
Formation	335' FSL & 2175' FEL	720' FNL & 760' FEL		2150' FNL & 900' FEL			
Anhydrite	1393', +753	1369', +756	(-3)	1375', +756	(-3)		
Base	1427', +719	1404', +721	(-2)	1409', +722	(-2)		
Heebner	3620', -1474	3596', -1471	(-3)	3600', -1469	(-5)		
Lansing	3665', -1519	3641', -1516	(-3)	3646', -1515	(-4)		
BKc	3986', -1840	3962', -1837	(-3)	3968', -1837	(-3)		
Pawnee	4066', -1920	4041', -1916	(-4)	4047', -1916	(-4)		
Fort Scott	4145', -1999	4124', -1999	FL	4129', -1998	(-1)		
Cherokee	4165', -2019	4140', -2015	(-4)	4144', -2013	(-6)		
Mississippian	4240', -2094	4205', -2080	(-14)	4220', -2089	(-5)		
Osage	4258', -2112	4215', -2090	(-22)	4233', -2102	(-10)		

Summary							
The location for the Pablo #1-30 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which recovered only water from the Mississippian Osage Formation. After all gathered data had examined the decision was made to plug and abandon the Pablo #1-30 well.							
Respectfully Submitted,							
Jason Alm Hard Rock Consulting, Inc.							

Hard Rock Consulting, Inc.
Jason Alm Petroleum Geologist
P.O. Box 1260
Hays, KS 67601

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		SAMPLES EXAMINED FROM 3.500 TO RTD
		SAMPLES SAVED FROM
	PRODUCTION /VO22C	
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	G 2/38'	FIELD Lalide cat
	KB_ 2/46	LEASE Pable WELL NO. 1-39
	ELEVATION	OPERATOR American Colorciac Les
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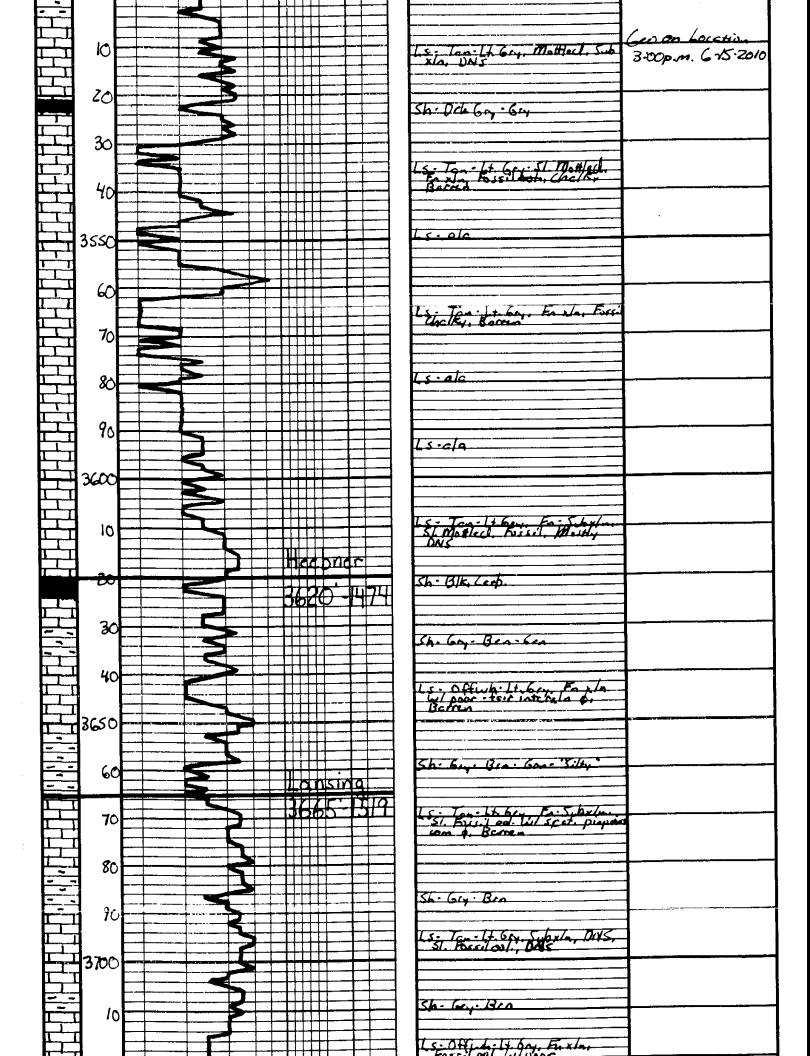
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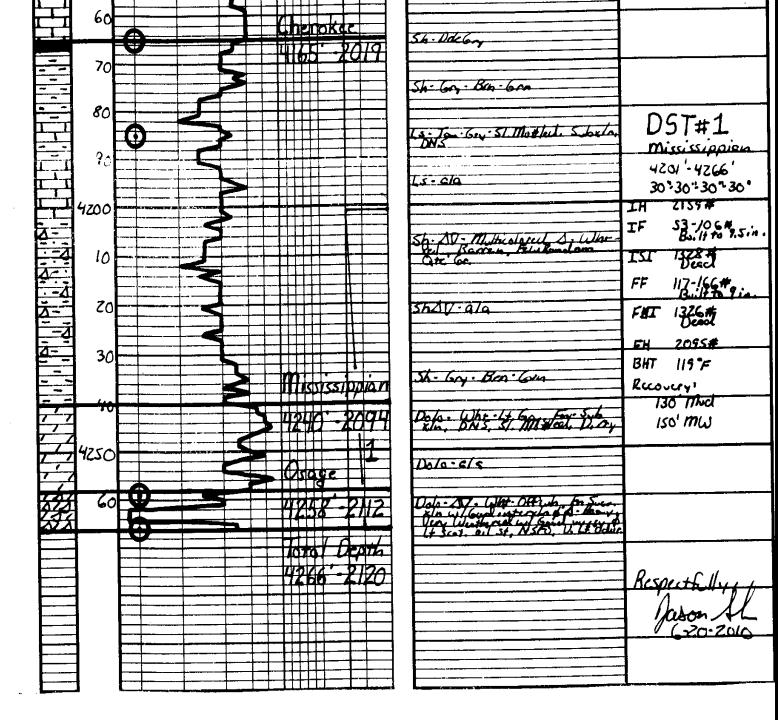
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REMARKS



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DRILL STEM TEST REPORT

American Warrior

Pablo #1-30

PO Box 399 Garden City, Ks 30-18s-21w/Ness

67846

Job Ticket: 38951 DST#: 1

ATTN: Jason Alm

Test Start: 2010.06.16 @ 18:27:18

GENERAL INFORMATION:

Formation: Miss

Deviated: Test Type: Conventional Bottom Hole No Whipstock: ft (KB)

Time Tool Opened: 20:32:43 Time Test Ended: 00:23:42

Tester:

Unit No:

Brian Fairbank

4201.00 ft (KB) To 4266.00 ft (KB) (TVD) 4266.00 ft (KB) (TVD)

Reference Elevations: 2146.00 ft (KB)

2138.00 ft (CF)

7.88 inches Hole Condition: Hole Diameter:

KB to GR/CF: 8.00 ft

Serial #: 8647 Press@RunDepth: Inside

165.60 psig @ 4205.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: 2010.06.16 End Date: 2010.06.17 00:23:42

Time On Btm:

2010.06.17 2010.06.16 @ 20:31:13

Start Time:

Interval:

Total Depth:

18:27:18

End Time:

Time Off Btm:

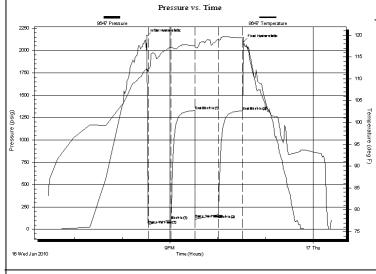
2010.06.16 @ 22:32:43

TEST COMMENT: IFP - w eak to strong blow 1" - 9 1/2"

ISI - no blow back

FFP - w eak to good blow 1/4" - 9"

FSI - no blow back



PRESSURE SUMMARY

ı	Time	Pressure	Temp	Annotation
ı	(Min.)	(psig)	(deg F)	
ı	0	2159.40	112.54	Initial Hydro-static
ı	2	52.96	112.32	Open To Flow (1)
ı	30	105.79	117.12	Shut-In(1)
ı	60	1328.49	117.54	End Shut-In(1)
ı	61	117.48	117.15	Open To Flow (2)
ı	90	165.60	118.93	Shut-In(2)
ı	120	1326.63	119.40	End Shut-In(2)
ı	122	2094.82	118.32	Final Hydro-static
ı				
ı				
ı				
ı				
1				

Recovery

Length (ft)	Description	Volume (bbl)
150.00	MW 20%W, 80%M	1.82
130.00	DRL MUD 100%	1.82
-		

Gas Rates

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

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DRILL STEM TEST REPORT

FLUID SUMMARY

DST#: 1

American Warrior

Pablo #1-30

PO Box 399

30-18s-21w/Ness

Garden City, Ks 67846

Job Ticket: 38951

ATTN: Jason Alm

Test Start: 2010.06.16 @ 18:27:18

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight:9.00 lb/galCushion Length:ftViscosity:54.00 sec/qtCushion Volume:bbl

Water Loss: 11.17 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 7900.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	MW 20%W, 80%M	1.822
130.00	DRL MUD 100%	1.824

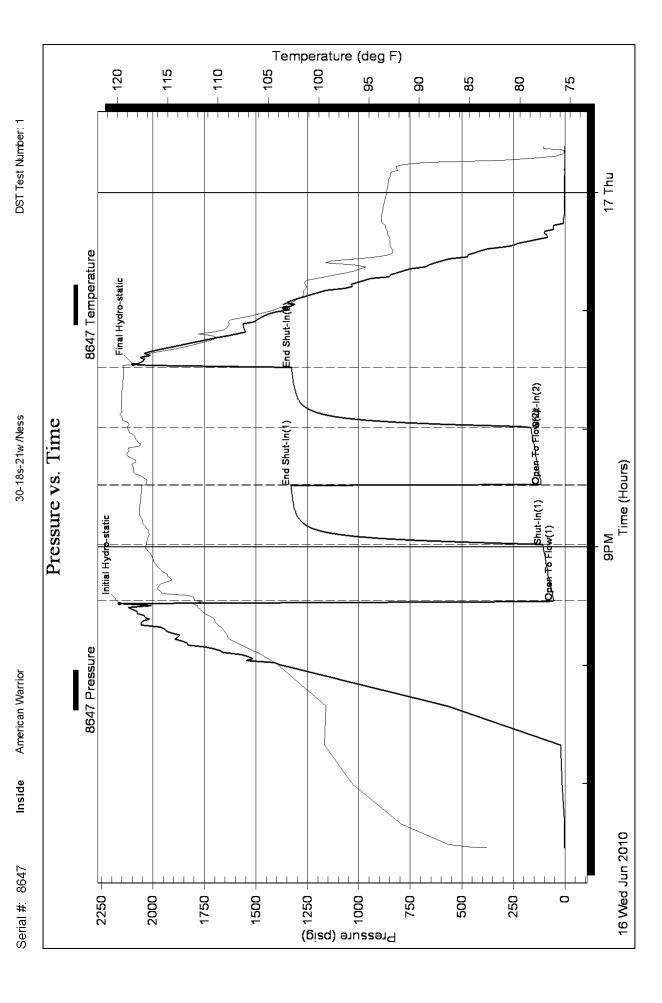
Total Length: 280.00 ft Total Volume: 3.646 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 38951 Printed: 2010.06.17 @ 09:03:45 Page 2



Page 3 Printed: 2010.06.17 @ 09:03:45 38951 Ref. No: Trilobite Testing, Inc