

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 4058
Name: American Warrior INC
Address 1: P.O.Box 399
Address 2: _____
City: Garden City State: KS Zip: 67846 + _____
Contact Person: Kevin Wiles Sr
Phone: (620) 275-2963
CONTRACTOR: License # 5929
Name: Duke Drilling Co.
Wellsite Geologist: Roger Fisher
Purchaser: D/A

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Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD SLOW

Gas D&A ENHR SIGW

OG GSW Temp. Abd.

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to ENHR Conv. to SWD

Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

3-11-11	3-15-11	3-16-11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 047-21,595-00-00

Spot Description: NE. Sec. 17-25s-17w

NW SE NE NE Sec. 17 Twp. 25 S. R. 17 East West

815 Feet from North / South Line of Section

346 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Edwards

Lease Name: Edwards Land Well #: 2-17

Field Name: Britton

Producing Formation: D/A

Elevation: Ground: 2131 Kelly Bushing: 2144

Total Depth: 4525 Plug Back Total Depth: NA

Amount of Surface Pipe Set and Cemented at: 321 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 12000 ppm Fluid volume: 500 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]
Title: Production Supt. Date: 5-16-12

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: DG Date: 5/22/12

Operator Name: American Warrior INC Lease Name: Edwards Land Well #: 2-17
 Sec. 17 Twp. 25 S. R. 17 East West County: Edwards

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Cherokee</td> <td>4424</td> <td>-2280</td> </tr> <tr> <td>Miss</td> <td>4463</td> <td>-2319</td> </tr> <tr> <td>Kinderhook</td> <td>4505</td> <td>-2361</td> </tr> </table>	Name	Top	Datum	Cherokee	4424	-2280	Miss	4463	-2319	Kinderhook	4505	-2361
Name	Top	Datum											
Cherokee	4424	-2280											
Miss	4463	-2319											
Kinderhook	4505	-2361											

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	24#	321	Class A	275	3%cc/2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	None D/A		

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TUBING RECORD: Size: <u>none</u> Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u>Dry Hole</u>	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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EMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend KS

DATE <u>3-11-2011</u>	SEC. <u>17</u>	TWP. <u>25S</u>	RANGE <u>17W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30 pm</u>	JOB FINISH <u>12:00 pm</u>
LEASE <u>Edwards land</u>		WELL # <u>2-17</u>		LOCATION <u>Leads 25 East</u>		COUNTY <u>Edwards</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)		<u>South 1/4 W South 25E</u>				<u>1.01</u>	<u>1.3</u>

CONTRACTOR Duke Co 9 OWNER American Warrior

TYPE OF JOB <u>Surface</u>	CEMENT
HOLE SIZE <u>12.25</u>	T.D. <u>325.00</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>320.79</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>325</u>
TOOL	DEPTH

PRES. MAX <u>2960</u>	MINIMUM <u>1370</u>	COMMON <u>165</u>	@ <u>13.50</u>	<u>2,227.50</u>
MEAS. LINE	SHOE JOINT	POZMIX <u>110</u>	@ <u>7.55</u>	<u>830.50</u>
CEMENT LEFT IN CSG. <u>43 BT</u>		GEL <u>5</u>	@ <u>20.25</u>	<u>101.25</u>
PERFS.		CHLORIDE <u>10</u>	@ <u>51.50</u>	<u>515.00</u>
DISPLACEMENT <u>19.13</u>		ASC	@	

EQUIPMENT				
PUMP TRUCK CEMENTER <u>Bobby Scott</u>				
# <u>224</u> HELPER <u>Kevin</u>				
BULK TRUCK				
# <u>432-86</u> DRIVER <u>Pred</u>				
BULK TRUCK				
#	DRIVER			
		HANDLING <u>290</u>	@ <u>2.25</u>	<u>652.50</u>
		MILEAGE <u>290 X 40 X 1.0</u>		<u>1160.00</u>
				<u>29.00</u> TOTAL <u>5,486.75</u>

REMARKS:
Pipe on bottom Break circulation with
dry mud
Shut down Hook up to cement line Run
5 bbls spacer
max 275 sd Class A 3% cc 29cc
Shut down Release Plug
Displace 19.13 bbls fresh water land plug
at 0.1 shut in cement and circulate

CHARGE TO: American Warriors
 STREET _____
 CITY _____ STATE _____ ZIP _____

DEPTH OF JOB <u>320</u>		
PUMP TRUCK CHARGE		<u>991.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>40</u>	@ <u>7.00</u>	<u>280.00</u>
MANIFOLD	@	
<u>Light Truck 80</u>	@ <u>NC</u>	<u>NC</u>
<u>Head</u>	@ <u>NC</u>	<u>NC</u>
		<u>270.99</u>
		<u>3674.25</u>
		<u>29.00</u> TOTAL <u>5,486.75</u>

PLUG & FLOAT EQUIPMENT		
<u>unadun plug</u>	@ <u>53.00</u>	<u>53.00</u>
<u>Double float</u>	@ <u>67.20</u>	<u>67.20</u>
	@	
	@	
	@	
		<u>1031.69</u>
		<u>120.20</u> TOTAL <u>120.20</u>

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Amjadi Rojas
 SIGNATURE Amjadi Rojas

SALES TAX (If Any) _____
 TOTAL CHARGES 6,877.25
 DISCOUNT (15%) 1031.69 IF PAID IN 30 DAYS
5,846.26

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3794.45

120.20

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend, KS

DATE <u>Mar 16, 2011</u>	SEC. <u>17</u>	TWP. <u>25S</u>	RANGE <u>17W</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00pm</u>	JOB FINISH <u>1:30pm</u>
LEASE <u>Edwards land</u> WELL# <u>Z-17</u>				LOCATION <u>laws ks 2 East 4 south 1/4 west</u>		COUNTY <u>Edwards</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				<u>into</u>		<u>1.03</u>	<u>1.3</u>

CONTRACTOR Duke Rojas
 TYPE OF JOB Rotary plug
 HOLE SIZE 7 7/8 I.D. 4525
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1080
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____
 EQUIPMENT _____
 PUMP TRUCK CEMENTER Bob R
 # 366 HELPER Cooley
 BULK TRUCK _____
 # 344-170 DRIVER Pedro
 BULK TRUCK _____
 # _____ DRIVER _____

OWNER American Warrior Inc
 CEMENT AMOUNT ORDERED 170 5/8 60/40 49 bagel 1/4 flt
 COMMON 107 @ 13.50 1,377.00
 POZMIX 68 @ 7.55 513.40
 GEL 6 @ 20.25 121.50
 CHLORIDE _____ @ _____
 ASC _____ @ _____
Flow Seal 42# @ 2.45 102.90
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 17% @ 2.25 400.50
 MILEAGE 1788.40 x .10 178.84
 TOTAL 3,227.30

REMARKS:
1st plug 1080 min 500x
2nd plug 370 min 500x
3rd plug 60 min 200x
4th plug Rot. min 300x
5th plug mouse min 70 sid
plug down

2114.80 17.80 SERVICE
 DEPTH OF JOB 1080
 PUMP TRUCK CHARGE 990.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 70 @ 7.00 280.00
 MANIFOLD _____ @ _____
 _____ @ _____
 TOTAL 1,270.00

CHARGE TO: American Warrior
 STREET _____
 CITY _____ STATE _____ ZIP _____

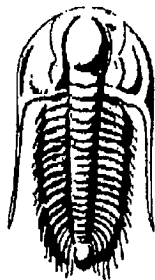
PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Emigdio Rojas
 SIGNATURE Emigdio Rojas

899.46 TOTAL _____
 SALES TAX (if Any) _____
 TOTAL CHARGES 4,497.30
 DISCOUNT 15% 674.60 IF PAID IN 30 DAYS
3822.70

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 MAY 18 2012
 KCC WICHITA



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City, KS 67845

ATTN: Roger Fisher

17-25-17 Edwards,KS

Edwards Land #2-17

Start Date: 2011.03.15 @ 02:08:09

End Date: 2011.03.15 @ 12:38:24

Job Ticket #: 041390 DST #: 1

RECEIVED

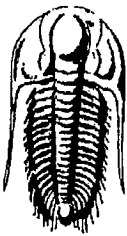
MAY 18 2012

KCC WICHITA

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
 PO Box 399
 Garden City, KS 67845
 ATTN: Roger Fisher

Edwards Land #2-17
17-25-17 Edwards,KS
 Job Ticket: 041390 DST#: 1
 Test Start: 2011.03.15 @ 02:08:09

GENERAL INFORMATION:

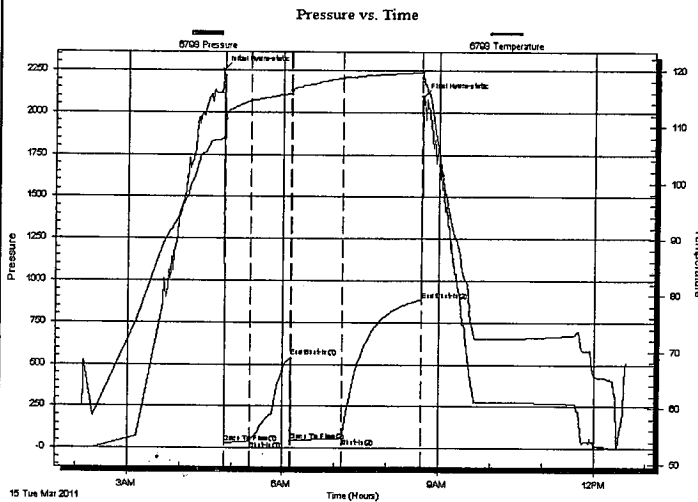
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:51:54
 Time Test Ended: 12:38:24
 Interval: **4424.00 ft (KB) To 4473.00 ft (KB) (TVD)**
 Total Depth: 4473.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: 2144.00 ft (KB)
 2132.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6798

Inside

Press@RunDepth: 57.25 psig @ 4425.00 ft (KB)
 Start Date: 2011.03.15 End Date: 2011.03.15
 Start Time: 02:08:10 End Time: 12:38:24
 Capacity: 8000.00 psig
 Last Calib.: 2011.03.15
 Time On Btm: 2011.03.15 @ 04:49:24
 Time Off Btm: 2011.03.15 @ 08:40:24

TEST COMMENT: IF: Strong Blow, BOB in 1 minute
 IS: Bled Off, 2 inch Blow back
 FF: Strong Blow, BOB in 30 seconds
 FS: Bled Off, No Blow back



PRESSURE SUMMARY

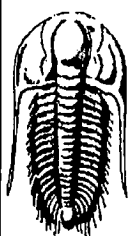
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2251.10	107.88	Initial Hydro-static
3	29.71	110.19	Open To Flow (1)
33	39.78	114.52	Shut-In(1)
79	542.38	115.73	End Shut-In(1)
80	41.32	115.62	Open To Flow (2)
140	57.25	118.59	Shut-In(2)
231	886.46	119.60	End Shut-In(2)
231	2093.46	119.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1180 Feet GIP	0.00
64.00	GSY Mud 2%G 98%M	0.31

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior
PO Box 399
Garden City, KS 67845
ATTN: Roger Fisher

Edwards Land #2-17
17-25-17 Edwards,KS
Job Ticket: 041390 **DST#: 1**
Test Start: 2011.03.15 @ 02:08:09

Tool Information

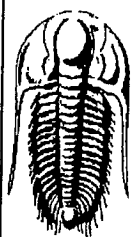
Drill Pipe:	Length: 4225.00 ft	Diameter: 3.80 inches	Volume: 59.27 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 175.00 ft	Diameter: 2.25 inches	Volume: 0.86 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 60.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4424.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	77.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:
Bottom Packer Is A Shale Packer

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

Shut In Tool	5.00			4401.00	
Hydraulic tool	5.00			4406.00	
Jars	5.00			4411.00	
Safety Joint	3.00			4414.00	
Packer	5.00			4419.00	28.00 Bottom Of Top Packer
Packer	5.00			4424.00	
Stubb	1.00			4425.00	
Recorder	0.00	6798	Inside	4425.00	
Recorder	0.00	8367	Outside	4425.00	
Perforations	6.00			4431.00	
Change Over Sub	1.00			4432.00	
Drill Pipe	32.00			4464.00	
Change Over Sub	1.00			4465.00	
Perforations	5.00			4470.00	
Bullnose	3.00			4473.00	49.00 Bottom Packers & Anchor

Total Tool Length: 77.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior
PO Box 399
Garden City, KS 67845
ATTN: Roger Fisher

Edwards Land #2-17
17-25-17 Edwards, KS
Job Ticket: 041390 **DST#: 1**
Test Start: 2011.03.15 @ 02:08:09

Mud and Cushion Information

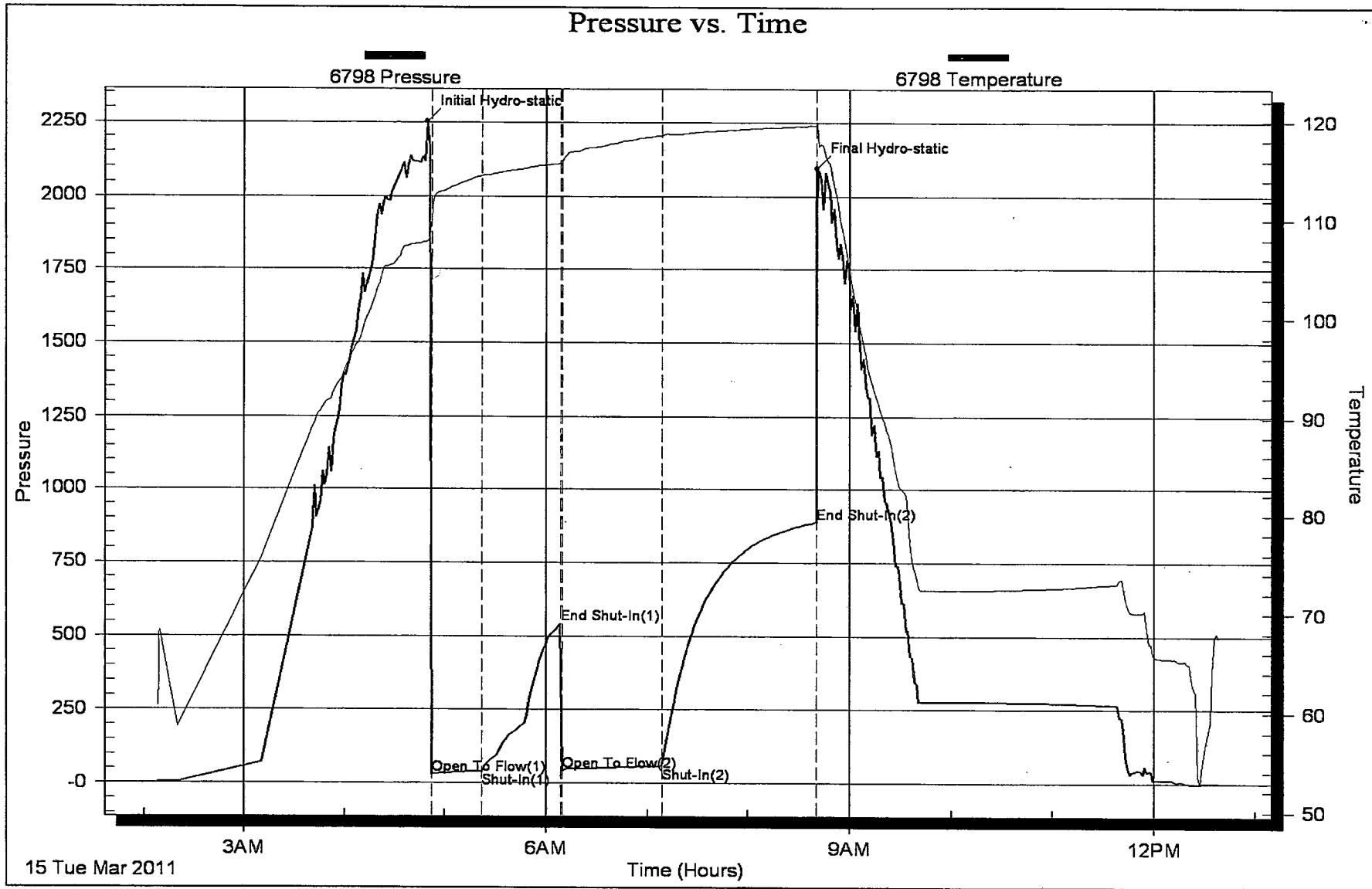
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 0.20 inches			

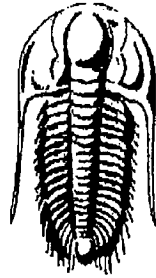
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1180 Feet GIP	0.000
64.00	GSY Mud 2%G 98%M	0.315

Total Length: 64.00 ft Total Volume: 0.315 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City, KS 67845

ATTN: Roger Fisher

17-25-17 Edwards,KS

Edwards Land #2-17

Start Date: 2011.03.15 @ 21:40:13

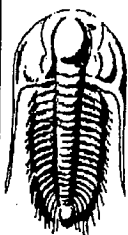
End Date: 2011.03.16 @ 05:57:43

Job Ticket #: 042777 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
PO Box 399
Garden City, KS 67845
ATTN: Roger Fisher

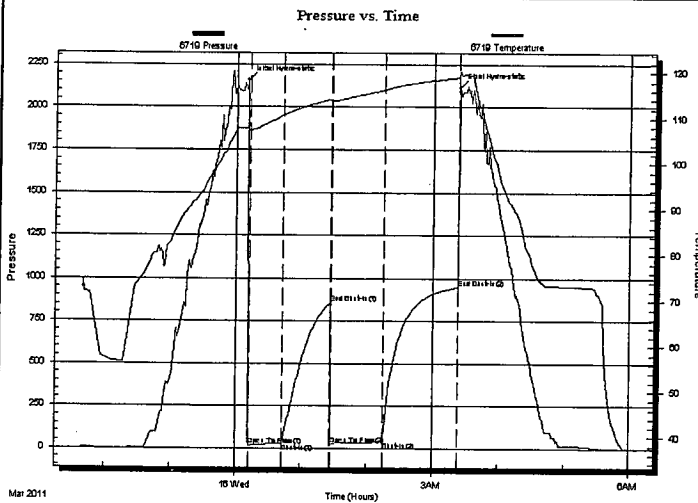
Edwards Land #2-17
17-25-17 Edwards,KS
Job Ticket: 042777 DST#: 2
Test Start: 2011.03.15 @ 21:40:13

GENERAL INFORMATION:

Formation: **Kinderhook Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:12:13
Time Test Ended: 05:57:43
Interval: **4473.00 ft (KB) To 4525.00 ft (KB) (TVD)**
Total Depth: 4525.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole
Tester: Dustin Rash Cody Blo
Unit No: 47
Reference Elevations: 2144.00 ft (KB)
2132.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6719 **Inside**
Press@RunDepth: 36.52 psig @ 4477.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.15 End Date: 2011.03.16 Last Calib.: 2011.03.16
Start Time: 21:40:18 End Time: 05:57:42 Time On Btm: 2011.03.16 @ 00:10:13
Time Off Btm: 2011.03.16 @ 03:23:43

TEST COMMENT: IF- strong building blow . BOB in 6 Minutes.
I.S.I.- No return
FF- Strong building blow BOB in 10 seconds.
FSI- No return



PRESSURE SUMMARY

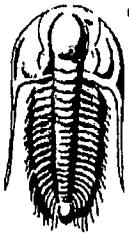
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2159.48	107.92	Initial Hydro-static
2	16.26	107.53	Open To Flow (1)
33	28.52	110.63	Shut-In(1)
77	856.43	114.15	End Shut-In(1)
78	22.14	113.87	Open To Flow (2)
125	36.52	116.20	Shut-In(2)
193	947.00	119.00	End Shut-In(2)
194	2119.79	120.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	90% mud 10% gas	0.20
0.00	3038' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior
PO Box 399
Garden City, KS 67845
ATTN: Roger Fisher

Edwards Land #2-17
17-25-17 Edwards, KS
Job Ticket: 042777 **DST#: 2**
Test Start: 2011.03.15 @ 21:40:13

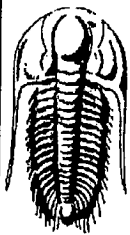
Tool Information

Drill Pipe:	Length: 4282.00 ft	Diameter: 3.80 inches	Volume: 60.07 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 60.94 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial lb
Depth to Top Packer:	4473.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	79.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4447.00	
Shut In Tool	5.00			4452.00	
Hydraulic tool	5.00			4457.00	
Jars	5.00			4462.00	
Safety Joint	2.00			4464.00	
Packer	5.00			4469.00	27.00 Bottom Of Top Packer
Packer	4.00			4473.00	
Stubb	1.00			4474.00	
Perforations	2.00			4476.00	
Change Over Sub	1.00			4477.00	
Recorder	0.00	8319	Inside	4477.00	
Recorder	0.00	6719	Inside	4477.00	
Blank Spacing	30.00			4507.00	
Change Over Sub	1.00			4508.00	
Perforations	14.00			4522.00	
Bullnose	3.00			4525.00	52.00 Bottom Packers & Anchor
Total Tool Length:	79.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior
PO Box 399
Garden City, KS 67845

ATTN: Roger Fisher

Edwards Land #2-17
17-25-17 Edwards,KS
Job Ticket: 042777 **DST#: 2**
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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: 9.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	90% mud 10% gas	0.197
0.00	3038' GIP	0.000

Total Length: 40.00 ft Total Volume: 0.197 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

