



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1233084
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- 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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

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: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1233084

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Irsik - Finney 2-23
Doc ID	1233084

Tops

Name	Top	Datum
Anhy	1947'	+934
B/Anhy	2017'	+864
Heebner	4019'	-1138
Lansing	4074'	-1193
B/KC	4553'	-1672
Marmaton	4575'	-1694
Ft.Scott	4678'	-1797
Cherokee	4691'	-1810
Mississippian	4885'	-2004

Date 10/23/2014 District Liberal # 21 Ticket No. 61706
 Company American Warrior Rig Duke #9
 Lease Irsik-Finney Well No 2-23
 County Finney State Ks

CEMENT DATA
 Spacer Type H2O
 Amt. 10 Sks Yield ft³/sk Density PPG
10 bbls

Location
 Field

LEAD: Time hrs. Type 65/35 6% Gel 3%CC
.5# Floseal Excess

Casing Data Conductor RTA Squeeze Misc.
 Surface Intermediate Production Liner

Amt. 625 Sks Yield 2 ft³/sk Density 12.4 PPG
 TAIL: Time hrs. Type Class A 3% CC 1/4# Flo Seal
 Excess

Size 8 5/8 Type Weight 24# Collar

Amt. 200 Sks Yield 1.21 ft³/sk Density 15.6 PPG
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total BBLs

Casing Depths Top Bottom 1711

Pump Trucks Used: 549-550
 Bulk Equipment 562-528
869-660

Drill Pipe:	BBLS/LIN. FT	<u> </u>	LIN. FT/BBL	<u> </u>
Open Hole:	BBLS/LIN. FT	<u> </u>	LIN. FT/BBL	<u> </u>
Capacity Factors:	BBLS/LIN. FT	<u> </u>	LIN. FT/BBL	<u> </u>
Casing	BBLS/LIN. FT	<u> </u>	LIN. FT/BBL	<u> </u>
Open Holes	BBLS/LIN. FT	<u> </u>	LIN. FT/BBL	<u> </u>
Drill Pipe	BBLS/LIN. FT	<u> </u>	LIN. FT/BBL	<u> </u>
Annulus	BBLS/LIN. FT	<u> </u>	LIN. FT/BBL	<u> </u>
Perforations	From <u> </u> ft to <u> </u> ft	Amt <u> </u>	<u> </u>	<u> </u>

Float Equipment: Manufacturer
 Shoe: Type Depth
 Float: Type Depth
 Centralizers: Quantity Plugs Top Bottom
 Stage Collars
 Special Equipment
 Disp: Fluid Type Amt bbls Weight PPG
 Mud Type Weight

COMPANY REPRESENTATIVE CEMENTER Lenny Baeza

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
10:00am						On location @ 3:00am
10:15am						Rigging up to the well head
11:45am	1500					Pressure test lines
11:48am	250		10		4	Pumping 10 bbls of water ahead
11:50am	240		232		6	Mixing cement 625sk @12.4#
12:23pm	200		265		4	Mixing cement 200sk @ 15.6#
12:34pm	0		265		0	Shut down and releases the plug
12:36pm	80		265		3	Plug left the head started displacement of 106 bbls
12:44pm	240		305		5	40bbls gone
12:52pm	370		325		6	60bbls gone
1:00pm	500		345		6	80bbls gone
1:08pm	620		365		6	100bbls gone
1:15pm	1300		371		3	106 bbls gone and landed the plug 1300 psi
	0		0		0	Release the psi and float is not holding shutting down well with 500psi
						40 bbls of cement to surface
						rigging up
						Leaving location @ 2:00pm

FINAL DISP. PRESS. 630 PSI BUMP PLUG TO 1300 PSI BLEEDBACK 0.5 BBLs **THANK YOU**



CHARGE TO: **AMERICAN WARRIOR**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 28012

PAGE 1 OF 2

SERVICE LOCATIONS
 1. **NESS CITY, KS.** WELL/PROJECT NO. **2-23** LEASE **IRISK-FINNEY** COUNTY/PARISH **FINNEY** STATE **KS.** CITY **GARDEN CITY, KS.** DATE **30 OCT 14** OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR **DUKE DRILLING RIG #10** RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **5 1/2 LONGSTRING** WELL PERMIT NO. WELL LOCATION **Hwy 50, SE, 4E, 1S, 1 1/2 W, Ninto**
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M		U/M	
575					MILEAGE #115	90	mi	6	100	540.00
578					Pump CHARGE	1	JOB	1500	100	1500.00
402					CENTRALIZERS	9	EA.	70	100	630.00
403					CEMENT BASKET	1	EA.	300	100	300.00
406					LATCH DOWN PLUG & BAFFLE	1	EA.	275	100	275.00
407					INSERT FLOAT SHOE W/ FILL	1	EA.	375	100	375.00
419					ROTATING HEAD RENTAL	1	JOB	200	100	200.00
281					MUD FLUSH	500	gal	1	25	625.00
221					LIQUID KCL	2	gal	25	100	50.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED **30 OCT 14** TIME SIGNED **2030** A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL 1 4495 100 2 5381 100
WE UNDERSTOOD AND MET YOUR NEEDS?				subtotal 9876 100
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Finney TAX 486 29 7.3%
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL 10,362 41
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR *Jose Katliff* APPROVAL
 Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 28012

CUSTOMER AMERICAN WARRIOR WELL IRISK-FINNEY 2-23 DATE 30 OCT 14 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
276						FLOCELE	50	lbs			2 ⁵⁰	125 ⁰⁰
283						SALT	900	lbs			2 ⁰⁰	180 ⁰⁰
284						CAUSEAL	8	SX			35 ⁰⁰	280 ⁰⁰
292						HALAD-322	125	lbs			8 ⁰⁰	1000 ⁰⁰
290						D-AIR	2	SAL			42 ⁰⁰	84 ⁰⁰
325						STANDARD EA-2	175	SX			14 ⁵⁰	2537 ⁵⁰
581						SERVICE CHARGE					2 ⁰⁰	350 ⁰⁰
583						MILEAGE CHARGE					1 ⁰⁰	824 ⁰⁰
						TOTAL WEIGHT	18325					
						LOADED MILES	70					
						TON MILES	824.62					

CONTINUATION TOTAL 5381.12

JOB LOG

SWIFT Services, Inc.

DATE 30 OCT 14 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. 2-23 LEASE FRSIK-FINNEY JOB TYPE 5 1/2 LONGSTRING TICKET NO. 28012

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1400							ON LOCATION
	1630							START PIPE 5 1/2 - 15.5" RTDP 5100 SET @ 5091 SHOE JT. 21.15 CENTRALIZERS 1,3,5,7,9,11,13,15,17 BASKET 10
	1844							DROP BALL CORRUATE.
	1923	6	12		✓		300	Pump 500 gal mud FLUSH
		6	20		✓		300	Pump 20 Bbl KCL SPACER
	1929		7.5					PLUG RH-30sx MH 20sx
	1936	4	30		✓			MIX 125sx EA-2
	1946							WASHOUT Pump & LINES.
	1949	6			✓			START DISPLACING PLUG.
	2004	Ø	121		✓		1500	PLUG DOWN - LATCH PLUG IN.
	2006							RELEASE PSI - DRY
	2010							WASH TRUCK
	2030							JOB COMPLETE
								THANKS #115
								JASON DAVE PRESTON



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Irsik-Finney #2-23

23-24S-31W Finney,KS

Start Date: 2014.10.28 @ 06:12:10

End Date: 2014.10.28 @ 12:57:17

Job Ticket #: 57774 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.31 @ 09:22:09



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Kevin Timson

23-24S-31W Finney,KS

Irsik-Finney #2-23

Job Ticket: 57774 **DST#: 1**
 Test Start: 2014.10.28 @ 06:12:10

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:56:17
 Time Test Ended: 12:57:17
 Interval: **4840.00 ft (KB) To 4887.00 ft (KB) (TVD)**
 Total Depth: 4887.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2881.00 ft (KB)
 2870.00 ft (CF)
 KB to GR/CF: 11.00 ft

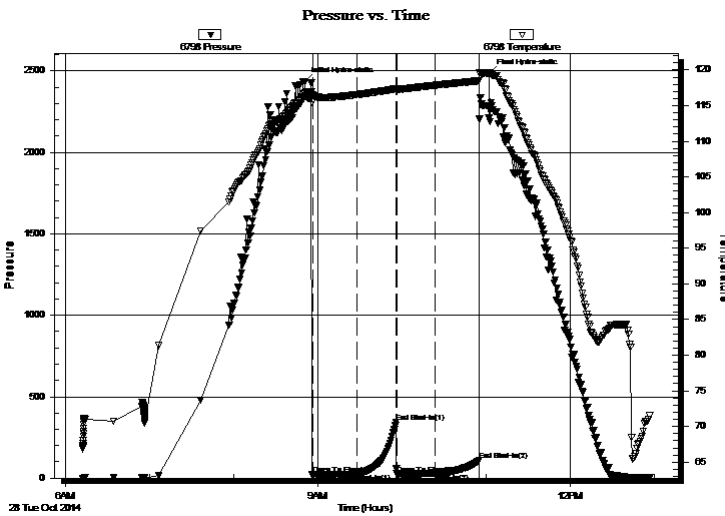
Serial #: 6798

Inside

Press@RunDepth: 27.91 psig @ 4841.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.28 End Date: 2014.10.28 Last Calib.: 2014.10.28
 Start Time: 06:12:11 End Time: 12:57:17 Time On Btm: 2014.10.28 @ 08:50:47
 Time Off Btm: 2014.10.28 @ 11:02:32

TEST COMMENT: IF: Weak 1/4" Blow
 IS: No Blow Back
 FF: Weak Surface Blow
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2431.59	116.67	Initial Hydro-static
6	21.80	116.50	Open To Flow (1)
37	26.53	116.55	Shut-In(1)
65	342.55	117.38	End Shut-In(1)
66	25.91	117.27	Open To Flow (2)
93	27.91	117.85	Shut-In(2)
125	108.39	118.49	End Shut-In(2)
132	2485.29	119.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

23-24S-31W Finney,KS
Irsik-Finney #2-23
Job Ticket: 57774 **DST#: 1**
Test Start: 2014.10.28 @ 06:12:10

Tool Information

Drill Pipe:	Length: 4831.00 ft	Diameter: 3.80 inches	Volume: 67.77 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 67.77 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4840.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4819.00	
Hydraulic tool	5.00			4824.00	
Jars	5.00			4829.00	
Safety Joint	2.00			4831.00	
Packer	5.00			4836.00	26.00 Bottom Of Top Packer
Packer	4.00			4840.00	
Stubb	1.00			4841.00	
Recorder	0.00	6798	Inside	4841.00	
Recorder	0.00	8367	Outside	4841.00	
Perforations	5.00			4846.00	
Change Over Sub	1.00			4847.00	
Drill Pipe	31.00			4878.00	
Change Over Sub	1.00			4879.00	
Perforations	5.00			4884.00	
Bullnose	3.00			4887.00	47.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

23-24S-31W Finney,KS
Irsik-Finney #2-23
Job Ticket: 57774 **DST#: 1**
Test Start: 2014.10.28 @ 06:12:10

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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3100.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

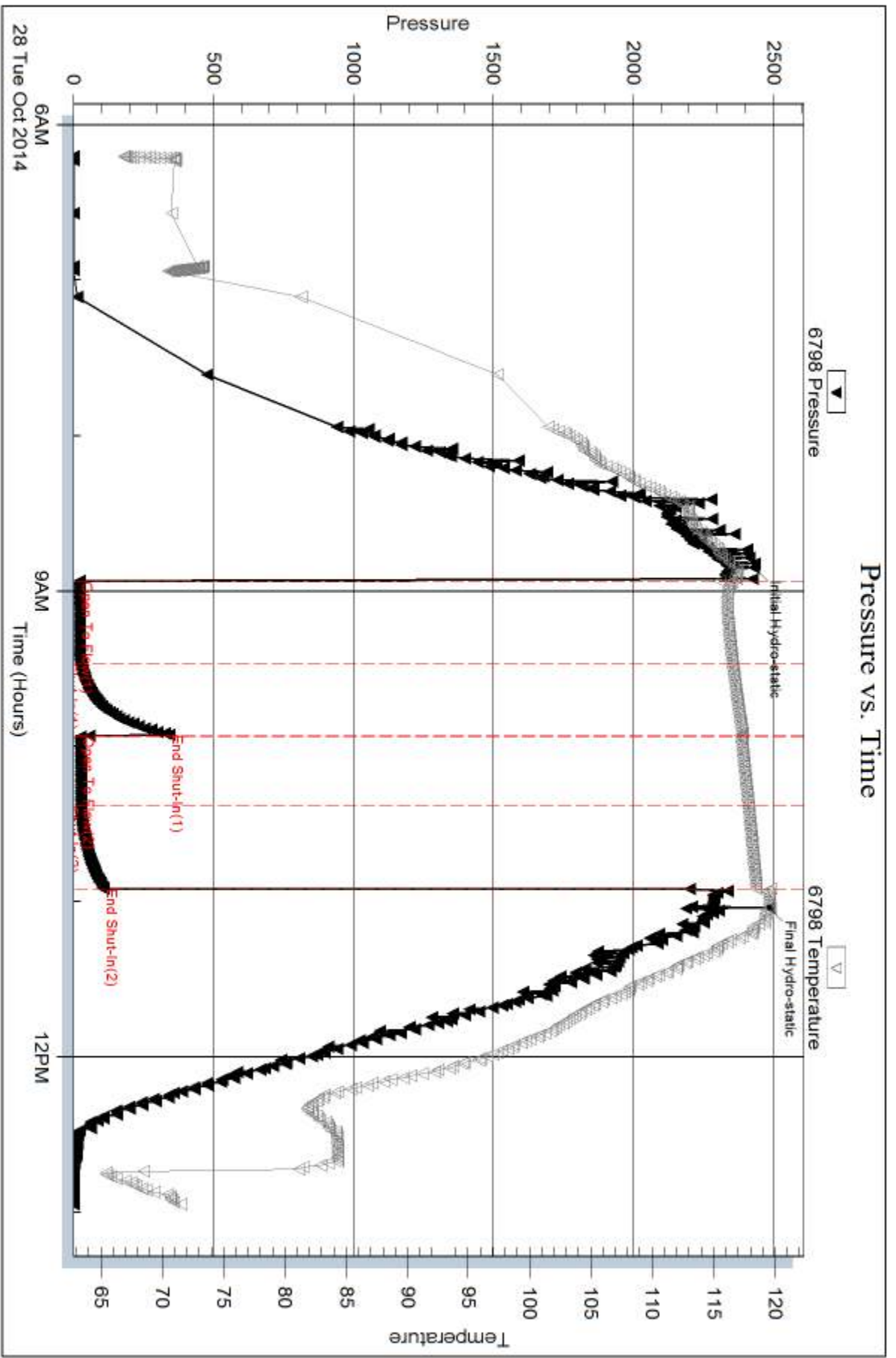
Serial #: 6798

Inside

American Warrior Inc

Isik-Finey #2-23

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 57774

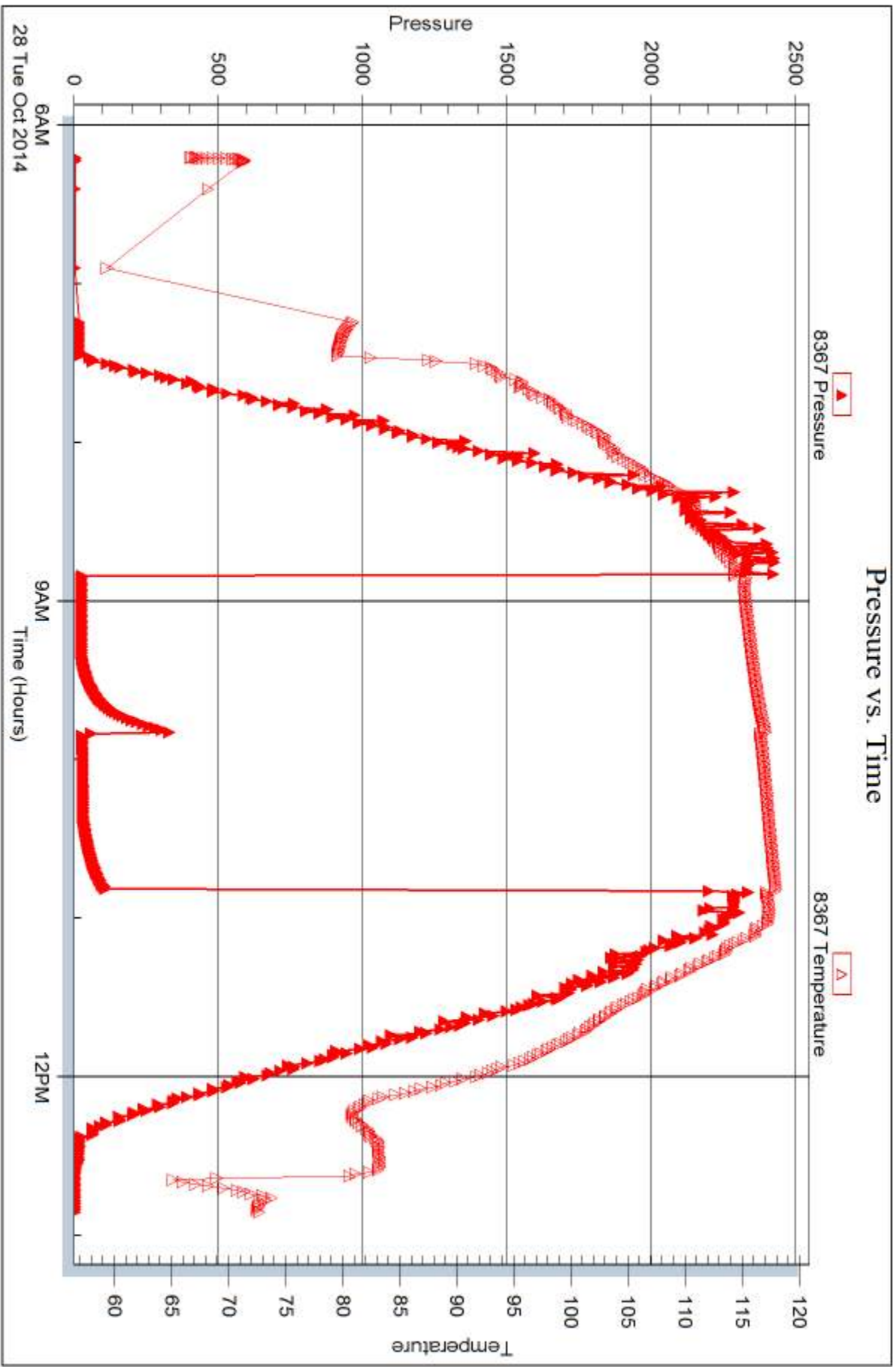
Printed: 2014, 10, 31 @ 09:22:10

Serial #: 8367

Outside American Warrior Inc

Isik-Finney #2-23

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 57774

Printed: 2014, 10, 31 @ 09:22:11



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Irsik-Finney #2-23

23-24S-31W Finney,KS

Start Date: 2014.10.28 @ 22:58:41

End Date: 2014.10.29 @ 06:54:11

Job Ticket #: 57775 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.31 @ 09:20:07



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

23-24S-31W Finney,KS

Irsik-Finney #2-23

Job Ticket: 57775

DST#: 2

Test Start: 2014.10.28 @ 22:58:41

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:03:56
 Time Test Ended: 06:54:11
 Interval: **4898.00 ft (KB) To 4948.00 ft (KB) (TVD)**
 Total Depth: 4948.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2881.00 ft (KB)
 2870.00 ft (CF)
 KB to GR/CF: 11.00 ft

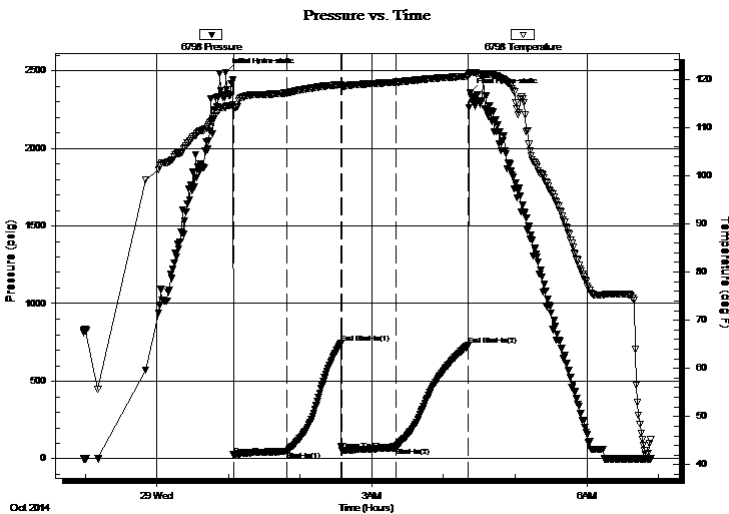
Serial #: 6798

Inside

Press@RunDepth: 74.76 psig @ 4899.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.28 End Date: 2014.10.29 Last Calib.: 2014.10.29
 Start Time: 22:58:42 End Time: 06:54:11 Time On Btm: 2014.10.29 @ 00:57:26
 Time Off Btm: 2014.10.29 @ 04:22:26

TEST COMMENT: IF: Fair Blow , BOB in 22 minutes
 IS: No Blow Back
 FF: Fair Blow , BOB in 8 minutes
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2488.77	114.16	Initial Hydro-static
7	25.51	114.12	Open To Flow (1)
52	48.24	117.14	Shut-In(1)
97	746.81	118.86	End Shut-In(1)
98	56.37	118.58	Open To Flow (2)
143	74.76	119.35	Shut-In(2)
204	731.10	120.59	End Shut-In(2)
205	2355.38	121.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	OCM 40%O 60%M	2.10

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

23-24S-31W Finney,KS

Irsik-Finney #2-23

Job Ticket: 57775

DST#: 2

Test Start: 2014.10.28 @ 22:58:41

Tool Information

Drill Pipe:	Length: 4893.00 ft	Diameter: 3.80 inches	Volume: 68.64 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 68.64 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4898.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	50.00 ft				
Tool Length:	76.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4877.00	
Hydraulic tool	5.00			4882.00	
Jars	5.00			4887.00	
Safety Joint	2.00			4889.00	
Packer	5.00			4894.00	26.00 Bottom Of Top Packer
Packer	4.00			4898.00	
Stubb	1.00			4899.00	
Recorder	0.00	6798	Inside	4899.00	
Recorder	0.00	8367	Outside	4899.00	
Perforations	7.00			4906.00	
Change Over Sub	1.00			4907.00	
Drill Pipe	32.00			4939.00	
Change Over Sub	1.00			4940.00	
Perforations	5.00			4945.00	
Bullnose	3.00			4948.00	50.00 Bottom Packers & Anchor

Total Tool Length: 76.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

23-24S-31W Finney,KS
Irsik-Finney #2-23
Job Ticket: 57775 **DST#: 2**
Test Start: 2014.10.28 @ 22:58:41

Mud and Cushion Information

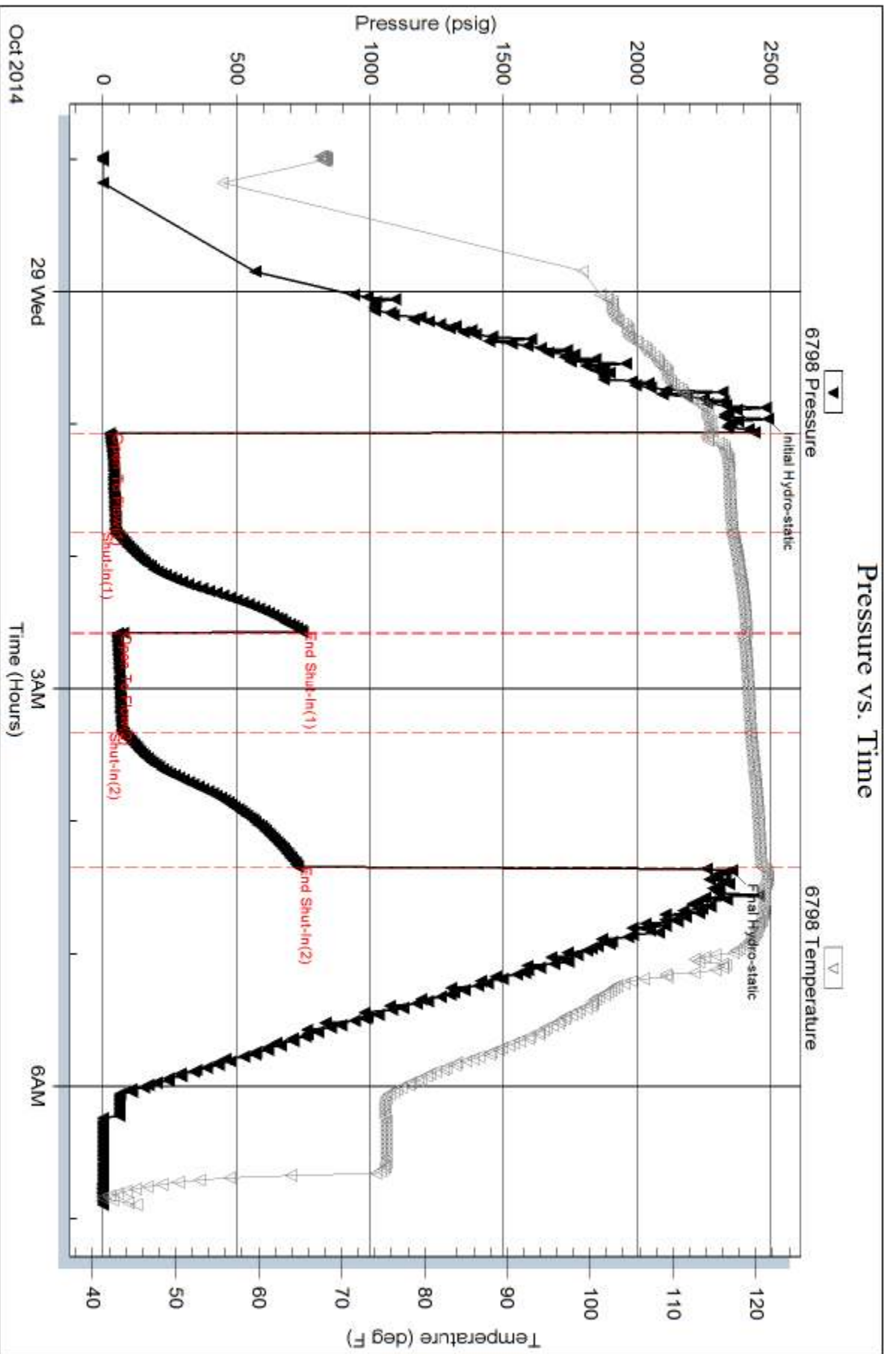
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3100.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	OCM 40%O 60%M	2.104

Total Length: 150.00 ft Total Volume: 2.104 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

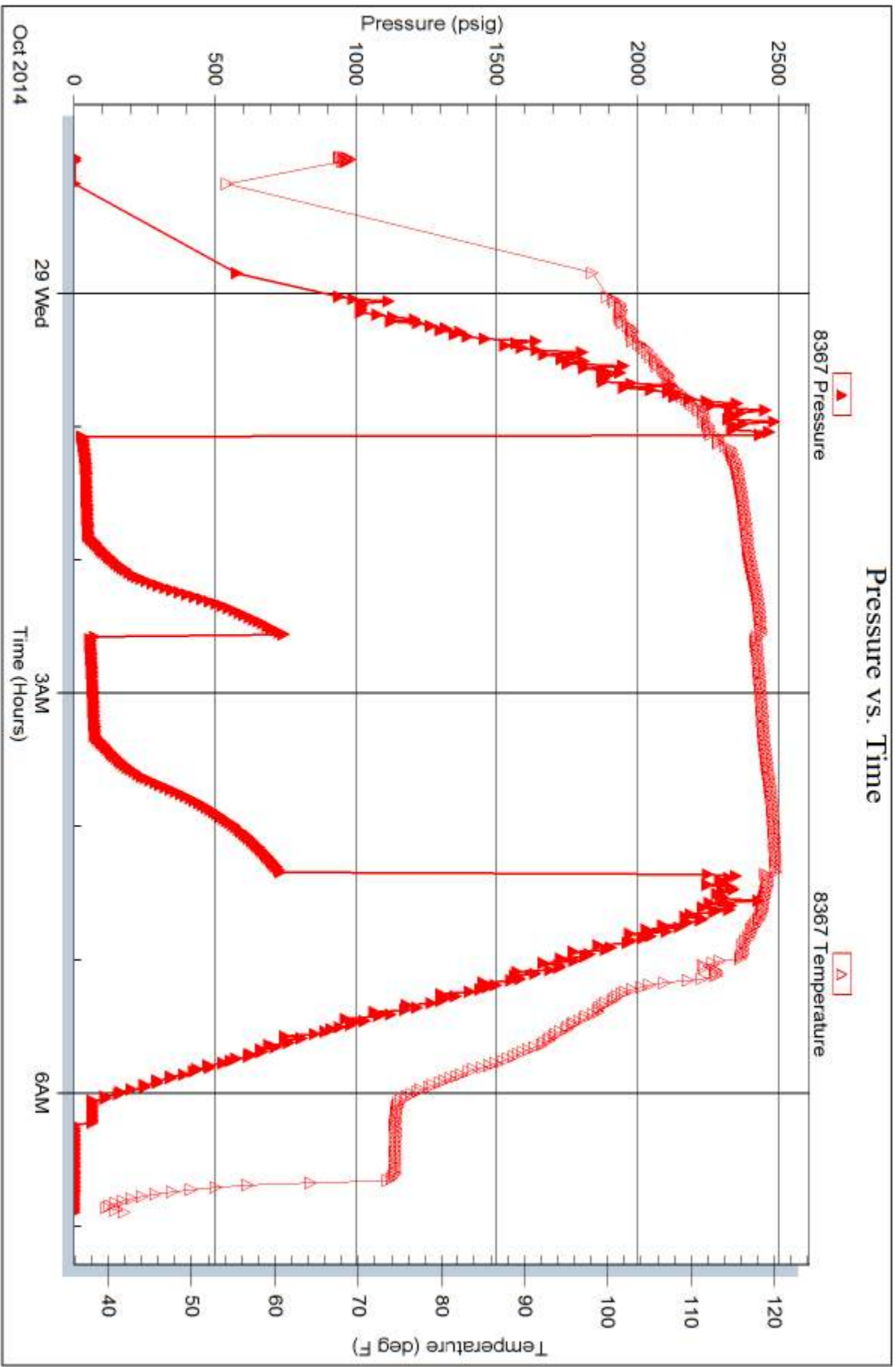


Serial #: 8367

Outside American Warrior Inc

Irsik-Finney #2-23

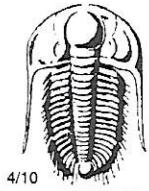
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 57775

Printed: 2014, 10, 31 @ 09:20:08



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57774

Well Name & No. Irsik - Finney 2-23 Test No. 1 Date 10/28/14
 Company American warrior INC Elevation 2881 KB 2870 GL
 Address Po Box 399 Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke 10
 Location: Sec. 23 Twp. 24 S Rge. 31 W Co. Finney State KS

Interval Tested 4840 - 4887 Zone Tested Morrow
 Anchor Length 47 Drill Pipe Run 4831 Mud Wt. 9.3
 Top Packer Depth 4835 Drill Collars Run 0 Vis 49
 Bottom Packer Depth 4840 Wt. Pipe Run 0 WL 9.2
 Total Depth 4887 Chlorides 3100 ppm System LCM 2

Blow Description IF: weak 1/4 inch Blow
ISI: NO BLOW BACK
FF: weak surface Blow
FST: NO Blow Back

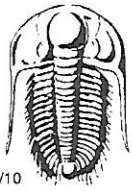
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud</u>				

Rec Total 10 BHT 120 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic <u>2432</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>04:00</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>06:12</u>
(C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>08:56</u>
(D) Initial Shut-In <u>342</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>10:55</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>12:57</u>
(F) Second Final Flow <u>28</u>	<input checked="" type="checkbox"/> Mileage <u>240</u> 95rt 147.25	Comments <u>Motel</u>
(G) Final Shut-In <u>108</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2485</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1722.25</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1722.25</u>	

Approved By _____ Our Representative [Signature]

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57775

Well Name & No. Ipsik - Finney 2-23 Test No. 2 Date 10/28/14
 Company American warrior inc Elevation 2881 KB 2870 GL
 Address PO BOX 399 Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke 10
 Location: Sec. 23 Twp. 24S Rge. 31W Co. Finney State KS

Interval Tested 4898 - 4948 Zone Tested Mississippi
 Anchor Length 50 Drill Pipe Run 4893 Mud Wt. 9.3
 Top Packer Depth 4893 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 4898 Wt. Pipe Run 0 WL 8.4
 Total Depth 4948 Chlorides 1800 ppm System LCM 3

Blow Description IF: Fair Blow, BOB in 22 minutes
ISI: NO BLOW BACK
FF: Fair Blow, BOB in 8 minutes
FSI: NO BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>OCM</u>	<u>40</u>		<u>60</u>	

Rec Total 150 BHT 120 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic	<u>2489</u>	<input checked="" type="checkbox"/> Test	<u>1250</u>	T-On Location	<u>22:15</u>
(B) First Initial Flow	<u>25</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>22:58</u>
(C) First Final Flow	<u>48</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>01:03</u>
(D) Initial Shut-In	<u>747</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>04:20</u>
(E) Second Initial Flow	<u>56</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>06:54</u>
(F) Second Final Flow	<u>75</u>	<input checked="" type="checkbox"/> Mileage	<u>240</u> 147.25	Comments	
(G) Final Shut-In	<u>731</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2355</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
		<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Open	<u>45</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Initial Shut-In	<u>45</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Flow	<u>45</u>	<input type="checkbox"/> Day Standby		Total	<u>1722.25</u>
Final Shut-In	<u>60</u>	<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1722.25</u>		

Approved By _____ Our Representative [Signature]

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Geological Report

American Warrior, Inc.

Irsik-Finney #2-23

1104' FSL & 2310' FWL

Sec. 23, T24s, R31w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Irsik-Finney #2-23
1104' FSL & 2310' FWL
Sec. 23, T24s, R31w
Finney County, Kansas
API # 15-055-22351-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: October 22, 2014

Completion Date: October 30, 2014

Elevation 2870' G.L.
2881' K.B.

Directions: From Garden City, KS. Go Southeast on Hwy 50 to Pole Line Rd. Go East 2 miles to Sherman Rd. Go South 1 mile and East on lease road and North into.

Casing: 1699' 8 5/8" #21 Surface Casing
5091' 5 1/2" #15.5 Production Casing

Samples: 4600' to RTD 10' Wet & Dry

Drilling Time: 3950' to RTD

Electric Logs: Pioneer Energy Services "D. Kerr"
Stacked-Micro

Drillstem Tests: Two-Trilobite Testing "Leal Cason"

Problems: None

Formation Tops

Irsik-Finney #2-23

Sec. 23, T24s, R31w

1104' FSL & 2310' FWL

Anhydrite	1947' +934
Base	2017' +864
Heebner	4019' -1138
Lansing	4074' -1193
Stark	4424' -1543
Bkc	4553' -1672
Marmaton	4575' -1694
Pawnee	4650' -1769
Fort Scott	4678' -1797
Cherokee	4691' -1810
Morrow	4852' -1971
Miss	4885' -2004
RTD	5100' -2219
LTD	5100' -2219

Sample Zone Descriptions

St. Louis (4885', -2004): Covered in DST #2

Ls. Tan. Sub crystalline. Fair oomoldic and oolycastic porosity. Fair stain and fair saturation in porosity. Slight show of free oil when broken. Fair odor. 80 units hotwire.

Drill Stem Tests
Trilobite Testing
“Leal Cason”

DST #1

Morrow

Interval (4840' – 4887') Anchor Length 47'

IHP	- 2432 #	
IFP	- 30" – WSB built to 1/4"	22-26 #
ISI	- 30" – No return	342 #
FFP	- 30" – WSB	26-28 #
FSIP	- 30" – No return	108 #
FHP	- 2485 #	
BHT	- 120 ° F	
Recovery:	10' Mud	

DST #2

St. Louis

Interval (4898' - 4948') Anchor Length 50'

IHP	- 2489 #	
IFP	- 45" - BOB in 22 min	25-48 #
ISI	- 45" - No return	747 #
FFP	- 45" - BOB in 8 min	56-75 #
FSIP	- 60" - No return	731 #
FHP	- 2355 #	
BHT	- 120° F	
Recovery:	150' OCM (40% Oil)	

Structural Comparison

	American Warrior, Inc. Irsik-Finney #2-23 Sec. 23, T24s, R31w 1104' FSL & 2310' FWL		American Warrior, Inc. Irsik-Finney #3-23 Sec. 23, T24s, R31w 2269' FNL & 2558' FEL		American Warrior, Inc. Irsik-Finney #4-23 Sec. 23, T24s, R31w 528' FSL & 2580' FWL
Formation					
Heebner	4019' -1138	-1	4016' -1137	-1	4020' -1137
Lansing	4074' -1193	-3	4069' -1190	-5	4071' -1188
Stark	4424' -1543	-2	4424' -1545	-1	4425' -1542
BKC	4553' -1672	+1	4552' -1673	+1	4556' -1673
Marmaton	4575' -1694	+3	4576' -1697	-1	4576' -1693
Pawnee	4650' -1769	-1	4647' -1768	FL	4652' -1769
Fort Scott	4678' -1797	-5	4671' -1792	-2	4678' -1795
Cherokee	4691' -1810	-7	4682' -1803	-3	4690' -1807
Morrow	4852' -1971	-16	4834' -1955	-8	4846' -1963
Miss	4885' -2004	-18	4865' -1986	-7	4880' -1997

Summary

The location for the Irsik-Finney #2-23 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, one of which recovered commercial quantities of oil from the St. Louis Limestone formation. After all the gathered data had been examined, the decision was made to run 5 ½" production casing to further evaluate the Irsik-Finney #2-23 well.

Perforations

Primary:	St. Louis	(4925'-4930')	DST #2
Before Abandonment:	Cherokee	(4763' – 4771')	Not Tested

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

