



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1235375
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: _____

1235375

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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
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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. <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Whipple E 1-9
Doc ID	1235375

Tops

Name	Top	Datum
Anhy	2008'	+635
B/Anhy	2038'	+605
Heebner	3941'	-1298
Lansing	3981'	-1338
B/KC	4310'	-1667
Marmaton	4319'	-1676
Ft.Scott	4497'	-1854
Cherokee	4521'	-1878
Mississippian	4594'	-1951

ALLIED OIL & GAS SERVICES, LLC 063913

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Great Bend KS

DATE <u>11-04-14</u>	SEC. <u>9</u>	TWP. <u>19</u>	RANGE <u>26</u> *	CALLED OUT	ON LOCATION <u>9:40 AM</u>	JOB START <u>10:30 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>Whipple E</u>		WELL # <u>1-9</u>		LOCATION <u>Beeler To CRD North 3 3/4 M</u>		COUNTY <u>NESS</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				<u>East into</u>			

CONTRACTOR Duke OWNER _____

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 245

CASING SIZE 5 5/8 24 LBS DEPTH 230

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15 FT

PERFS. _____

DISPLACEMENT 13.69 Fresh H2O

EQUIPMENT

PUMP TRUCK CEMENTER Kevin Goble

517 HELPER Charles Kinyon

BULK TRUCK _____

603 DRIVER Candelario Montemayor (TRD)

BULK TRUCK _____

_____ DRIVER _____

CEMENT

AMOUNT ORDERED 150 CLASS A 3% cc 2% Gel

Gel _____

COMMON 150 @ 17.90 2,685.00

POZMIX _____ @ _____

GEL 282 @ .50 141.00

CHLORIDE 423 @ 1.10 465.30

ASC _____

Materials Total 3,291.30

Disc. 20% 658.26

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

Service _____

HANDLING 162.20 @ 2.48 402.26

MILEAGE 7.40 x 25 x 2.75 508.75

REMARKS:

On location - Held safety meeting - Rig up
Rig ran 230 ft 5 5/8 casing Blake live
W/ Rig mud. Pump 5 Ahead. mix 150
5x5 CLASS A 3% cc 2% Gel. Displaced
13.69 BBls Fresh H2O. Shut in and
Rig Down

DEPTH OF JOB 230

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE @ _____

MILEAGE Num 25 @ 7.70 192.50

MANIFOLD @ _____

Lum 25 @ 4.40 110.00

_____ @ _____

CHARGE TO: American Warrior

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 2,725.76

Disc 20% 545.15

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 0
Disc 0%

To: Allied Oil & Gas Services, 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 KENNETH M'GUIRE

SIGNATURE Kenneth McGuire

SALES TAX (If Any) _____

TOTAL CHARGES 6,017.06

DISCOUNT 20% 1,203.41 (20/20/0)

4,813.65

IF PAID IN 30 DAYS



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

TICKET 28065

PAGE 1 OF

SERVICE LOCATIONS
 1. NESS CITY, KS. WELL/PROJECT NO. WHIPPLE E-1-9 LEASE NESS COUNTY/PARISH NESS STATE KS. CITY BEELER, KS. DATE 3 DEC 14 OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR HD OILFIELD SERV. RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE OIL WELL CATEGORY DEVELOPMENT JOB PURPOSE CEMENT PORT COLLAR WELL PERMIT NO. WELL LOCATION 32N, WINTO
 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	25	mi	6	150	150
576D					Pump CHARGE	1	JOB	1500	1500	1500
105					PORT COLLAR OPENING TOOL	1	JOB	350	350	350
276					FLOOCE	32	lb	2	80	80
290					D-AIR	1	qt	42	42	42
330					SMD CEMENT	125	sk	18	2312	2312
581					CEMENT SERVICE CHARGE	200	sk	2	400	400
582					MINIMUM DRAHAGE	19950	lb	24937	250	250

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 3 DEC 14 TIME SIGNED 1045 AM 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	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				5084 ⁵⁰
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				NESS TAX 6.15%
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				171 ²⁵
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL 5255 ⁷⁵

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR [Signature] APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 3 DEC 14 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE

WHIPPLE E 1-9

JOB TYPE

CEMENT PORT COLLAR

TICKET NO.

28065

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							ON LOCATION
								PORT COLLAR @ 2275 1996
	0927				✓		1000	TEST - HELD
	0930							OPEN PORT COLLAR
	0932	4	69	✓			600	MIX 125 SX SMD
		3	7	✓			200	DISPLACE CEMENT
								CIRCULATE 20 SX TO PIT
	0953				✓		1000	CLOSE PORT COLLAR - TEST - HELD
								RUN 4 JTS
	1004	4	20		✓		300	REVERSE CLEAN
	1011							WASH TRUCK
	1130							JOB COMPLETE.
								THANKS #115
								JASON DAVE JARED



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

TICKET 28056

PAGE 1 OF 2

SERVICE LOCATIONS: **NESS CITY, KS** WELL/PROJECT NO.: **WHIPPLE E 1-9** LEASE: **NESS** COUNTY/PARISH: **NESS** STATE: **KS.** CITY: **BEELEER, KS.** DATE: **22 NOV 14** OWNER:
 TICKET TYPE: SERVICE SALES CONTRACTOR: **DUKE DRILLING # 5** RIG NAME/NO.: SHIPPED VIA: DELIVERED TO: ORDER NO.:
 WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **5 1/2 LONG STRING** WELL PERMIT NO.: WELL LOCATION: **3 1/2 N, WIJTO**
 REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE # 115	25		MIL		6 ⁰⁰	150 ⁰⁰
578					Pump CHARGE	1		JOB		1500 ⁰⁰	1500 ⁰⁰
402					CENTRALIZERS	9		EA.		70 ⁰⁰	630 ⁰⁰
403					CEMENT BASKETS	2		EA		300 ⁰⁰	600 ⁰⁰
404					PORT COLLAR	1		EA.		2900 ⁰⁰	2900 ⁰⁰
406					LATCH DOWN PLUG & BAFFLE	1		EA.		275 ⁰⁰	275 ⁰⁰
407					INSERT FLOAT SHOE W/FILL	1		EA		375 ⁰⁰	375 ⁰⁰
419					ROTATING HEAD RENTAL	1		JOB		200 ⁰⁰	200 ⁰⁰
281					MUD FLUSH	500		gal		135 ⁰⁰	675 ⁰⁰
221					LIQUID KCL	2		gal		25 ⁰⁰	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: **22 NOV 14** TIME SIGNED: **1315** 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 7305 ⁰⁰ 2 4806 ⁰⁰
WE UNDERSTOOD AND MET YOUR NEEDS?				sub total	12,111 ⁵⁰
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				ness TAX	666 ⁷⁵
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				total	12,777 ⁹⁵
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL	
<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: *[Signature]*

APPROVAL:

Thank You!



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

TICKET CONTINUATION

TICKET No. 28056

CUSTOMER AMERICAN WARRIOR ~~EA-2~~ WELL WHIPPLE E 1-9 DATE 22NDU14 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 ²⁰	180 ⁰⁰
284						CALSEAL	8	sq			35 ⁰⁰	280 ⁰⁰
292						HALAD-322	125	lbs			8 ⁰⁰	1000 ⁰⁰
290						D-AIR	2	sq			42 ⁰⁰	84 ⁰⁰
325						STANDARD EA-2	175	sq			14 ⁵⁰	2537 ⁵⁰
581						SERVICE CHARGE					2 ⁰⁰	350 ⁰⁰
582						MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	CUBIC FEET	TON MILES		
							18325	25	175 sq	229.06	250 ⁰⁰	250 ⁰⁰

CONTINUATION TOTAL 4806⁵⁰

JOB LOG

SWIFT Services, Inc.

DATE 22 Nov 14 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE

WHIPPLE E 1-9

JOB TYPE

5 1/2 LONG STRING

TICKET NO.

28056

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0800							ON LOCATION
	0940							START PIPE 5 1/2 - 15.5 # RTD @ SET @ SHOET. 24.10 CENTRALIZERS 1, 3, 5, 7, 9, 11, 13, 15, 16 # BASKETS # 7, 16 # PORT COLLAR # 16 # @ 1996
	1147							DROP BALL - CIRCULATE
	1200	6	12			300		Pump 500 gal MUD FLUSH
		6	20			300		Pump 20 Bbl KCL SPACER
	1210		7.5					PLUG RA-30sx MH-20sx
	1214	4	30					MIX 125sx EA-2
	1224							WASH OUT Pump & LINES.
	1227	6						START DISPLACING PLUG.
	1250	8	112			1500		PLUG DOWN - LATCH PLUG IN.
	1252							RELEASE PSI - DRY
	1255							WASH TRUCK
	1330							JOB COMPLETE.
								THANKS # 115
								JASON DAVE PRESTON



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Luke Thompson

Whipple E #1-9

9-18s-26w Ness,KS

Start Date: 2014.11.11 @ 20:44:42

End Date: 2014.11.12 @ 03:51:36

Job Ticket #: 58602 DST #: 1

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

Printed: 2014.11.14 @ 16:04:04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc.

9-18s-26w Ness, KS

PO Box 399
Garden City KS 67846

Whipple E #1-9

Job Ticket: 58602

DST#: 1

ATTN: Luke Thompson

Test Start: 2014.11.11 @ 20:44:42

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:15:07

Time Test Ended: 03:51:36

Test Type: Conventional Bottom Hole (Initial)

Tester: James Geier

Unit No: 71

Interval: 4324.00 ft (KB) To 4434.00 ft (KB) (TVD)

Reference Elevations: 2643.00 ft (KB)

Total Depth: 4434.00 ft (KB) (TVD)

2631.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 12.00 ft

Serial #: 8355

Inside

Press@RunDepth: 38.95 psig @ 4332.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.11

End Date:

2014.11.12

Last Calib.:

2014.11.12

Start Time: 20:44:42

End Time:

03:51:36

Time On Btm:

2014.11.12 @ 00:14:22

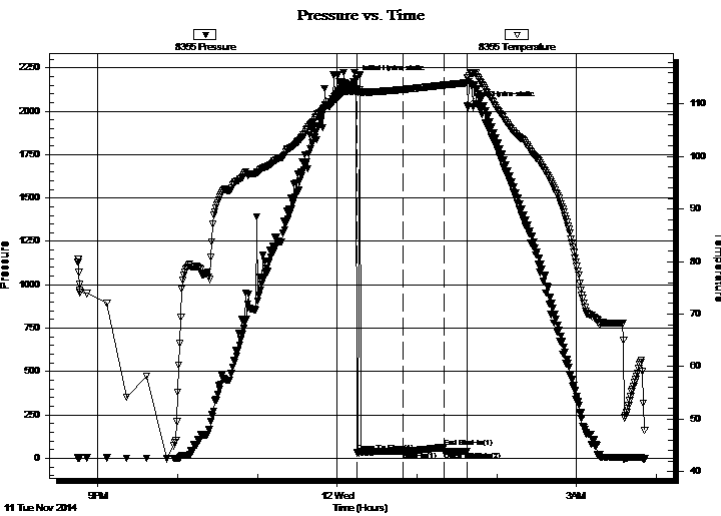
Time Off Btm:

2014.11.12 @ 01:37:37

TEST COMMENT: IF: 30 1/4 " Blow / Died @ 20 min.

IS: 30 No return

FF: 10 No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2185.46	112.88	Initial Hydro-static
1	32.04	112.38	Open To Flow (1)
36	38.95	112.77	Shut-In(1)
66	62.74	113.60	End Shut-In(1)
66	41.12	113.61	Open To Flow (2)
83	41.53	114.05	Shut-In(2)
84	2032.42	114.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100%	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

9-18s-26w Ness,KS

PO Box 399
Garden City KS 67846

Whipple E #1-9

Job Ticket: 58602

DST#: 1

ATTN: Luke Thompson

Test Start: 2014.11.11 @ 20:44:42

Tool Information

Drill Pipe:	Length: 4077.00 ft	Diameter: 2.25 inches	Volume: 20.05 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 248.50 ft	Diameter: 3.80 inches	Volume: 3.49 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 23.54 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.50 ft			String Weight: Initial	69000.00 lb
Depth to Top Packer:	4324.00 ft			Final	69000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	110.00 ft				
Tool Length:	138.00 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		Fluid	4297.00	
Shut In Tool	5.00			4302.00	
Hydraulic tool	5.00			4307.00	
Jars	5.00			4312.00	
Safety Joint	3.00			4315.00	
Packer	5.00			4320.00	28.00 Bottom Of Top Packer
Packer	4.00			4324.00	
Stubb	1.00			4325.00	
Perforations	7.00			4332.00	
Recorder	0.00	8355	Inside	4332.00	
Recorder	0.00	8674	Outside	4332.00	
Change Over Sub	1.00			4333.00	
Drill Pipe	94.50			4427.50	
Change Over Sub	1.50			4429.00	
Bullnose	5.00			4434.00	110.00 Bottom Packers & Anchor

Total Tool Length: 138.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

9-18s-26w Ness,KS

PO Box 399
Garden City KS 67846

Whipple E #1-9

Job Ticket: 58602

DST#: 1

ATTN: Luke Thompson

Test Start: 2014.11.11 @ 20:44:42

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%	0.028

Total Length: 2.00 ft Total Volume: 0.028 bbl

Num Fluid Samples: 0

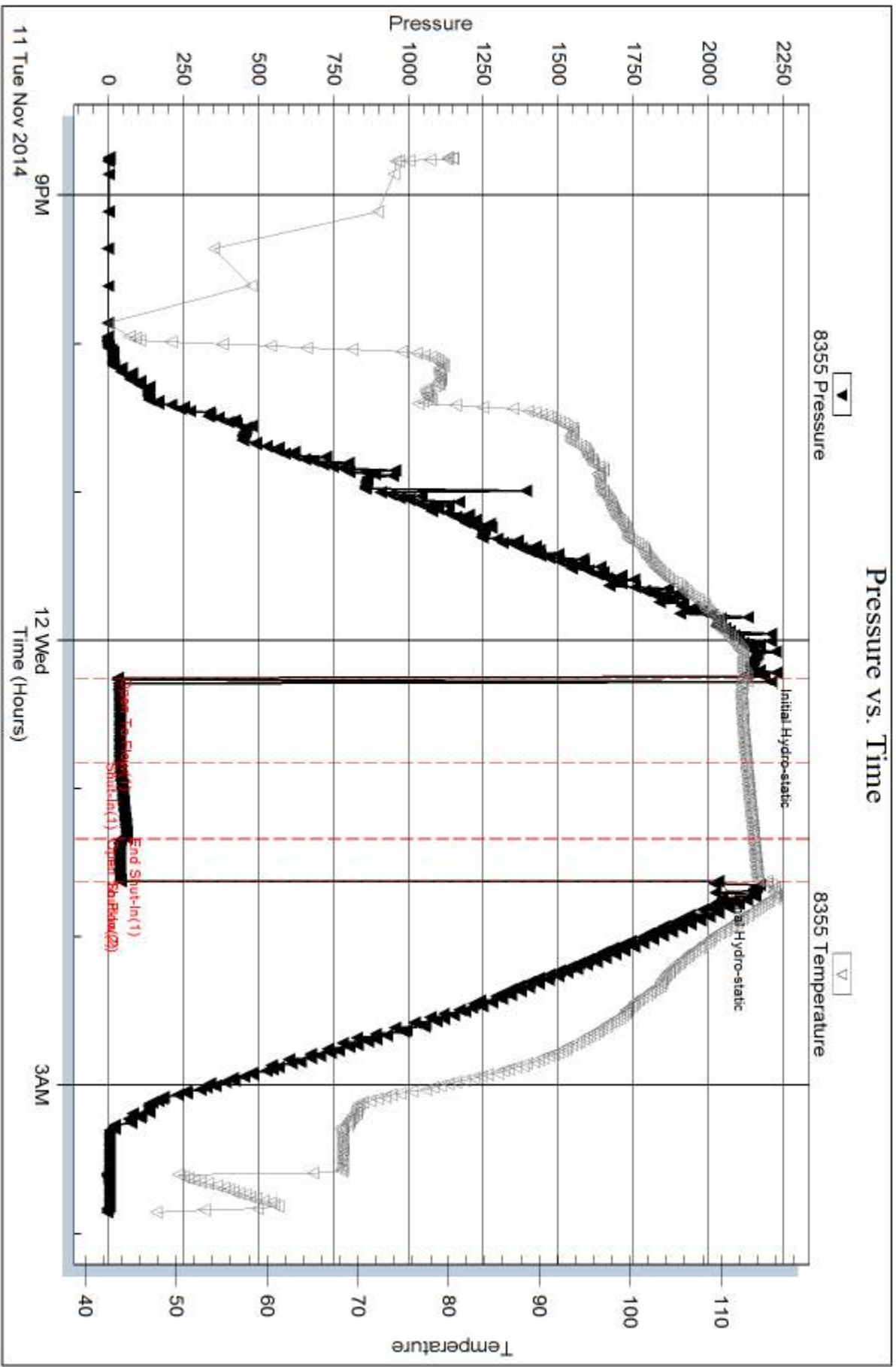
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

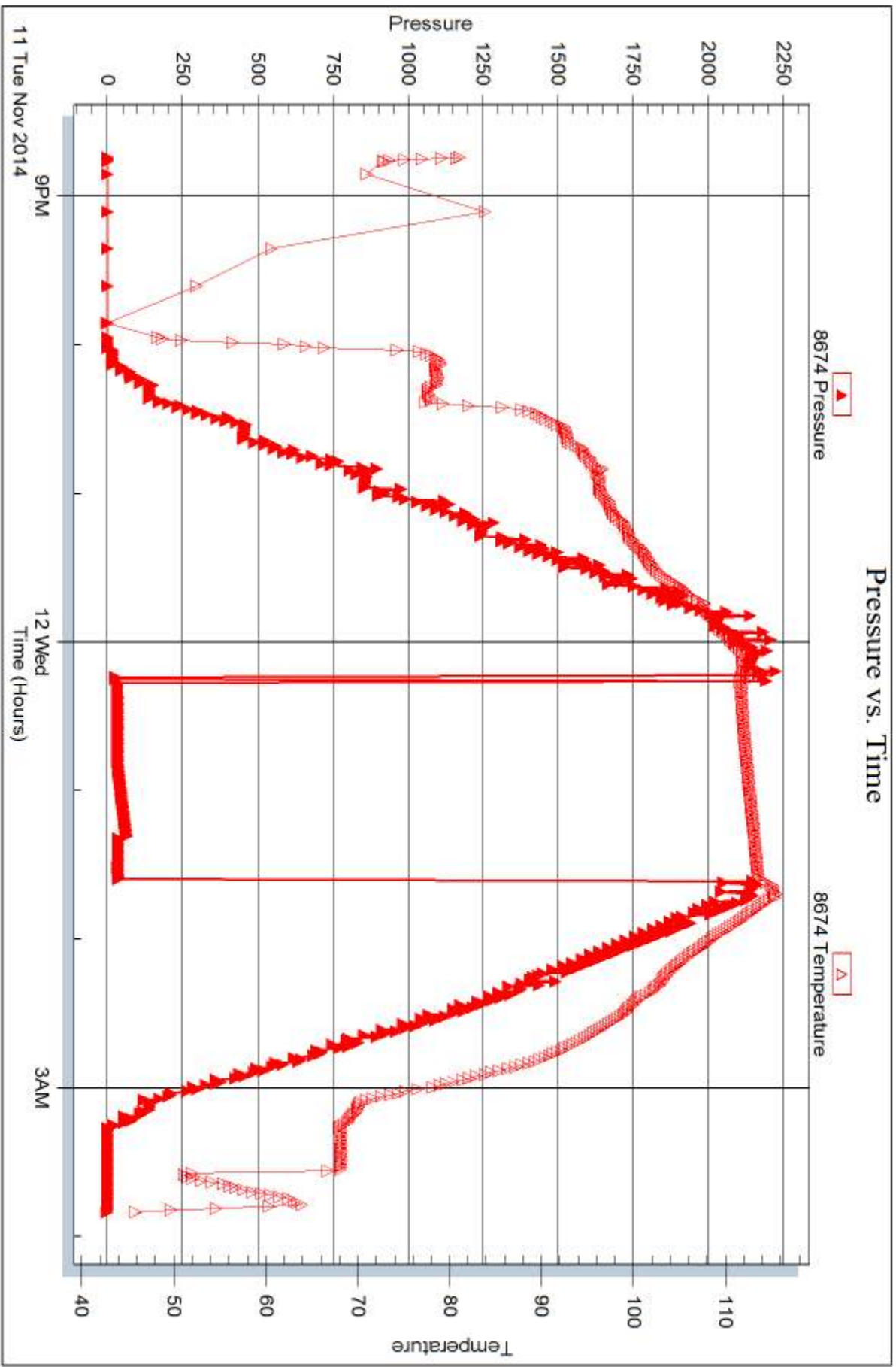


Serial #: 8674

Outside American Warrior Inc.

Whipple E#1-9

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59602

Printed: 2014.11.14 @ 16:04:06



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Luke Thompson

Whipple E #1-9

9-18s-26w Ness,KS

Start Date: 2014.11.13 @ 07:30:00

End Date: 2014.11.13 @ 17:50:40

Job Ticket #: 58708 DST #: 2

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

Printed: 2014.11.14 @ 16:02:55

American Warrior Inc. 9-18s-26w Ness,KS Whipple E #1-9 DST # 2 Mississippi 2014.11.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.

9-18s-26w Ness,KS

PO Box 399
Garden City KS 67846

Whipple E #1-9

Job Ticket: 58708

DST#: 2

ATTN: Luke Thompson

Test Start: 2014.11.13 @ 07:30:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:11:10

Time Test Ended: 17:50:40

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 71

Interval: 4549.00 ft (KB) To 4611.00 ft (KB) (TVD)

Reference Elevations: 2643.00 ft (KB)

Total Depth: 4611.00 ft (KB) (TVD)

2631.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8674 Outside

Press@RunDepth: 251.14 psig @ 4573.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.13

End Date:

2014.11.13

Last Calib.:

2014.11.13

Start Time:

07:30:00

End Time:

17:50:40

Time On Btm:

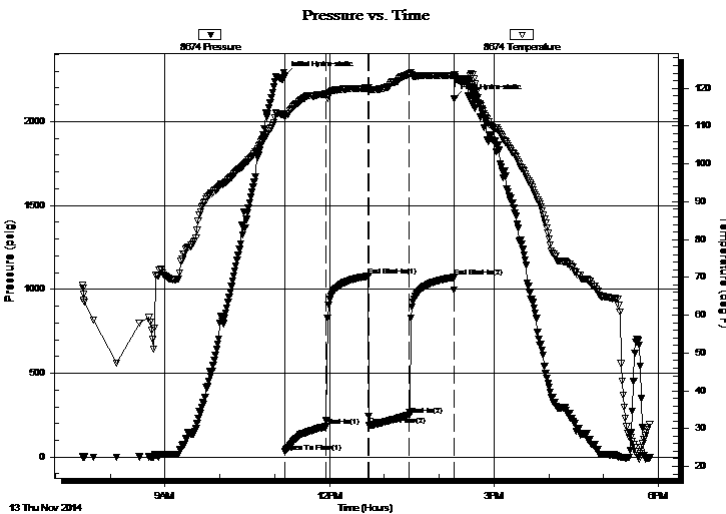
2014.11.13 @ 11:10:55

Time Off Btm:

2014.11.13 @ 14:16:39

TEST COMMENT: IF- Weak Surface Blow Built to BOB in 28 min
IS- Weak Surface Blow in 20 min
FF- Weak Surface Blow Built to BOB in 19 min
FS- Weak Surface Blow in 4 1/4 min Built to 1"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2272.41	113.29	Initial Hydro-static
1	30.33	112.38	Open To Flow (1)
46	181.15	118.45	Shut-In(1)
92	1078.89	120.08	End Shut-In(1)
92	189.30	119.71	Open To Flow (2)
137	251.14	123.77	Shut-In(2)
186	1071.45	123.31	End Shut-In(2)
186	2135.32	123.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	WGOCM 2%w 20%g 20%oil 58%m	1.74
124.00	WGMCO 3%w 9%g 43%m 45%oil	1.74
252.00	WGMCO 3%w 18%g 30%m 49%oil	1.25
63.00	MGCO 10%m 14%g 76%oil	0.31
48.00	MCGO 3%m 8%g 89%oil	0.24
0.00	204' of GIP	0.00

* 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.

9-18s-26w Ness,KS

PO Box 399
Garden City KS 67846

Whipple E #1-9

Job Ticket: 58708

DST#: 2

ATTN: Luke Thompson

Test Start: 2014.11.13 @ 07:30:00

Tool Information

Drill Pipe:	Length: 4302.00 ft	Diameter: 2.25 inches	Volume: 21.16 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 3.80 inches	Volume: 3.49 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 24.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4549.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	90.00 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			4522.00	
Shut In Tool	5.00			4527.00	
Hydraulic tool	5.00			4532.00	
Jars	5.00			4537.00	
Safety Joint	3.00			4540.00	
Packer	5.00			4545.00	28.00 Bottom Of Top Packer
Packer	4.00			4549.00	
Stubb	1.00			4550.00	
Perforations	23.00			4573.00	
Recorder	0.00	8674	Outside	4573.00	
Recorder	0.00	8355	Outside	4573.00	
Change Over Sub	1.00			4574.00	
Drill Pipe	31.00			4605.00	
Change Over Sub	1.00			4606.00	
Bullnose	5.00			4611.00	62.00 Bottom Packers & Anchor

Total Tool Length: 90.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

9-18s-26w Ness,KS

PO Box 399
Garden City KS 67846

Whipple E #1-9

Job Ticket: 58708

DST#: 2

ATTN: Luke Thompson

Test Start: 2014.11.13 @ 07:30:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 7.95 in³
Resistivity: ohm.m
Salinity: 4100.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 38 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

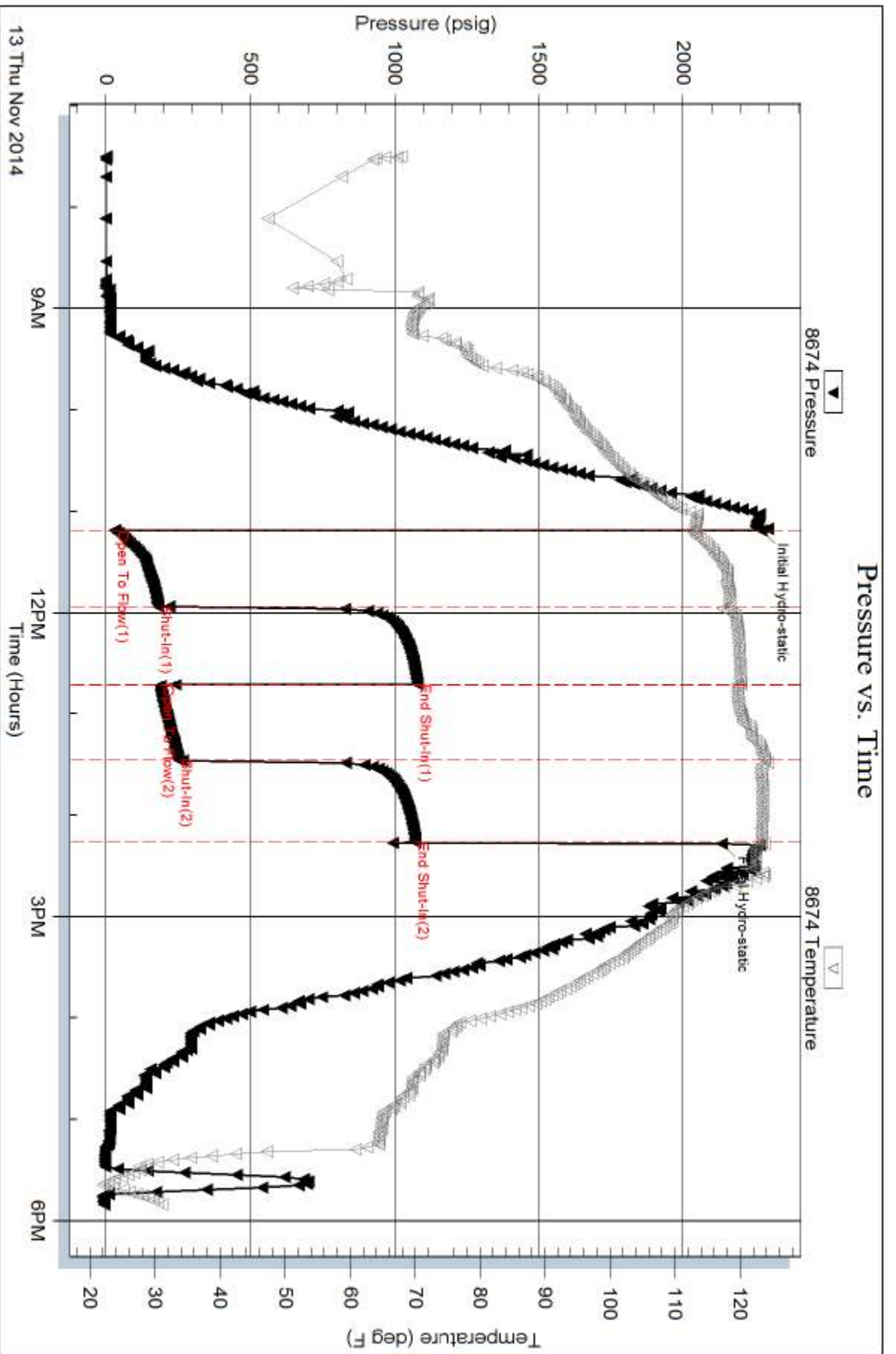
Length ft	Description	Volume bbl
124.00	WGOCM 2%w 20%g 20%oil 58%m	1.739
124.00	WGMCO 3%w 9%g 43%m 45%oil	1.739
252.00	WGMCO 3%w 18%g 30%m 49%oil	1.248
63.00	MGCO 10%m 14%g 76%oil	0.310
48.00	MCGO 3%m 8%g 89%oil	0.236
0.00	204' of GIP	0.000

Total Length: 611.00 ft Total Volume: 5.272 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: API is 36 @ 40f = 38

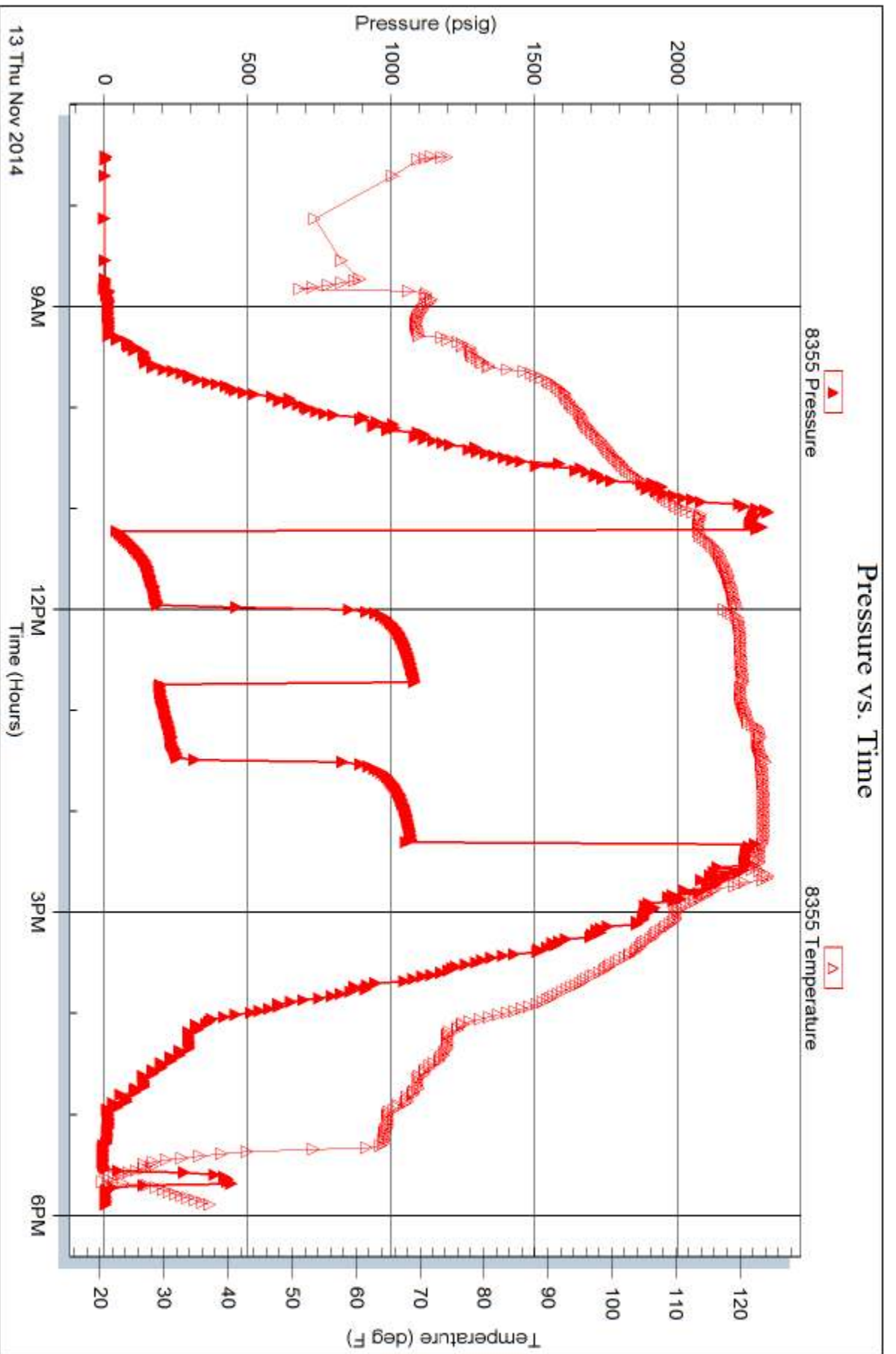


Serial #: 8355

Outside American Warrior Inc.

Whipple E#1-9

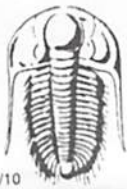
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 58708

Printed: 2014.11.14 @ 16:02:56



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58602

Well Name & No. Whipple I #1-9 Test No. 1 Date 11/11/14
 Company American WARDION FNC Elevation 2643 KB 2031 GL
 Address 318 Cummings Rd. PO Box 399 Garden City, KS 67846
 Co. Rep / Geo. Luke Thompson Rig _____
 Location: Sec. 9 Twp. 18S Rge. 26W Co. Nass State Ks

Interval Tested 4324-4434 Zone Tested Wardion
 Anchor Length 110 Drill Pipe Run 4077 Mud Wt. 9.4
 Top Packer Depth 4319 Drill Collars Run 248.5 Vis 49
 Bottom Packer Depth 4324 Wt. Pipe Run 0 WL 7.2
 Total Depth 4434 Chlorides 3200 ppm System LCM 2
 Blow Description IP: 1/4" blow / Died @ 20min
IS: No return
FF: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>MUP</u>			<u>100</u>	

Rec Total 2 BHT 115 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2185</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1800</u>
(B) First Initial Flow <u>32</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2044</u>
(C) First Final Flow <u>38</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0:17</u>
(D) Initial Shut-In <u>62</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/A</u>	T-Pulled <u>01:24</u>
(E) Second Initial Flow <u>41</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0330</u>
(F) Second Final Flow <u>N/A</u>	<input checked="" type="checkbox"/> Mileage <u>800 1/2</u> <u>136.40</u>	Comments _____
(G) Final Shut-In <u>N/A</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2032</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In _____	<input type="checkbox"/> Day Standby	Total <u>1711.40</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1711.40</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. 58708

4/10

Well Name & No. Whipple E #1-9 Test No. DST #2 Date 11-13-14
 Company American Warrior Inc. Elevation 2643 KB 2631 GL
 Address P.O. Box 399 Cozaden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke #5
 Location: Sec. 9 Twp. 18s Rge. 26w Co. Ness State KS

Interval Tested 4549-4611 Zone Tested Mississippi
 Anchor Length 62 Drill Pipe Run 4302 Mud Wt. 9.4
 Top Packer Depth 4545 Drill Collars Run 249 Vis 57
 Bottom Packer Depth 4549 Wt. Pipe Run 0 WL 7.2
 Total Depth 4611 Chlorides 3300 ppm System LCM 115

Blow Description IF Weak Surface Blow Built to BOB in 28min
ISF - Weak Surface Blow in 20min
FF - Weak Surface Blow Built to BOB in 19min
FST - Weak Surface Blow in 4 1/2 min Built to 1"

Rec	Feet of	MCCO	%gas	%oil	%water	%mud
48	WCCO	MCCO	8	89	2	3
63	MO-CO		14	76		10
252	WG-MCO		18	49	3	30
124	WG-MCO		9	45	3	43
124	WG-OCM		20	20	2	58
Rec Total	611	BHT 122	Gravity	API RW	@	F Chlorides

(A) Initial Hydrostatic 2272 Test 1250 T-On Location _____
 (B) First Initial Flow 30 Jars 250 T-Started 7:30
 (C) First Final Flow 181 Safety Joint 75 T-Open 11:11
 (D) Initial Shut-In 1078 Circ Sub NIC T-Pulled 14:16
 (E) Second Initial Flow 189 Hourly Standby _____ T-Out 17:50
 (F) Second Final Flow 251 Mileage 88 R/T 136.40 Comments _____
 (G) Final Shut-In 1071 Sampler _____
 (H) Final Hydrostatic 2135 Straddle _____

Initial Open 45 Shale Packer _____
 Initial Shut-In 45 Extra Packer _____
 Final Flow 45 Extra Recorder _____
 Final Shut-In 45 Day Standby _____
 Sub Total 1711.40 Accessibility _____
 Sub Total 1711.40 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1711.40
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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Geological Report

American Warrior, Inc.

Whipple E #1-9

1018' FSL & 1899' FWL

Sec 9, T18s, R26w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Whipple E #1-9
1018' FSL & 1899' FWL
Sec. 9, T18s, R26w
Ness County, Kansas
API # 15-135-25826-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Luke Thompson

Spud Date: November 5, 2014

Completion Date: November 23, 2014

Elevation 2632' G.L.
2643' K.B.

Directions: From Ness City, KS go west on Highway 96 15 miles to Beeler, KS. West side of Beeler, turn North on Road C. Go 3.2 miles to gate with white panels and cattle guard. West into pasture.

Casing: 230' #28 Surface Casing

Samples: 3900' to RTD 10' Wet & Dry

Drilling Time: 3850' to RTD

Electric Logs: Pioneer Energy Services "D. Fischer"
Stacked Micro

Drillstem Tests: Two-Trilobite Testing "James Geier"

Problems: Fire on rig, burned up draw works (11/13/14), replaced draw works.
Loggers encountered bridge at 1560', reconditioned hole.

Formation Tops
Whipple E #1-9
Sec. 9, T18s, R26w
1018' FSL & 1899' FWL

Anhydrite	2008' +635
Base	2038' +605
Heebner	3941' -1298
Lansing	3981' -1338
Stark	4235' -1592
Bkc	4310' -1667
Marmaton	4319' -1676
Pawnee	4440' -1797
Fort Scott	4497' -1854
Cherokee	4521' -1878
Miss	4594' -1951
RTD	4760' -2117
LTD	4762' -2119

Sample Zone Descriptions

Marmaton (4434', -1791): Covered in DST #1

Limestone, cream, fine crystalline, occasionally fossiliferous, occasionally dolomitic fine crystalline, very slight show free oil, green fluorescence, slow stringy cut, poor inter-crystalline porosity, gas 19 units hotwire.

Mississippian (4611', -1968): Covered in DST #2

Dolomite, brown, sucrosic, fine crystalline, good inter-crystalline porosity, very strong/pungent odor, fair/good stain, fair saturation, bright green fluorescence, good cut, fair/good show of free oil, gas 139 units hotwire.

Drill Stem Tests
 Trilobite Testing
 "James Geier"

DST #1

Marmaton

Interval (4324' - 4434') Anchor Length 110'

IHP	- 2186 #	
IFP	- 30" – WSB 1/4"	32-39 #
ISI	- 30" – No Return	39-63 #
FFP	- 10" – No Blow	41-42 #
FSIP	- Pull Tool	
FHP	- 2033 #	
BHT	- 115° F	

Recovery: 2' Mud

DST #2

Mississippian

Interval (4549' - 4611') Anchor Length 62'

IHP	- 2273 #	
IFP	- 45" – BOB in 28 min	30-181 #
ISI	- 45" – WSB in 20 min	181-1079 #
FFP	- 45" – BOB in 19 min	189-251 #
FSIP	- 45" – 1" in 4 ¼ min	251-1072#
FHP	- 2135 #	
BHT	- 124° F	

<u>Recovery:</u>	204'	GIP		
	124'	WGOCM	20% O	API: 38
	124'	WGMCO	45% O	
	252'	WGMCO	49% O	
	63'	MGCO	76% O	
	48'	MCGO	89% O	

Structural Comparison

	American Warrior, Inc. Whipple E #1-9 Sec. 9, T18s, R26w 1018' FSL & 1899' FWL		American Warrior, Inc. Whipple D # 1-8 Sec. 8, T18s, R26w 1249' FSL & 371' FEL		Arrowstone Petroleum Co. Whipple #1-9 Sec. 9, T18s, R26w 1650' FSL & 330' FEL
Formation					
Heebner	3941' -1298	-8	3882' -1290	+6	3937' -1304
Lansing	3981' -1338	-8	3922' -1330	+6	3977' -1344
Stark	4235' -1592	-8	4176' -1584	+6	4231' -1598
BKC	4310' -1667	-11	4248' - 1656	+5	4305' -1672
Marmaton	4319' -1676	-11	4257' -1665	+4	4313' -1680
Pawnee	4440' -1797	-4	4385' -1793	+6	4436' -1803
Fort Scott	4497' -1854	-7	4439' -1847	+9	4496' -1863
Cherokee	4521' -1878	-8	4462' -1870	+8	4519' -1886
Miss	4594' -1951	-8	4535' -1943	+4	4588' -1955

Summary

The location for the Whipple E #1-9 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 Mississippian Warsaw Dolomite. After all the gathered data had been examined, the decision was made to run 5 ½" casing to further evaluate the Whipple E #1-9 well.

Perforations

Primary: Miss. Warsaw (4600' - 4608')

Secondary: Marmaton (4382' – 4385') & (4357' - 4360')

Respectfully Submitted,

Luke Thompson
American Warrior, Inc.