



1233077

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Whipple D 1-8
Doc ID	1233077

Tops

Name	Top	Datum
Amhy	1953'	+639
B/Anhy	1985'	+607
Heebner	3882'	-1290
Lansing	3922'	-1330
B/KC	4248'	-1656
Marmaton	4257'	-1665
Ft.Scott	4439'	-1847
Mississippian	4535'	-1943

ALLIED OIL & GAS SERVICES, LLC 063941

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
great Bend

10-25-14 DATE	SEC 4	TWP. 18	RANGE 26	CALLED OUT	ON LOCATION 11:00 am	JOB START 11:30 am	JOB FINISH 12:00 pm
2 1/2" pipe 'D' LEASE		WELL # 1-8		LOCATION <u>Becker cnd 3 3/4 N</u>		COUNTY Tenn	STATE Ka
OLD OR <input checked="" type="radio"/> NEW (Circle one)				w/ chtr			

CONTRACTOR Duke S OWNER name

TYPE OF JOB surface

HOLE SIZE 12 1/4 T.D. 235

CASING SIZE 8 3/4 DEPTH 230

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT H2O 13.69 BBL

CEMENT
AMOUNT ORDERED 150 sq class A 31cc
21 gal

EQUIPMENT

PUMP TRUCK CEMENTER Charles King
366 HELPER Ben newell

BULK TRUCK
81871-112 DRIVER Kevin weigand

BULK TRUCK
_____ DRIVER _____

COMMON	150	@ 17.90	2,685.00
POZMIX		@	
GEL	282	@ .50	141.00
CHLORIDE	423	@ 1.10	465.30
ASC		@	
<u>Materials Total</u>			<u>3,291.30</u>
<u>Disc 20%</u>			<u>658.26</u>
<u>Service</u>			
<u>Handling 162.50</u>			<u>@ 2.48 402.26</u>
<u>Mileage 7.40 x 25 x</u>			<u>2.75 508.75</u>

REMARKS:

Rig Ran 230' 8 3/4 csg Becker cnd
to 1 Rig Mud pump 5 BBL H2O Min
150 sq class A 31cc 21 gal
displace 13.69 BBL H2O shut ds
cement disc calculate

DEPTH OF JOB	<u>230'</u>		
PUMP TRUCK CHARGE		<u>1512.30</u>	
EXTRA FOOTAGE		@	
MILEAGE	<u>Hum 25</u>	@ 7.70	<u>192.50</u>
MANIFOLD		@	
	<u>Low 25</u>	@ 4.40	<u>110.00</u>

CHARGE TO: American warrior

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 2,725.76
Disc 20% 545.15

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

thank you!

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.

TOTAL Disc 0%

PRINTED NAME: X KENNETH M'GUIRE

SIGNATURE: X Kenneth M'Guire

SALES TAX (If Any) _____

TOTAL CHARGES 6,017.06

DISCOUNT 1,203.91 (20/20/0) IF PAID IN 30 DAYS

4,813.65

ALLIED OIL & GAS SERVICES, LLC 063945

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Great Bend

11-3-19 DATE	SEC 8	TWP 18	RANGE 26	CALLED OUT	ON LOCATION 2:00 pm	JOB START 4:00 pm	JOB FINISH 5:00 pm
Whipple 'D' LEASE	WELL # 1-8		LOCATION <u>Beeler cnd 3 3/4 N wch</u>	COUNTY <u>Wich</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Dale S OWNER same

TYPE OF JOB <u>PTA</u>	CEMENT
HOLE SIZE <u>7 7/8</u> T.D.	AMOUNT ORDERED <u>300 at 60/40 41.</u>
CASING SIZE DEPTH	<u>5cl 1/2 flt</u>
TUBING SIZE DEPTH	
DRILL PIPE <u>4 1/2</u> DEPTH <u>2010</u>	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON _____ @ _____
MEAS. LINE SHOE JOINT	POZMIX _____ @ _____
CEMENT LEFT IN CSG.	GEL _____ @ _____
PERFS.	CHLORIDE _____ @ _____
DISPLACEMENT <u>H2o</u>	ASC _____ @ _____

EQUIPMENT	
PUMP TRUCK CEMENTER <u>Charles King</u>	<u>300sx 60/40+4 @ 18.72 5,676.00</u>
#398 HELPER <u>Dan Casper</u>	<u>fl o well 75 @ 2.97 222.75</u>
BULK TRUCK	<u>Materials Total 5,898.75</u>
#544-198 DRIVER <u>Candelaria Montemayor (TWB)</u>	<u>Disc 20% 1,179.75</u>
BULK TRUCK	<u>Swire</u>
# DRIVER	HANDLING <u>322.20 @ 2.48 799.06</u>
	MILEAGE <u>13.45 x 25 x 2.75 924.63</u>

REMARKS:
1st plug @ 2010' 10.881 H2o mix 50xx displac 3.5 H2o + 21.89 mud 2nd plug @ 1190' 10.881 H2o mix 90 xx displac 3.5 H2o + 7.53 mud 3rd plug @ 600' 10.881 H2o mix 50xx displac 3.5 H2o + 1.79 mud 4th plug @ 270' 2.881 H2o mix 50xx displac .25 H2o 5th plug @ 60' mix 20xx plug put hole 30xx + mouse hole 20 xx

CHARGE TO: american warrior
STREET _____
CITY _____ STATE _____ ZIP _____

DEPTH OF JOB <u>2010</u>	
PUMP TRUCK CHARGE <u>2249.84</u>	
EXTRA FOOTAGE @	
MILEAGE <u>Hum 25 @ 7.70 192.50</u>	
MANIFOLD @	
<u>Hum 25 @ 4.40 110.00</u>	

TOTAL 4,276.07
Disc 20% 855.22

thank you!

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cement 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 McGUIRE
SIGNATURE Kenneth McGUIRE

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL Disc 0%

SALES TAX (If Any) _____

TOTAL CHARGES 10,174.84

DISCOUNT 20% 2,034.92 IF PAID IN 30 DAYS 50/30/0

8,139.87



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P.O Box 399
Garden City KS. 67846

ATTN: Luke Thompson

Whipple D #1-8

8-18s-26w Ness,KS

Start Date: 2014.10.31 @ 04:04:00

End Date: 2014.10.31 @ 10:01:24

Job Ticket #: 58703 DST #: 1

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

Printed: 2014.11.05 @ 15:30:41



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 P.O Box 399
 Garden City KS. 67846
 ATTN: Luke Thompson

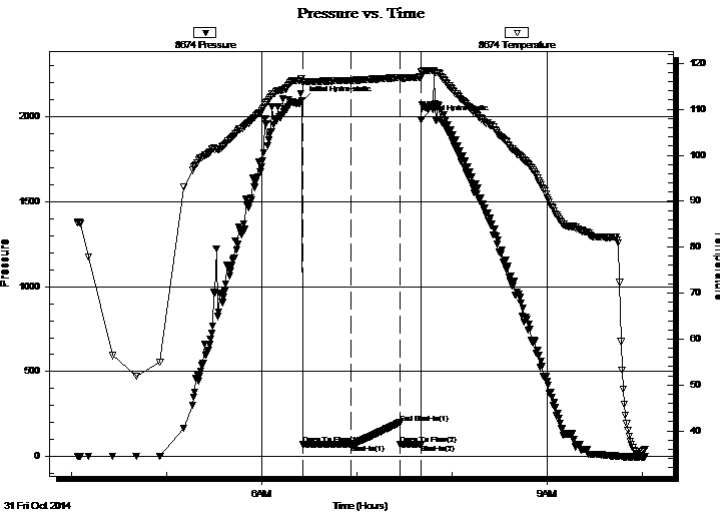
8-18s-26w Ness,KS
Whipple D #1-8
 Job Ticket: 58703 **DST#: 1**
 Test Start: 2014.10.31 @ 04:04:00

GENERAL INFORMATION:

Formation: **Marmanton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:25:55
 Time Test Ended: 10:01:24
 Interval: **4276.00 ft (KB) To 4340.00 ft (KB) (TVD)**
 Total Depth: 4340.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Will MacLean
 Unit No: 71
 Reference Elevations: 2592.00 ft (KB)
 2581.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8674 Inside
 Press@RunDepth: 72.35 psig @ 4277.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.31 End Date: 2014.10.31 Last Calib.: 2014.10.31
 Start Time: 04:04:00 End Time: 10:01:24 Time On Btm: 2014.10.31 @ 06:25:40
 Time Off Btm: 2014.10.31 @ 07:40:40

TEST COMMENT: IF- Weak Surface Blow 1/2"
 IS- No Blow
 FF- No Blow
 FS- Pulled it



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.16	116.69	Initial Hydro-static
1	70.13	115.79	Open To Flow (1)
31	72.35	116.29	Shut-In(1)
62	198.32	116.89	End Shut-In(1)
62	72.45	116.82	Open To Flow (2)
75	73.67	117.00	Shut-In(2)
75	1983.39	118.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4.00	100%m	0.02
60.00	WCM 2%w 98%m	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58703

DST#: 1

ATTN: Luke Thompson

Test Start: 2014.10.31 @ 04:04:00

Tool Information

Drill Pipe:	Length: 4018.00 ft	Diameter: 3.80 inches	Volume: 56.36 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	10000.00 lb
			<u>Total Volume: 57.58 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4276.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	64.00 ft				
Tool Length:	91.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4250.00	
Shut In Tool	5.00			4255.00	
Hydraulic tool	5.00			4260.00	
Jars	5.00			4265.00	
Safety Joint	2.00			4267.00	
Packer	5.00			4272.00	27.00 Bottom Of Top Packer
Packer	4.00			4276.00	
Stubb	1.00			4277.00	
Recorder	0.00	8355	Outside	4277.00	
Recorder	0.00	8674	Inside	4277.00	
Perforations	24.00			4301.00	
Change Over Sub	1.00			4302.00	
Drill Pipe	32.00			4334.00	
Change Over Sub	1.00			4335.00	
Bullnose	5.00			4340.00	64.00 Bottom Packers & Anchor

Total Tool Length: 91.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58703

DST#: 1

ATTN: Luke Thompson

Test Start: 2014.10.31 @ 04:04:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 45.00 sec/qt
Water Loss: 6.37 in³
Resistivity: ohm.m
Salinity: 4600.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4.00	100%m	0.020
60.00	WCM 2%w 98%m	0.295

Total Length: 64.00 ft Total Volume: 0.315 bbl

Num Fluid Samples: 0

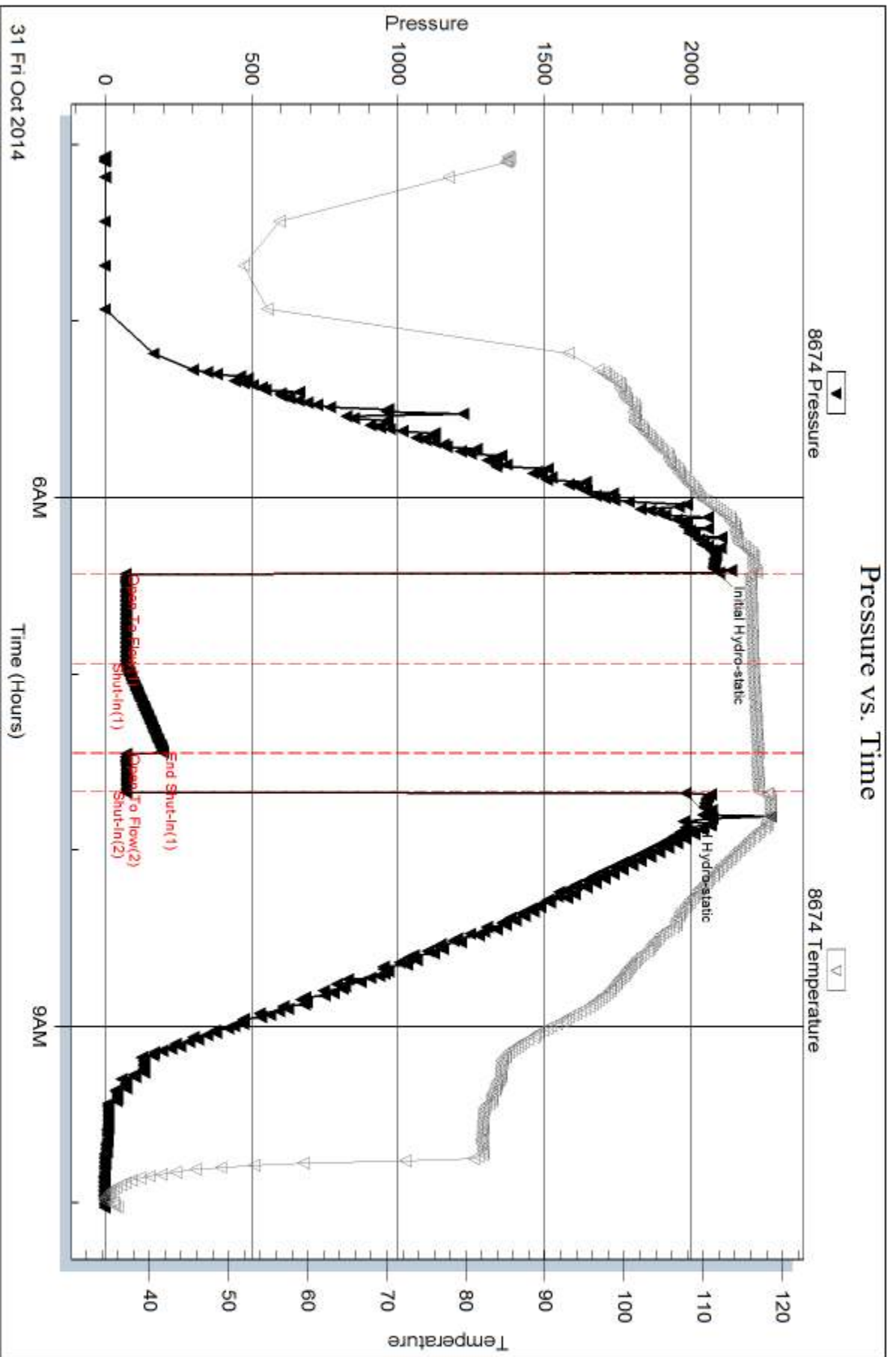
Num Gas Bombs: 0

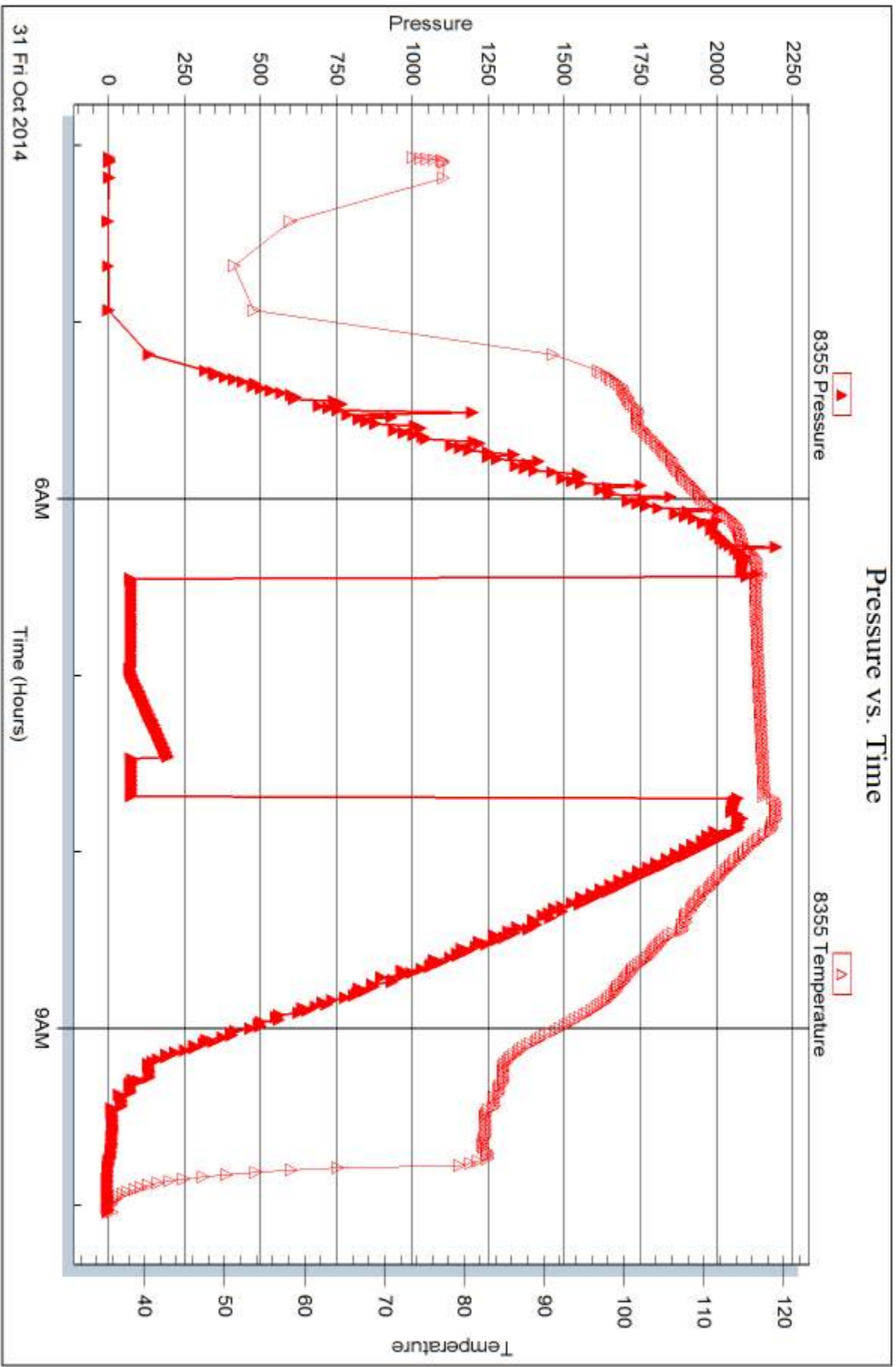
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P.O Box 399
Garden City KS. 67846

ATTN: Luke Thompson

Whipple D #1-8

8-18s-26w Ness,KS

Start Date: 2014.10.31 @ 18:32:00

End Date: 2014.11.01 @ 00:56:54

Job Ticket #: 58704 DST #: 2

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

Printed: 2014.11.05 @ 15:29:55



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
P.O Box 399
Garden City KS. 67846
ATTN: Luke Thompson

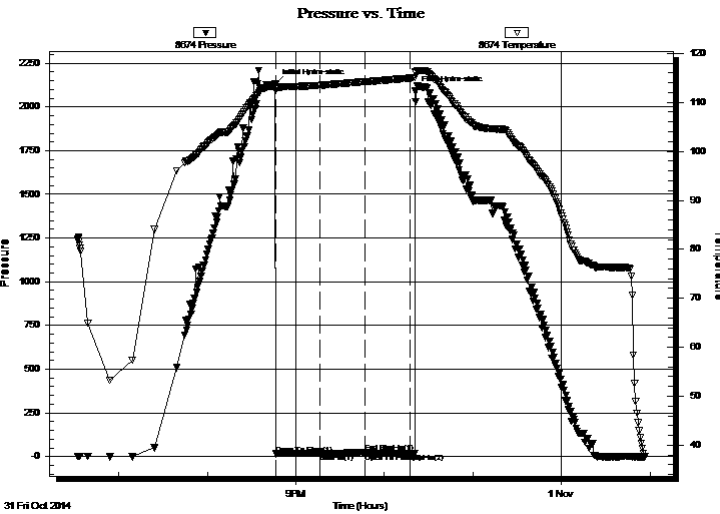
8-18s-26w Ness,KS
Whipple D #1-8
Job Ticket: 58704 **DST#: 2**
Test Start: 2014.10.31 @ 18:32:00

GENERAL INFORMATION:

Formation: **Marmanton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:46:25
Time Test Ended: 00:56:54
Interval: **4333.00 ft (KB) To 4357.00 ft (KB) (TVD)**
Total Depth: 4357.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Will MacLean
Unit No: 71
Reference Elevations: 2592.00 ft (KB)
2581.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8674 Inside
Press@RunDepth: 17.36 psig @ 4334.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.10.31 End Date: 2014.11.01 Last Calib.: 2014.11.01
Start Time: 18:32:00 End Time: 00:56:54 Time On Btm: 2014.10.31 @ 20:46:10
Time Off Btm: 2014.10.31 @ 22:20:55

TEST COMMENT: IF- Weak Surface 1/4"
IS- No Blow
FF- No Blow
FS- Pulled it



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.37	113.69	Initial Hydro-static
1	15.87	112.35	Open To Flow (1)
31	17.36	113.50	Shut-In(1)
61	23.90	114.24	End Shut-In(1)
61	17.60	114.24	Open To Flow (2)
92	17.72	114.97	Shut-In(2)
95	2093.19	116.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	100% mud	0.01

* 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

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58704

DST#: 2

ATTN: Luke Thompson

Test Start: 2014.10.31 @ 18:32:00

Tool Information

Drill Pipe:	Length: 4081.00 ft	Diameter: 3.80 inches	Volume: 57.25 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	14000.00 lb
			<u>Total Volume: 58.47 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4333.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	51.00 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			4307.00	
Shut In Tool	5.00			4312.00	
Hydraulic tool	5.00			4317.00	
Jars	5.00			4322.00	
Safety Joint	2.00			4324.00	
Packer	5.00			4329.00	27.00 Bottom Of Top Packer
Packer	4.00			4333.00	
Stubb	1.00			4334.00	
Recorder	0.00	8355	Outside	4334.00	
Recorder	0.00	8674	Inside	4334.00	
Perforations	18.00			4352.00	
Bullnose	5.00			4357.00	24.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58704

DST#: 2

ATTN: Luke Thompson

Test Start: 2014.10.31 @ 18:32:00

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	100%mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

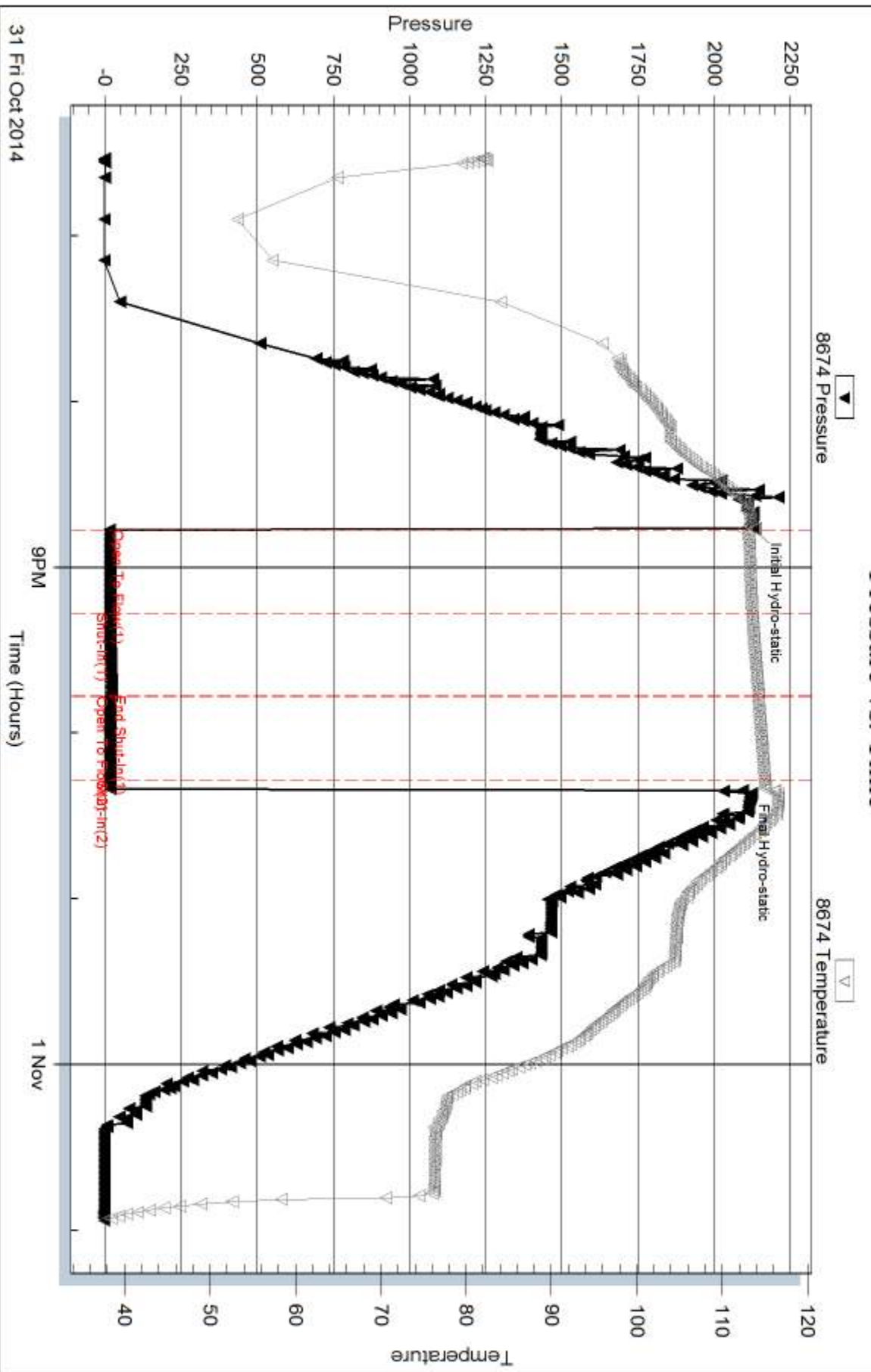
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

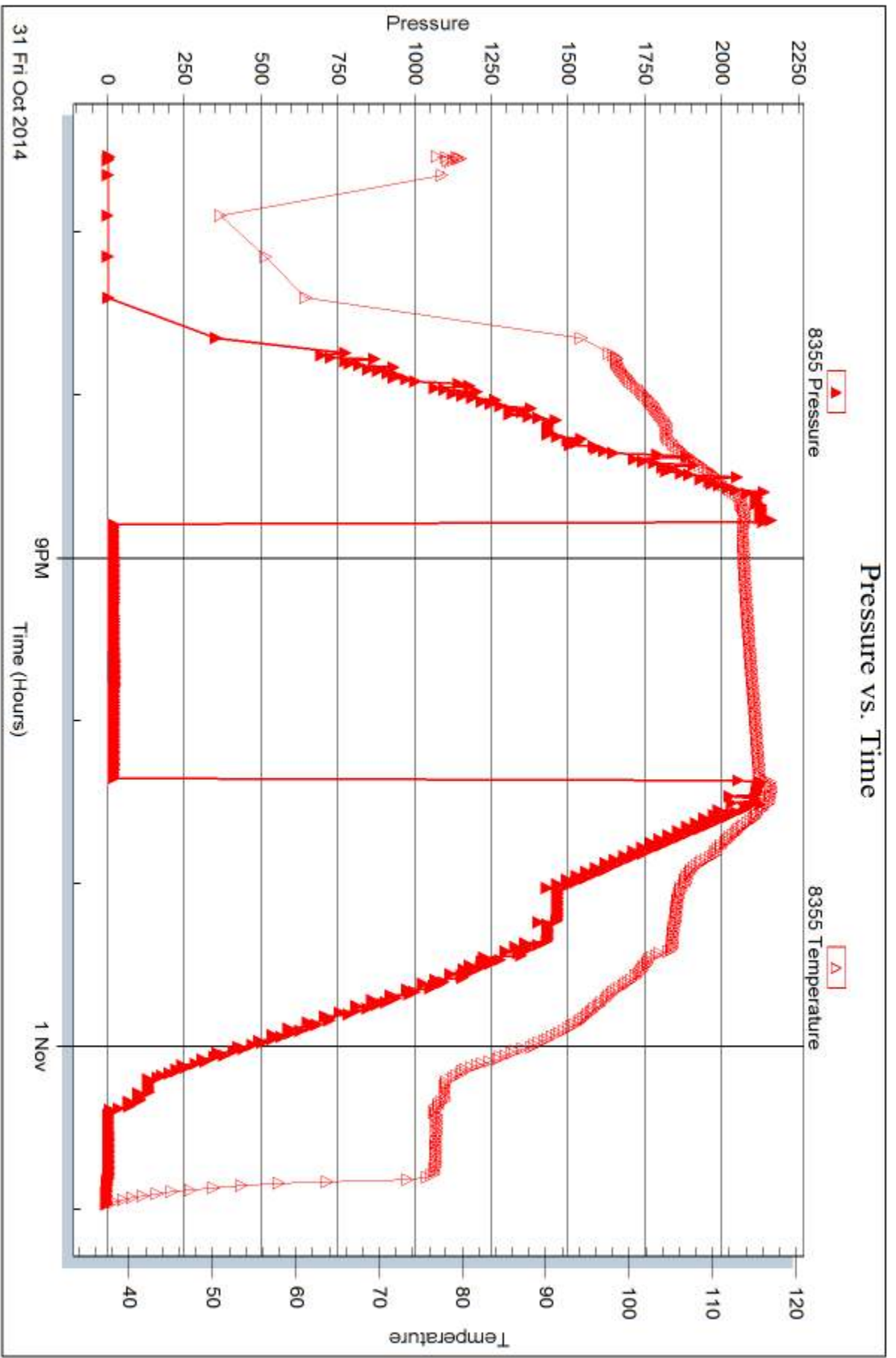


Serial #: 8355

Outside American Warrior Inc

Whipple D #1-8

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 58704

Printed: 2014, 11, 05 @ 15:29:56



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P.O Box 399
Garden City KS. 67846

ATTN: Luke Thompson

Whipple D #1-8

8-18s-26w Ness,KS

Start Date: 2014.11.02 @ 02:26:00

End Date: 2014.11.02 @ 11:31:40

Job Ticket #: 58705 DST #: 3

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

Printed: 2014.11.05 @ 15:29:24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
P.O Box 399
Garden City KS. 67846
ATTN: Luke Thompson

8-18s-26w Ness,KS

Whipple D #1-8

Job Ticket: 58705

DST#: 3

Test Start: 2014.11.02 @ 02:26:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:59:10

Time Test Ended: 11:31:40

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 71

Interval: 4486.00 ft (KB) To 4566.00 ft (KB) (TVD)

Reference Elevations: 2592.00 ft (KB)

Total Depth: 4566.00 ft (KB) (TVD)

2581.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674

Inside

Press@RunDepth: 663.32 psig @ 4487.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.02

End Date:

2014.11.02

Last Calib.:

2014.11.02

Start Time:

02:26:00

End Time:

11:31:40

Time On Btm:

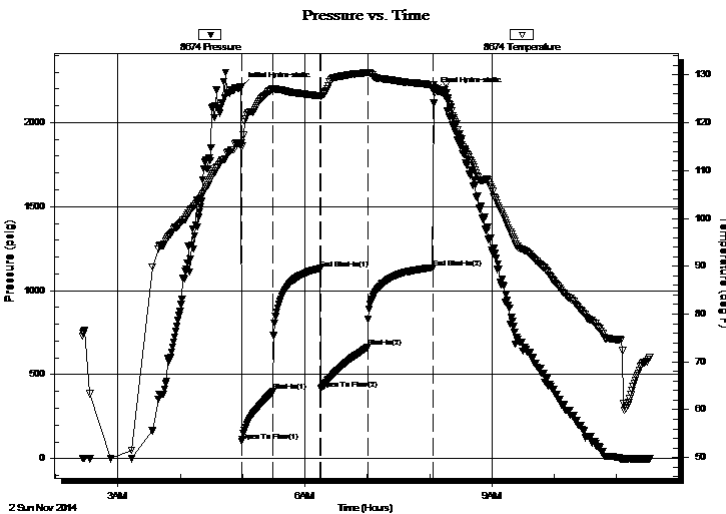
2014.11.02 @ 04:58:40

Time Off Btm:

2014.11.02 @ 08:03:54

TEST COMMENT: IF- Surface Blow Built to BOB in 3 3/4 min
IS- No Blow
FF- Surface Blow Built to BOB in 5 min
FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.11	115.76	Initial Hydro-static
1	102.81	114.88	Open To Flow (1)
31	399.18	127.09	Shut-In(1)
76	1131.73	125.61	End Shut-In(1)
77	416.18	125.49	Open To Flow (2)
122	663.32	130.49	Shut-In(2)
185	1136.94	127.93	End Shut-In(2)
186	2186.49	127.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
564.00	GMCW 2%g 14%m 84%w	5.64
315.00	GWCM 3%g 46%w 51%m w ith Oil Sp	4.42
189.00	GWCM 5%g 19%w 76%m w ith a Skim of	2.65
365.00	GWCM 3%g 8%w 89%m w ith Skim of	5.12

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58705

DST#: 3

ATTN: Luke Thompson

Test Start: 2014.11.02 @ 02:26:00

Tool Information

Drill Pipe:	Length: 4238.00 ft	Diameter: 3.80 inches	Volume: 59.45 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	28000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	8000.00 lb
			<u>Total Volume: 60.67 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	72000.00 lb
Depth to Top Packer:	4486.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	80.00 ft				
Tool Length:	107.00 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			4460.00	
Shut In Tool	5.00			4465.00	
Hydraulic tool	5.00			4470.00	
Jars	5.00			4475.00	
Safety Joint	2.00			4477.00	
Packer	5.00			4482.00	27.00 Bottom Of Top Packer
Packer	4.00			4486.00	
Stubb	1.00			4487.00	
Recorder	0.00	8355	Outside	4487.00	
Recorder	0.00	8674	Inside	4487.00	
Perforations	9.00			4496.00	
Change Over Sub	1.00			4497.00	
Drill Pipe	63.00			4560.00	
Change Over Sub	1.00			4561.00	
Bullnose	5.00			4566.00	80.00 Bottom Packers & Anchor

Total Tool Length: 107.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58705

DST#: 3

ATTN: Luke Thompson

Test Start: 2014.11.02 @ 02:26:00

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:

26800 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
564.00	GMCW 2%g 14%m 84%w	5.643
315.00	GWCM 3%g 46%w 51%m w ith Oil Spots	4.419
189.00	GWCM 5%g 19%w 76%m w ith a Skim of Oil	2.651
365.00	GWCM 3%g 8%w 89%m w ith Skim of Oil on	5.120

Total Length: 1433.00 ft Total Volume: 17.833 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .262 @ 67f = 26800

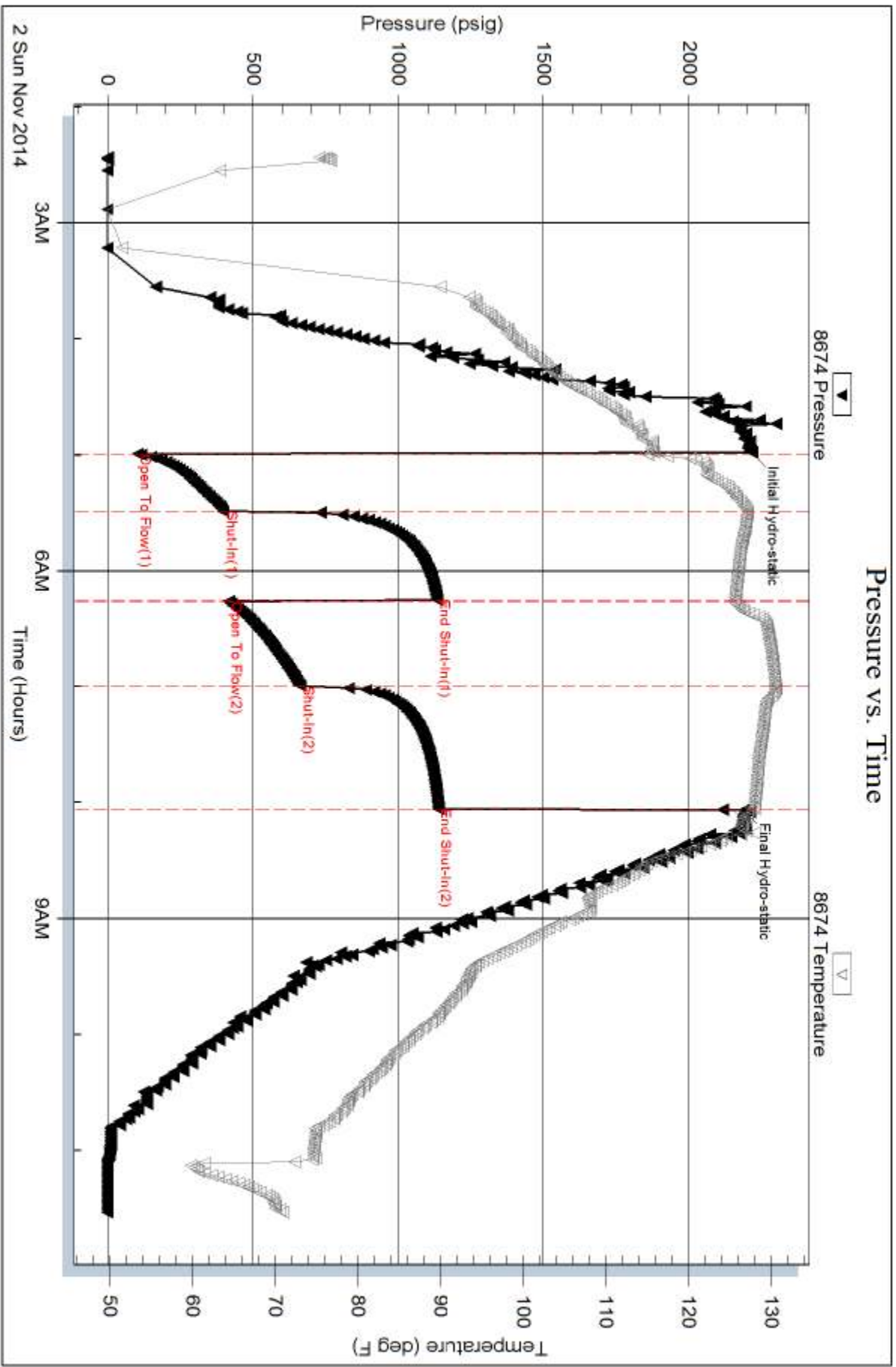
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Inside

American Warrior Inc

Whipple D #1-8

DST Test Number: 3

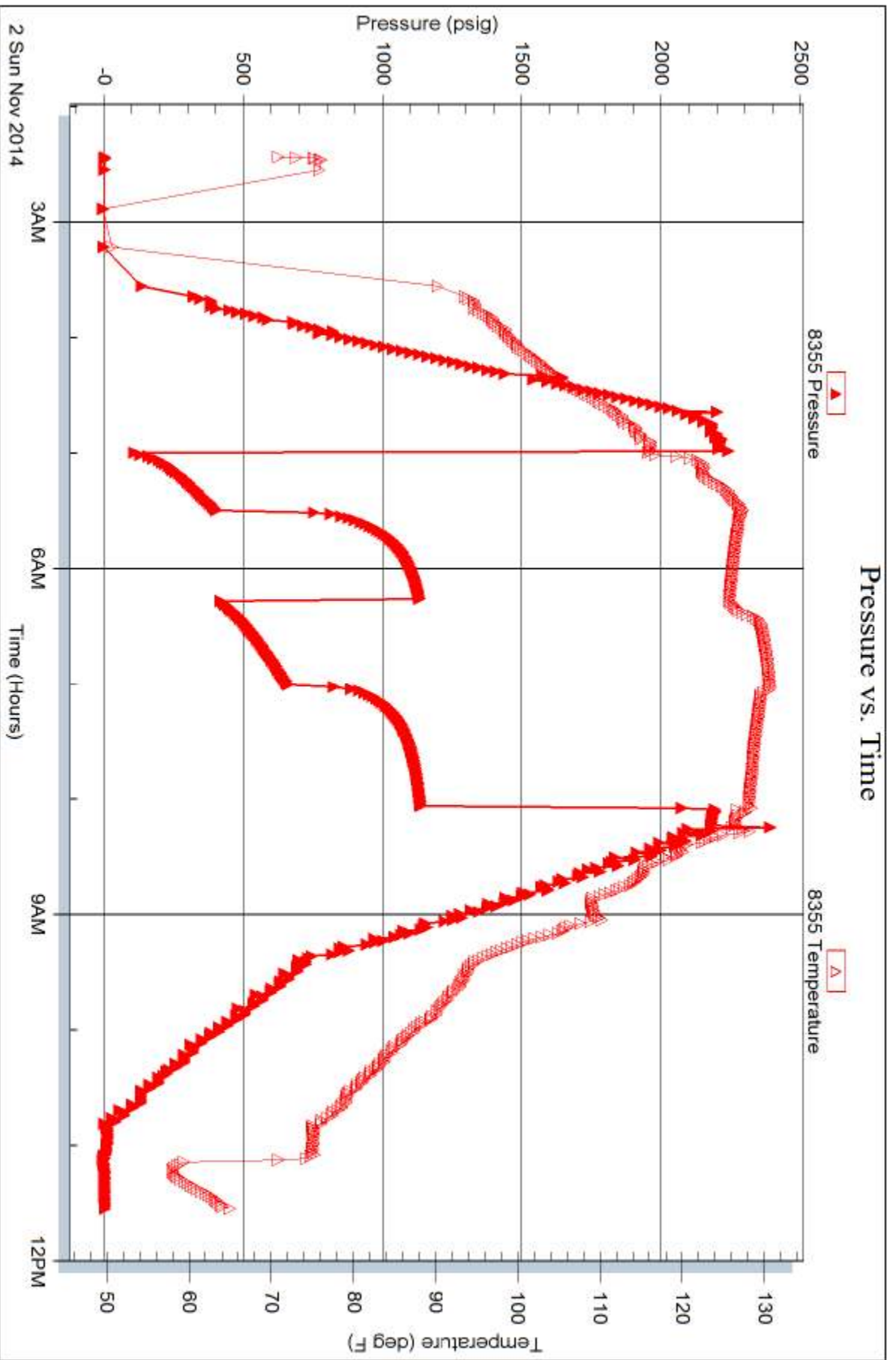


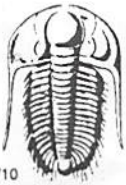
Serial #: 8355

Outside American Warrior Inc

Whipple D #1-8

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58703

4/10

Well Name & No. Whipple D #1-8 Test No. DST #1 Date 10-31-14
 Company American Warrior Inc Elevation 2592 KB 2581 GL
 Address P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke 5
 Location: Sec. 8 Twp. 18S Rge. 26W Co. Mass State KS

Interval Tested 4276-4340 Zone Tested Marmanton
 Anchor Length 64 Drill Pipe Run 4018 Mud Wt. 9.2
 Top Packer Depth 4272 Drill Collars Run 249 Vis 45
 Bottom Packer Depth 4276 Wt. Pipe Run 0 WL 6.4
 Total Depth 4340 Chlorides 4600 ppm System LCM 116

Blow Description IF - Weak Surface Blow 1/2"
ISI - No Blow
RF - No Blow
FSI - Pulled it

Rec	Feet of	%gas	%oil	%water	%mud
<u>4</u>	<u>Mud</u>			<u>100</u>	
<u>60</u>	<u>WCM</u>			<u>2</u>	<u>98</u>

Rec Total 64 BHT 117 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2095 Test 1250 T-On Location 3:22
 (B) First Initial Flow 70 Jars 250 T-Started 4:04
 (C) First Final Flow 72 Safety Joint 75 T-Open 6:25
 (D) Initial Shut-In 198 Circ Sub NIC T-Pulled 7:40
 (E) Second Initial Flow 72 Hourly Standby _____ T-Out 10:01
 (F) Second Final Flow 73 Mileage 88 RIT 136.40
 (G) Final Shut-In Pull Sampler _____
 (H) Final Hydrostatic 1983 Straddle _____

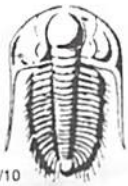
Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 10
 Final Shut-In Pull

Sub Total 1711.40
 Total 1711.40
 MP/DST Disc't _____

Approved By _____ Our Representative W. J. ...

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. 58704

Well Name & No. Whipple D # 1-8 Test No. DST # 2 Date 10-31-14
 Company American Warrior Inc Elevation 2592 KB 2581 GL
 Address P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig ~~1234~~ Duke 5
 Location: Sec. 8 Twp. 185 Rge. 26W Co. Ness State KS

Interval Tested 4333-4357 Zone Tested Marmanton
 Anchor Length 24 Drill Pipe Run 4081 Mud Wt. 9.1
 Top Packer Depth 4329 Drill Collars Run 249 Vis 51
 Bottom Packer Depth 4333 Wt. Pipe Run 0 WL 6.8
 Total Depth 4357 Chlorides 4000 ppm System LCM 115

Blow Description IF - Weak Surface Blow 1/4"
ISI - No Blow
FF - No Blow
FST - Pull

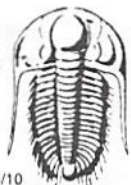
Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Mud</u>			<u>100</u>	

Rec Total 2 BHT 116 Gravity 1250 API RW 250 @ 75 °F Chlorides 4000 ppm
 (A) Initial Hydrostatic 2132 Test
 (B) First Initial Flow 15 Jars
 (C) First Final Flow 17 Safety Joint
 (D) Initial Shut-In 23 Circ Sub NIC
 (E) Second Initial Flow 17 Hourly Standby
 (F) Second Final Flow 17 Mileage 88 RIT 136.40
 (G) Final Shut-In Pulled it Sampler
 (H) Final Hydrostatic 2093 Straddle

T-On Location 17:14
 T-Started 18:32
 T-Open 20:46
 T-Pulled 22:20
 T-Out 00:56
 Comments _____
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1711.40
 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In Pull

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58705

Well Name & No. Whipple D #1-8 Test No. DST #3 Date 11-2-19
 Company American Warrior Inc Elevation 2592 KB 2581 GL
 Address P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke 5
 Location: Sec. 8 Twp. 18S Rge. 26W Co. Ness State KS

Interval Tested 4486 - 4566 Zone Tested Mississippi
 Anchor Length 80 Drill Pipe Run 4238 Mud Wt. 9.2
 Top Packer Depth 4482 Drill Collars Run 249 Vis 50
 Bottom Packer Depth 4486 Wt. Pipe Run 0 WL 7.2
 Total Depth 4566 Chlorides 3500 ppm System LCM 116
 Blow Description IF - Surface Blow Built to BOB in 3 3/4 min
ISI - No Blow
FF - Surface Blow Built to BOB in 5 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>365</u>	<u>Feet of G-WCM skm at Oil on Top</u>	<u>3</u>	<u>8</u>	<u>89</u>	
<u>189</u>	<u>Feet of G-WCM skm at Oil on Top</u>	<u>5</u>	<u>19</u>	<u>96</u>	
<u>315</u>	<u>Feet of G-WCM with Oil Spots</u>	<u>3</u>	<u>46</u>	<u>51</u>	
<u>564</u>	<u>Feet of G-MCW</u>	<u>2</u>	<u>84</u>	<u>14</u>	

Rec Total 1433 BHT 127 Gravity API RW 262 @ 67 °F Chlorides 26800 ppm
 (A) Initial Hydrostatic 2216 Test 1250 T-On Location 1:18
 (B) First Initial Flow 102 Jars 250 T-Started 2:26
 (C) First Final Flow 399 Safety Joint 75 T-Open 4:59
 (D) Initial Shut-In 11:31 Circ Sub MLC T-Pulled 8:03
 (E) Second Initial Flow 416 Hourly Standby _____ T-Out 11:31 / 10:31
 (F) Second Final Flow 663 Mileage 88 RIT 136.40 Comments Daylight Savings
 (G) Final Shut-In 11:36 Sampler _____
 (H) Final Hydrostatic 2186 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 8.33
 Initial Shut-In 45 Day Standby 1d .25h Total 1719.73
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1711.40

Approved By _____ Our Representative [Signature]
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Geological Report

American Warrior, Inc.

Whipple D #1-8

1249' FSL & 371' FEL

Sec 8, T18s, R26w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Whipple D #1-8
1249' FSL & 371' FEL
Sec. 8, T18s, R26w
Ness County, Kansas
API # 15-135-25823-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Luke Thompson

Spud Date: October 25, 2014

Completion Date: November 3, 2014

Elevation 2581' G.L.
2592' 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. Follow Lease road in approx. 0.5 miles.

Casing: 230' #28 Surface Casing

Samples: 3800' to RTD 10' Wet & Dry

Drilling Time: 3750' to RTD

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

Drillstem Tests: Three-Trilobite Testing "Will MacLean"

Problems: None encountered

Formation Tops

Whipple D #1-8

Sec. 8, T18s, R26w

1249' FSL & 371' FEL

Anhydrite	1953' +639
Base	1985' +607
Heebner	3882' -1290
Lansing	3922' -1330
Stark	4176' -1584
Bkc	4248' -1656
Marmaton	4257' -1665
Pawnee	4385' -1793
Fort Scott	4439' -1847
Cherokee	4462' -1870
Morrow	N/A
Miss	4535' -1943
RTD	4700' -2108
LTD	4702' -2110

Sample Zone Descriptions

Marmaton (4340', -1748): Covered in DST #1
Limestone, white/tan, fine crystalline, poor/fair inter-crystalline porosity, poor saturation, poor stain, very slight odor, poor/fair show of free oil. 50 unit gas kick.

Marmaton (4357', -1765): Covered in DST #2
Limestone, tan, fine crystalline, poor inter-crystalline porosity, poor saturation/stain, slight odor, poor/fair show free oil, 20 unit gas kick.

Mississippian (4566', -1955): Covered in DST #3
Dolomite, brown, fine crystalline, sucrosic, fair inter-crystalline porosity, very strong odor, poor saturation, poor show of free oil, Gas Kick 310 units.

Drill Stem Tests

Trilobite Testing

“Will MacLean”

DST #1

Marmaton

Interval (4276' - 4340') Anchor Length 64'

IHP - 2095 #

IFP - 30" – WSB 1/2" 70-72 #

ISI - 30" – No Return 72-198 #

FFP - 10" – No Blow 73-74 #

FSIP - Pull Tool

FHP - 1983 #

BHT - 118° F

Recovery: 64' WCM

DST #2

Marmaton

Interval (4333'-4357') Anchor Length 24'

IHP - 2132 #

IFP - 30" – WSB ¼" 16-17 #

ISI - 30" – No return 114 #

FFP - 10" – No blow 18 #

FSIP - Pull Tool NA

FHP - 2093 #

BHT - 116° F

Recovery: 2' Mud

DST #3

Mississippian

Interval (4486'-4566') Anchor Length 80'

IHP - 2216 #

IFP - 30" – BOB in 3 3/4 min 103-399 #

ISI - 45" – No Return 399-1132 #

FFP - 45" – BOB in 5 min 416-663 #

FSIP - 60" – No Return 663-1137#

FHP - 2187 #

BHT - 127° F

Recovery: 564' GMCW

315' GWCM w/ Oil spots

554' GWCM w/ skim of Oil

Structural Comparison

	American Warrior, Inc. Whipple D #1-8 Sec. 8, T18s, R26w 1249' FSL & 371' FEL	American Warrior, Inc. Whipple C- #4 Sec. 8, T18s, R26w 1454' FNL & 1417' FEL	Arrowstone Petroleum Co. Whipple #1-9 Sec. 9, T18s, R26w 1650' FSL & 330' FEL
Formation			
Heebner	3882' -1290	-8 3803' -1282	+14 3937' -1304
Lansing	3922' -1330	-7 3844' -1323	+14 3977' -1344
Stark	4176' -1584	-9 4096' -1575	+14 4231' -1598
BKC	4248' -1656	-10 4167' - 1646	+16 4305' -1672
Marmaton	4257' -1665	-11 4175' -1654	+15 4313' -1680
Pawnee	4385' -1793	-13 4301' -1780	+10 4436' -1803
Fort Scott	4439' -1847	-11 4357' -1836	+16 4496' -1863
Cherokee	4462' -1870	-11 4380' -1859	+16 4519' -1886
Miss	4535' -1943	0 4464' -1943	+12 4588' -1955

Summary

The location for the Whipple D #1-8 well was found via 3-D seismic survey. The new well ran structurally as expected. Three drill stem tests were conducted, none of which recovered commercial quantities of oil. After all the gathered data had been examined, the decision was made to plug and abandon the Whipple D #1-8 well.

Respectfully Submitted,

Luke Thompson
American Warrior, Inc.