

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1241921
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: _____

1241921

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

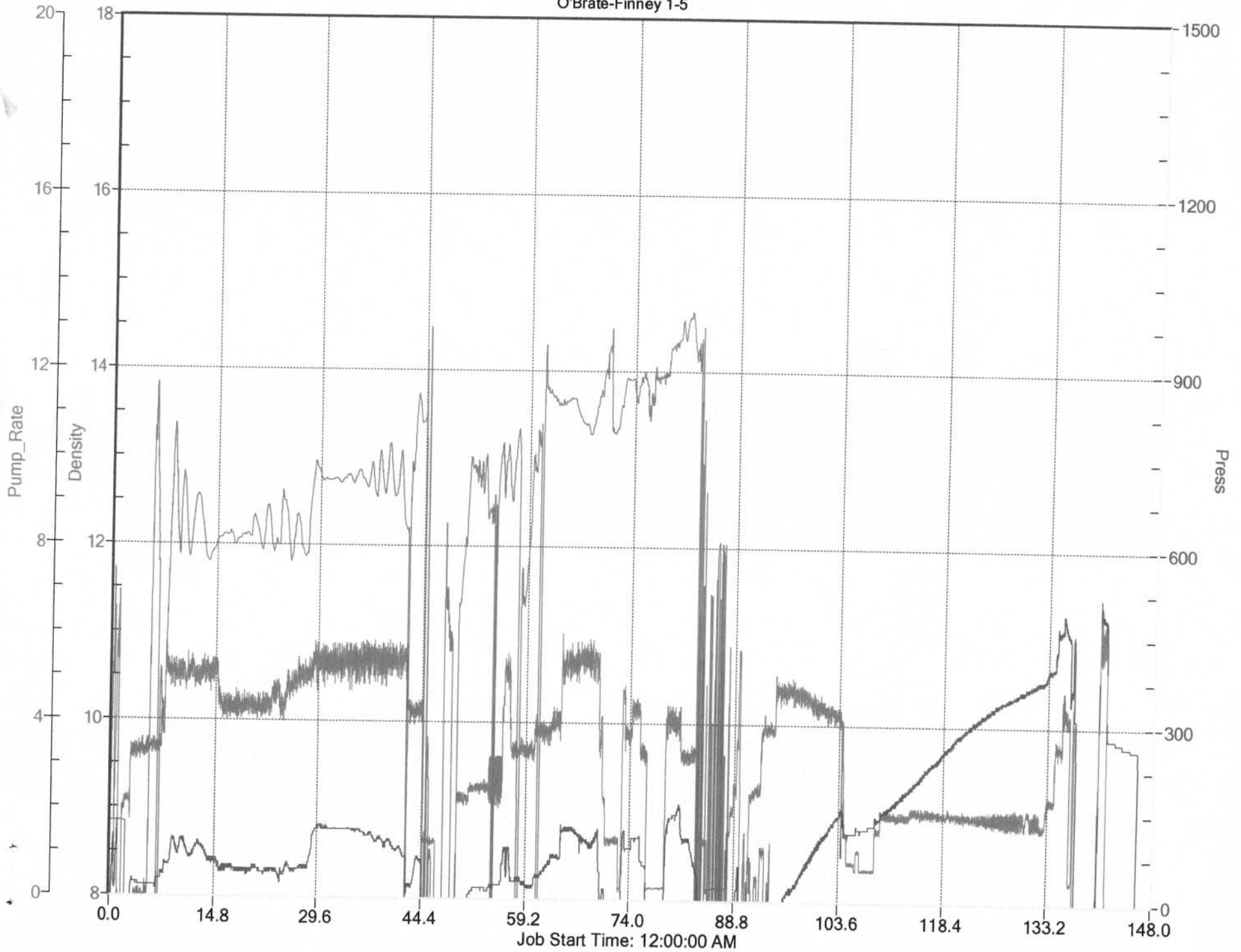
TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

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. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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American Warrior
O'Brate-Finney 1-5





CHARGE TO: *American Warrior*

ADDRESS:

CITY, STATE, ZIP CODE:

TICKET 28153

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Ness City KS</i>	WELL/PROJECT NO. <i>4-5</i>	LEASE <i>OBrate-Finney</i>	COUNTY/PARISH <i>Finney</i>	STATE <i>KS</i>	CITY <i>Garden City</i>	DATE <i>19 Jan 15</i>	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>DUKE</i>	RIG NAME/NO. <i>10</i>	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
3.	WELL TYPE <i>oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>cement long string</i>	WELL PERMIT NO.	WELL LOCATION <i>5-23-32</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	90	mi			6.00	540.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Centralizer	5 1/2	in	9	ea	70.00	630.00
403		1			Cement Basket	5 1/2	in	1	ea	300.00	300.00
406		1			Latch down plug & baffle	5 1/2	in	1	ea	275.00	275.00
407		1			Insert float shoe w/ AUTO FILL	5 1/2	in	1	ea	375.00	375.00

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 _____ TIME SIGNED _____ A.M. P.M.
2015

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 1	3620.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				2	6056.13
WE UNDERSTOOD AND MET YOUR NEEDS?				subtotal	9676.13
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Finney TAX 7.3%	471.69
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	10,147.82
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 _____ APPROVAL _____

Thank You!



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

TICKET CONTINUATION

TICKET No. 28153

CUSTOMER American Warrior
WELL O Brite Finney 4-5
DATE 19 Jan 15
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		
325		1				STANDARD cement (Fo-εA-2)	175	sk			14.50	2537.50
284		1				calseal	800	lb	8	sk	35.00	280.00
283		1				salt	900	lb			0.20	180.00
292		1				halad-322	125	lb			8.00	1000.00
276		1				Flucele	50	lb			2.50	125.00
281		1				mud flush	500	gal			1.25	625.00
221		1				KCL liquid	2	gal			25.00	50.00
290		1				D-air	2	gal			42.00	84.00
581		1				SERVICE CHARGE	175	CUBIC FEET			2.00	350.00
583		1				MILEAGE CHARGE	18325	TOTAL WEIGHT	90	LOADED MILES	824.63	824.63

CONTINUATION TOTAL 6056.13

JOB LOG

SWIFT Services, Inc.

DATE 1/15/15 PAGE NO. 1

CUSTOMER American Water WELL NO. 4-5 LEASE O'Brien Finney JOB TYPE cement long string TICKET NO. 28153

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk SA-2 cement w/ 1/4" floccle 5 1/2" x 15.5" casing TD = 4900' set # 4879 shoejt 21' Basket # 10 Centralizer 1, 3, 5, 7, 9, 11, 13, 15, 17
	1400							on loc TRK 114
	2016							start 5 1/2" x 15.5" casing in well
	2225							Dropball - circulate
	2315	4	12			200		Pump 500 gal mud flush
		4	20			200		Pump 20 bbl KCl flush
			7					Plug RH - MH 30sk - 20sk
	2325	4 1/2	35			200		mix SA-2 cement 125sk @ 15.3ppg
	2340							Drop latch down plug wash out pump & line
	2345	5 1/2				200		Displace plug
		5 1/2	108			890		
20JAN	0007	5 1/2	116			1580		Land plug
								Release pressure to truck - dried up
	0015							wash truck
								Rock up
	0040							job complete
								Thanks Blaine Flint # ROB



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson/Luke Th

O'Brate-Finney #4-5

5-23s-32w Finney,KS

Start Date: 2015.01.15 @ 21:28:00

End Date: 2015.01.16 @ 05:31:30

Job Ticket #: 56592 DST #: 1

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

Printed: 2015.01.20 @ 08:39:41

American Warrior, Inc.
5-23s-32w Finney,KS
O'Brate-Finney #4-5
DST # 1
Pawnee
2015.01.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

ATTN: Kevin Timson/Luke Th

Job Ticket: 56592

DST#: 1

Test Start: 2015.01.15 @ 21:28:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:17:15

Time Test Ended: 05:31:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Cornelio Landa III

Unit No: 67

Interval: 4441.00 ft (KB) To 4470.00 ft (KB) (TVD)

Reference Elevations: 2862.00 ft (KB)

Total Depth: 4470.00 ft (KB) (TVD)

2851.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 11.00 ft

Serial #: 8968 Outside

Press@RunDepth: 19.17 psig @ 4443.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.15

End Date:

2015.01.16

Last Calib.:

2015.01.16

Start Time: 21:28:05

End Time:

05:31:29

Time On Btm:

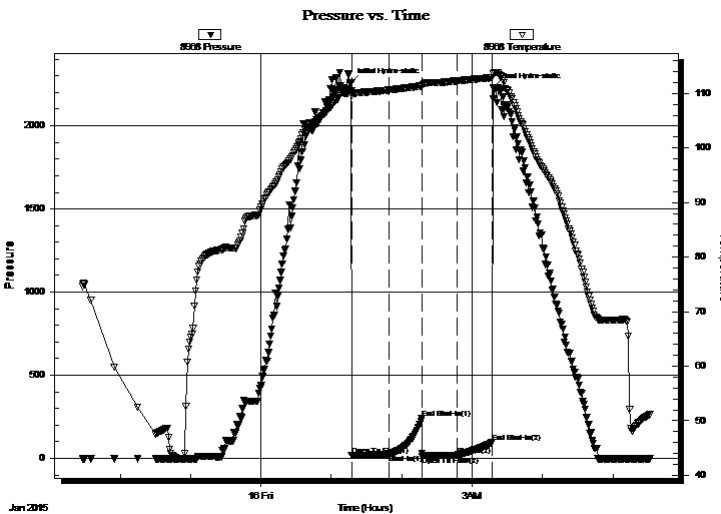
2015.01.16 @ 01:17:00

Time Off Btm:

2015.01.16 @ 03:17:45

TEST COMMENT: 30-IFP: Weak surface blow -Built to 1"
30-ISIP: No return
30-FFP: 1/2" blow within 2 seconds of opening-Built to 2 1/4"
30-FSIP: No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2261.08	110.52	Initial Hydro-static
1	16.37	109.55	Open To Flow (1)
32	21.83	110.59	Shut-In(1)
60	239.35	111.36	End Shut-In(1)
61	13.02	111.26	Open To Flow (2)
90	19.17	112.27	Shut-In(2)
121	98.35	112.86	End Shut-In(2)
121	2230.73	113.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
32.00	G & Ocm 5g 15o 80m	0.45

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56592 **DST#: 1**

ATTN: Kevin Timson/Luke Th

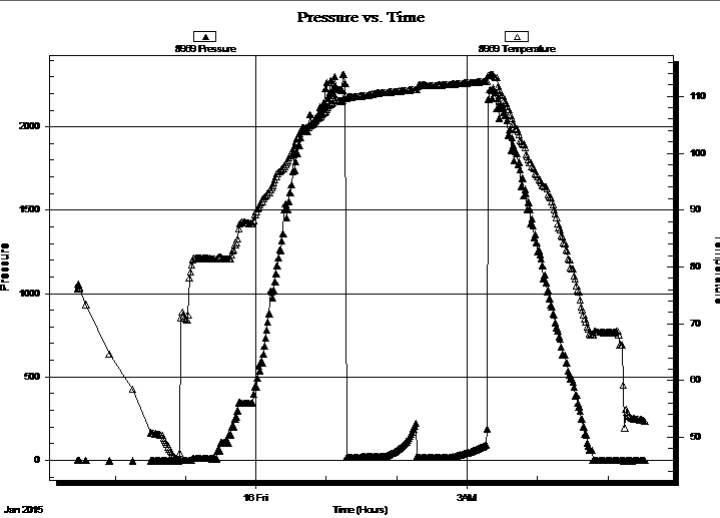
Test Start: 2015.01.15 @ 21:28:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 01:17:15 Tester: Cornelio Landa III
 Time Test Ended: 05:31:30 Unit No: 67
 Interval: **4441.00 ft (KB) To 4470.00 ft (KB) (TVD)** Reference Elevations: 2862.00 ft (KB)
 Total Depth: 4470.00 ft (KB) (TVD) 2851.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 11.00 ft

Serial #: 8969 Inside
 Press@RunDepth: psig @ 4443.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.01.15 End Date: 2015.01.16 Last Calib.: 2015.01.16
 Start Time: 21:28:05 End Time: 05:31:14 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP: Weak surface blow -Built to 1"
 30-ISIP: No return
 30-FFP: 1/2" blow within 2 seconds of opening-Built to 2 1/4"
 30-FSIP: No return



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
32.00	G & Ocm 5g 15o 80m	0.45

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56592

DST#: 1

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.15 @ 21:28:00

Tool Information

Drill Pipe:	Length: 4419.00 ft	Diameter: 3.80 inches	Volume: 61.99 bbl	Tool Weight: 2500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 10000.00 lb
			<u>Total Volume: 61.99 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4441.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			4415.00	
Shut In Tool	5.00			4420.00	
Hydraulic tool	5.00			4425.00	
Jars	5.00			4430.00	
Safety Joint	2.00			4432.00	
Packer	5.00			4437.00	27.00 Bottom Of Top Packer
Packer	4.00			4441.00	
Stubb	1.00			4442.00	
Perforations	1.00			4443.00	
Recorder	0.00	8969	Inside	4443.00	
Recorder	0.00	8968	Outside	4443.00	
Perforations	24.00			4467.00	
Bullnose	3.00			4470.00	29.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56592

DST#: 1

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.15 @ 21:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
32.00	G & Ocm 5g 15o 80m	0.449

Total Length: 32.00 ft Total Volume: 0.449 bbl

Num Fluid Samples: 0

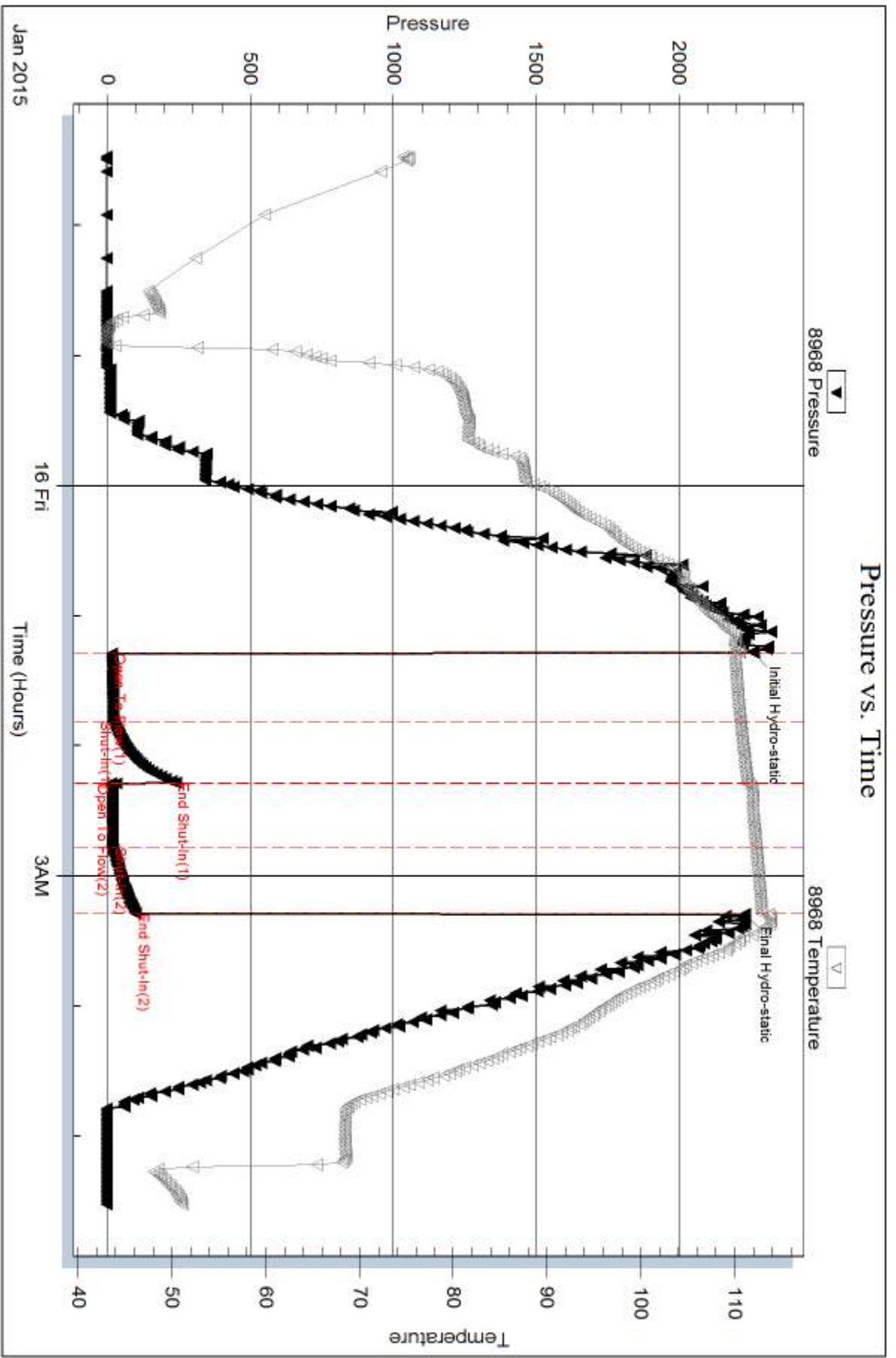
Num Gas Bombs: 0

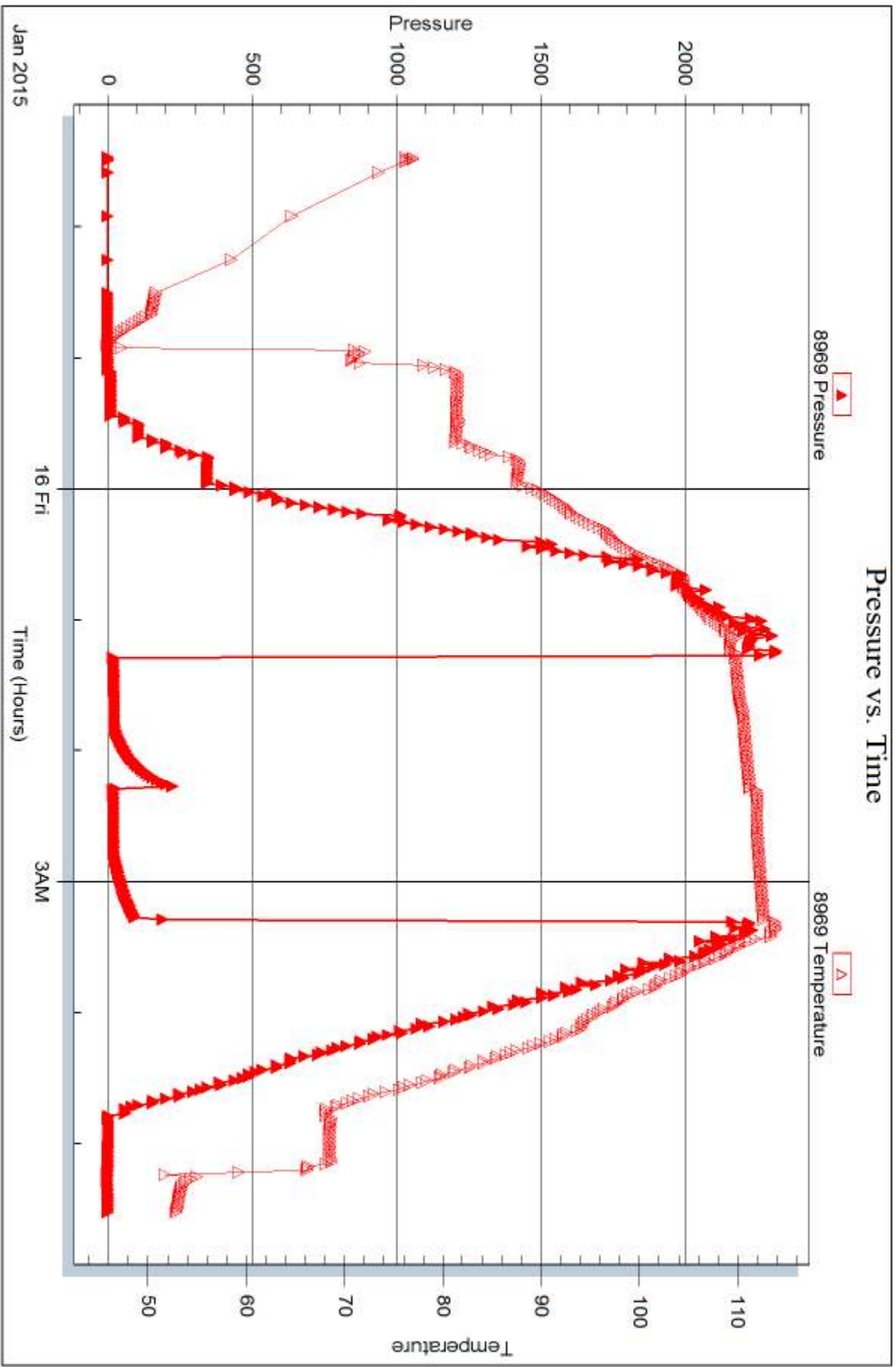
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson/Luke Th

O'Brate-Finney #4-5

5-23s-32w Finney,KS

Start Date: 2015.01.17 @ 08:00:00

End Date: 2015.01.17 @ 17:10:00

Job Ticket #: 56593 DST #: 2

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

Printed: 2015.01.20 @ 08:39:00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

ATTN: Kevin Timson/Luke Th

Job Ticket: 56593

DST#: 2

Test Start: 2015.01.17 @ 08:00:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:20:30

Time Test Ended: 17:10:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 67

Interval: 4668.00 ft (KB) To 4728.00 ft (KB) (TVD)

Reference Elevations: 2862.00 ft (KB)

Total Depth: 4728.00 ft (KB) (TVD)

2851.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8968 Outside

Press@RunDepth: 23.33 psig @ 4671.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.17 End Date: 2015.01.17

Last Calib.: 2015.01.17

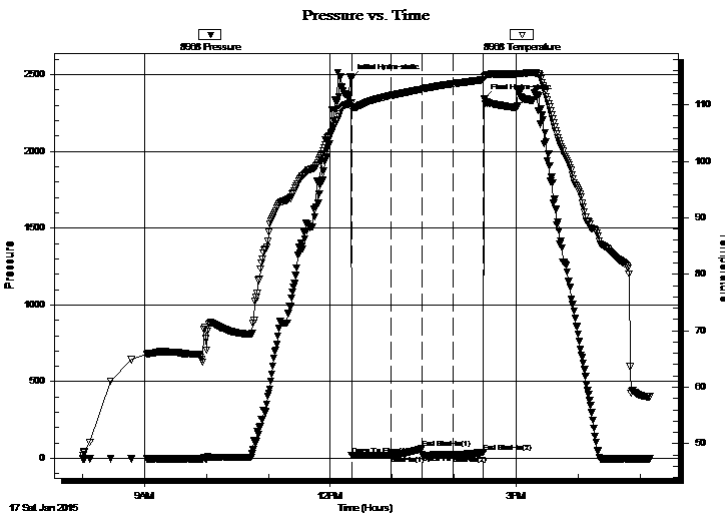
Start Time: 08:00:05 End Time: 17:10:00

Time On Btm: 2015.01.17 @ 12:20:15

Time Off Btm: 2015.01.17 @ 14:29:15

TEST COMMENT: 38-IFP: Weak surface blow -Built to 1/8"
30-ISIP: No return
30-FFP: No blow
30-FSIP: No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2472.27	110.38	Initial Hydro-static
1	19.12	109.30	Open To Flow (1)
39	22.46	111.63	Shut-In(1)
69	63.23	112.75	End Shut-In(1)
69	23.86	112.73	Open To Flow (2)
99	23.33	113.73	Shut-In(2)
128	39.58	114.45	End Shut-In(2)
129	2340.36	114.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w /slight oil show	0.07

* 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.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56593

DST#: 2

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.17 @ 08:00:00

Tool Information

Drill Pipe:	Length: 4671.00 ft	Diameter: 3.80 inches	Volume: 65.52 bbl	Tool Weight: 2500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 10000.00 lb
			<u>Total Volume: 65.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4668.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	87.00 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			4642.00	
Shut In Tool	5.00			4647.00	
Hydraulic tool	5.00			4652.00	
Jars	5.00			4657.00	
Safety Joint	2.00			4659.00	
Packer	5.00			4664.00	27.00 Bottom Of Top Packer
Packer	4.00			4668.00	
Stubb	1.00			4669.00	
Perforations	1.00			4670.00	
Change Over Sub	1.00			4671.00	
Recorder	0.00	8969	Inside	4671.00	
Recorder	0.00	8968	Outside	4671.00	
Drill Pipe	31.00			4702.00	
Change Over Sub	1.00			4703.00	
Perforations	22.00			4725.00	
Bullnose	3.00			4728.00	60.00 Bottom Packers & Anchor
Total Tool Length:	87.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56593

DST#: 2

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.17 @ 08:00:00

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w /slight oil show	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

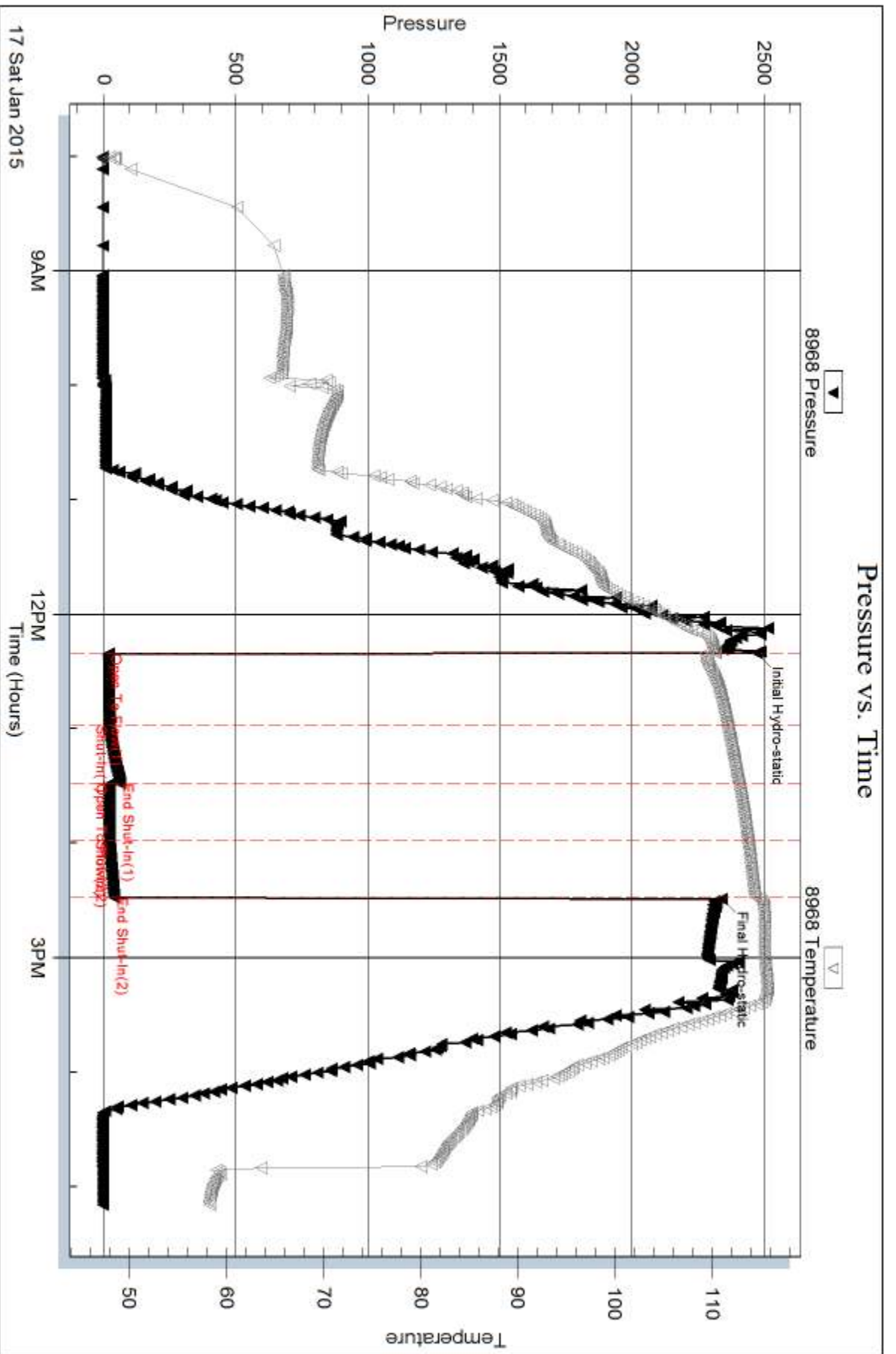
Num Gas Bombs: 0

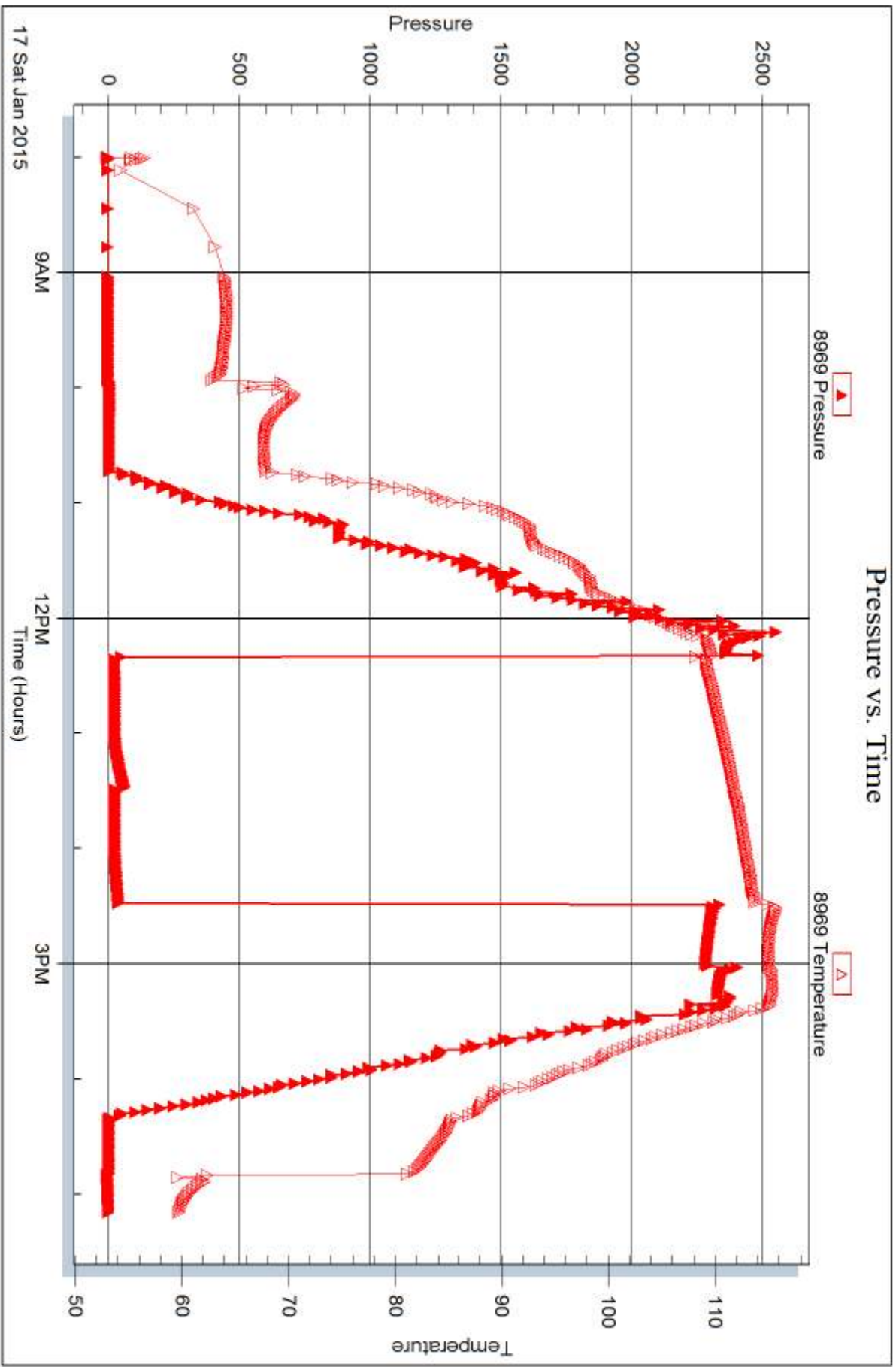
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson/Luke Th

O'Brate-Finney #4-5

5-23s-32w Finney,KS

Start Date: 2015.01.18 @ 06:34:00

End Date: 2015.01.18 @ 14:19:15

Job Ticket #: 56594 DST #: 3

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

Printed: 2015.01.20 @ 08:38:08



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56594

DST#: 3

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.18 @ 06:34:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:39:30

Time Test Ended: 14:19:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 67

Interval: 4752.00 ft (KB) To 4782.00 ft (KB) (TVD)

Reference Elevations: 2862.00 ft (KB)

Total Depth: 4782.00 ft (KB) (TVD)

2851.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8968

Outside

Press@RunDepth: 115.69 psig @ 4754.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.18

End Date:

2015.01.18

Last Calib.:

2015.01.18

Start Time: 06:34:05

End Time:

14:19:14

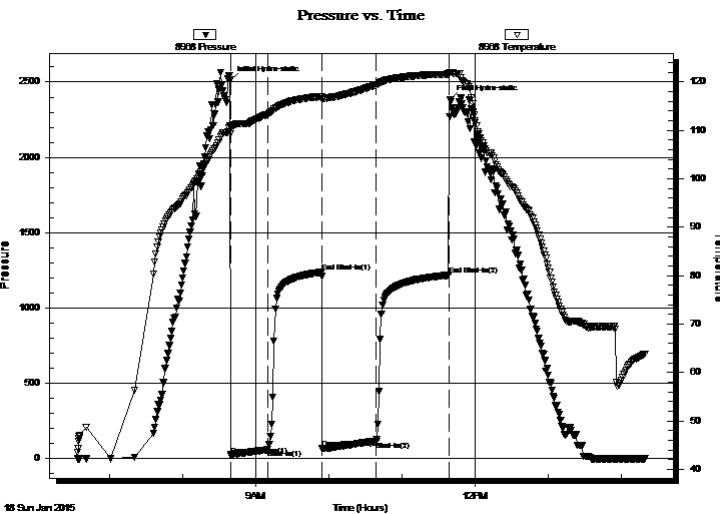
Time On Btm:

2015.01.18 @ 08:39:15

Time Off Btm:

2015.01.18 @ 11:40:00

TEST COMMENT: 30-IFP: BOB in 4 min.
45-ISIP: Bled off in 2 min.- Weak surface blow back-Built to 1"
45-FFP: BOB in 2 min.
60-FSIP:BOB in 14 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2512.43	110.95	Initial Hydro-static
1	20.59	109.31	Open To Flow (1)
31	58.61	113.26	Shut-In(1)
75	1236.74	116.98	End Shut-In(1)
76	68.00	116.57	Open To Flow (2)
120	115.69	119.30	Shut-In(2)
180	1216.96	121.58	End Shut-In(2)
181	2384.98	121.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
94.00	Cgo 35g 65o	1.32
94.00	Mco & G 15m 32o 53g	1.32
94.00	G & Ocm 10g 15o 75m	1.32
0.00	GIP=3196	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.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56594

DST#: 3

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.18 @ 06:34:00

Tool Information

Drill Pipe:	Length: 4735.00 ft	Diameter: 3.80 inches	Volume: 66.42 bbl	Tool Weight:	2500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	10000.00 lb
			<u>Total Volume: 66.42 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	4752.00 ft			Final	65000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	57.00 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			4726.00	
Shut In Tool	5.00			4731.00	
Hydraulic tool	5.00			4736.00	
Jars	5.00			4741.00	
Safety Joint	2.00			4743.00	
Packer	5.00			4748.00	27.00 Bottom Of Top Packer
Packer	4.00			4752.00	
Stubb	1.00			4753.00	
Perforations	1.00			4754.00	
Recorder	0.00	8969	Inside	4754.00	
Recorder	0.00	8968	Outside	4754.00	
Perforations	25.00			4779.00	
Bullnose	3.00			4782.00	30.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56594 **DST#: 3**

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.18 @ 06:34:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.76 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2800.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

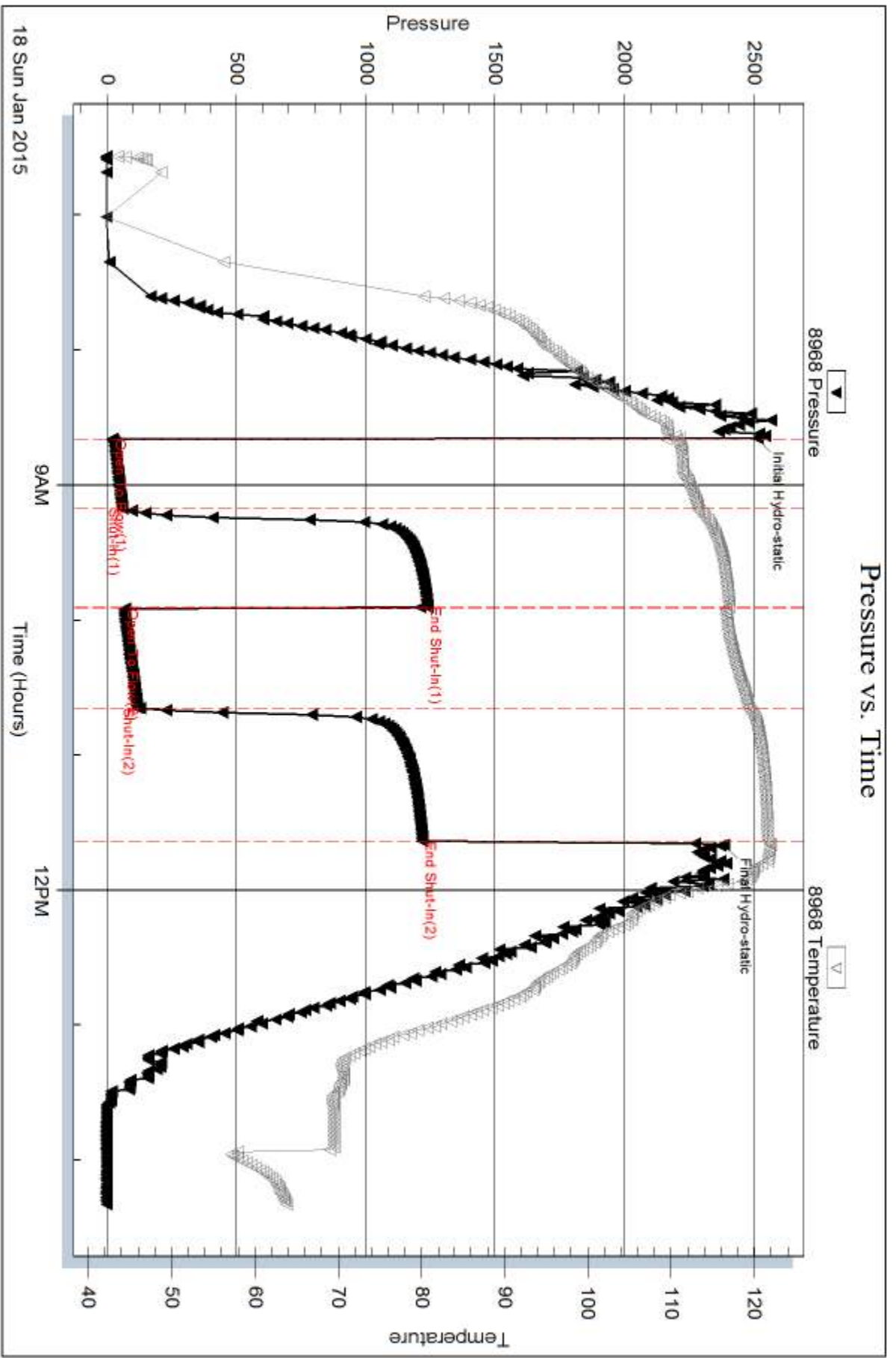
Length ft	Description	Volume bbl
94.00	Cgo 35g 65o	1.319
94.00	Mco & G 15m 32o 53g	1.319
94.00	G & Ocm 10g 15o 75m	1.319
0.00	GIP=3196	0.000

Total Length: 282.00 ft Total Volume: 3.957 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity 30 @ 62



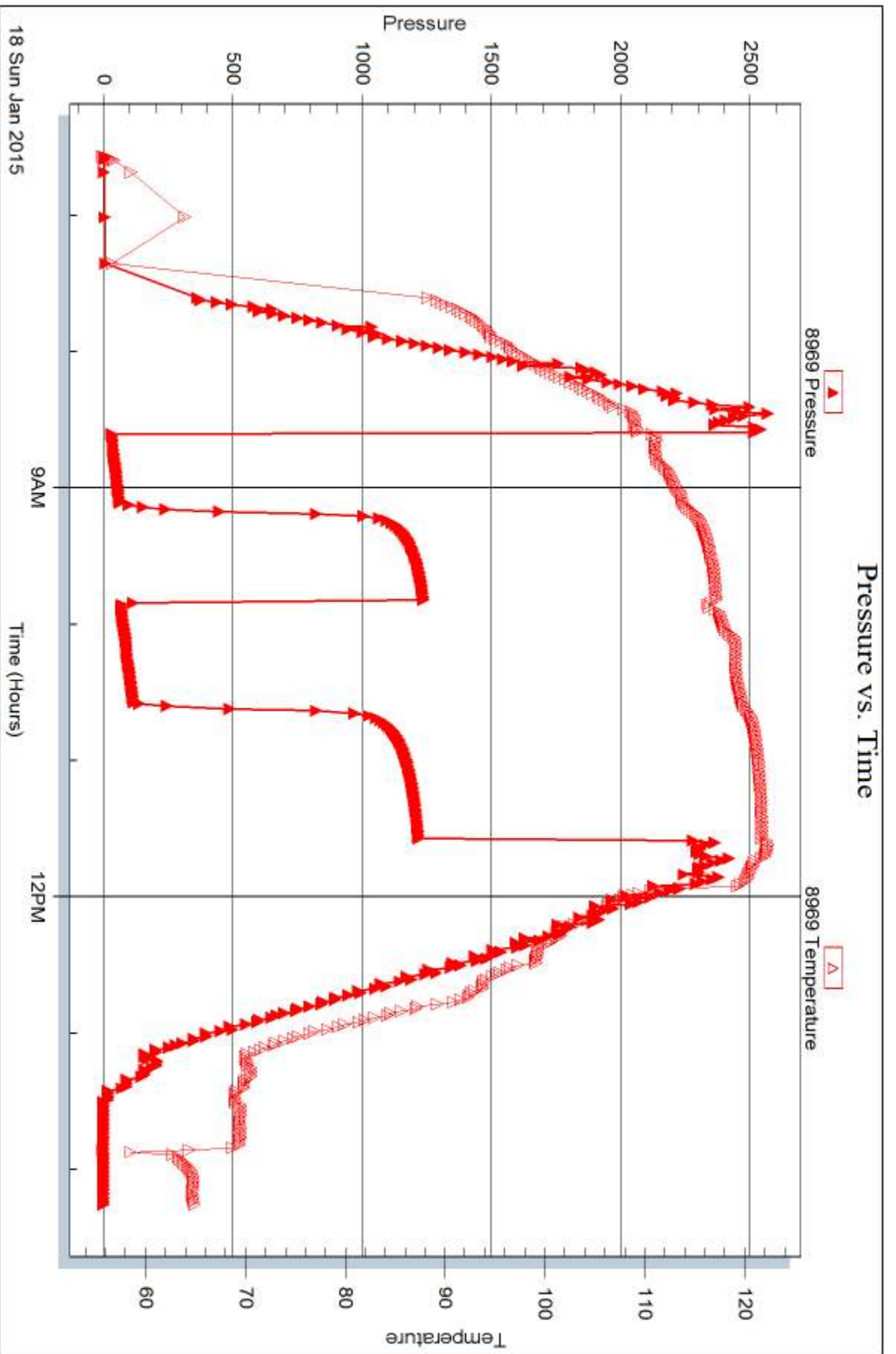
Serial #: 8969

Inside

American Warrior, Inc.

O'Brate-Finney #4.5

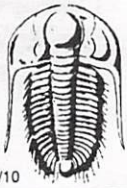
DST Test Number: 3



Triobrite Testing, Inc

Ref. No: 56594

Printed: 2015.01.20 @ 08:38:09



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56592

Well Name & No. O'Brate-Finney #4-5 Test No. 1 Date 4/15/15
 Company American Warrior, Inc. Elevation 2862 KB 2851 GL
 Address 3118 Cummings Rd. Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #10
 Location: Sec. 5 Twp. 23-S Rge. 32W Co. Finney State Ks

Interval Tested 4441-4470 Zone Tested Pawnee
 Anchor Length 29' Drill Pipe Run 4419' Mud Wt. 9.5
 Top Packer Depth 4437 Drill Collars Run 0 Vis 49
 Bottom Packer Depth 4441 Wt. Pipe Run 0 WL 8.8
 Total Depth 4470 Chlorides 2400 ppm System LCM #1 1/2

Blow Description IFP: Weak surface blow - Built to 1 in. blow
ISIP: No Return
FFP: 1/2 in. blow within 2 seconds of opening - Built to 2 1/4 in. of blow
FSIP: No Return

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>32</u>	Feet of <u>6 to 0 cm</u>	<u>5</u> %gas	<u>15</u> %oil	%water	<u>80</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 32 BHT 114 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2260</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>21:27</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>21:28</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>01:17</u>
(D) Initial Shut-In <u>239</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>03:17</u>
(E) Second Initial Flow <u>13</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>05:31</u>
(F) Second Final Flow <u>19</u>	<input checked="" type="checkbox"/> Mileage <u>68 RT 68</u>	Comments <u>Stayed in motel</u>
(G) Final Shut-In <u>98</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2231</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

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

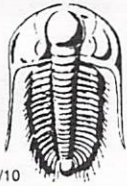
Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1543

Total 1543
 MP/DST Disc't

Approved By _____ Our Representative Clifford LIT

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. 56593

Well Name & No. O'Brade-Finney #4-5 Test No. 2 Date 1-17-15
 Company American Warrior Inc. Elevation 2862 KB 2851 GL
 Address 3118 Cummings Rd. - Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #10
 Location: Sec. 5 Twp. 23-5 Rge. 32-W Co. Finney State KS

Interval Tested 4668-4728 Zone Tested Morrow
 Anchor Length 60' Drill Pipe Run 4671' Mud Wt. 9.4
 Top Packer Depth 4664 Drill Collars Run Ø Vis 50"
 Bottom Packer Depth 4668 Wt. Pipe Run Ø WL 9.2
 Total Depth 4728 Chlorides 2800 ppm System LCM #2

Blow Description IFP: Weak surface flow - Built to 18 in of flow -
ISIP: No Return
FFP: No Blow
FSIP: No Return

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>Ø.5</u>	Feet of <u>Mud slight trace of oil</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 115 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic <u>2472</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>8:00</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>8:00</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:20</u>
(D) Initial Shut-In <u>63</u>	<input checked="" type="checkbox"/> Circ Sub <u>NK</u>	T-Pulled <u>14:28</u>
(E) Second Initial Flow <u>23</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>17:10</u>
(F) Second Final Flow <u>23</u>	<input checked="" type="checkbox"/> Mileage <u>68</u>	Comments <u>2 1/2 hrs steady</u>
(G) Final Shut-In <u>40</u>	<input type="checkbox"/> Sampler	<u>5:31 last on 1-16-15</u>
(H) Final Hydrostatic <u>2340</u>	<input type="checkbox"/> Straddle	<u>Stayed in Motel</u>
Initial Open <u>38</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>Ø 30</u>	<input type="checkbox"/> Day Standby <u>1d 2.5h</u>	Sub Total <u>83.33</u> <u>1626.33</u>
	<input type="checkbox"/> Accessibility	Total <u>Ø 10:45 TIH</u>
	Sub Total <u>1543</u>	MP/DST Disc't <u>Finished making up tool</u>
		<u>Time on Bank shut been at 9:00 A.M</u>

Approved By _____ Our Representative Callahan CLT
 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. 56594

Well Name & No. O'Brate Finney #45 Test No. 3 Date 1-18-15
 Company American Warrior Inc. Elevation 2862 KB 2851 GL
 Address 3118 Cummings Rd. - Garden City, KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke #10
 Location: Sec. 5 Twp. 23-S Rge. 32-W Co. Finney State KS

Interval Tested 4752 - 4782 Zone Tested Mississippi
 Anchor Length 30' Drill Pipe Run 4735' Mud Wt. 9.7
 Top Packer Depth 4748 Drill Collars Run Ø Vis 51
 Bottom Packer Depth 4752 Wt. Pipe Run Ø WL 8.8
 Total Depth 4782 Chlorides 2800 ppm System LCM #2

Blow Description IFP: B.o.b. in 4 min.
ISFP: Bled off in 2 min - Weak surface blowback - Built to 1 in. return blowback
FFP: 2 in. Immediately - B.o.b. in 2 min.
FSFP: Bled off in 2 min. - Good surface blowback - Built to B.o.b. in 14 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>94</u>	<u>CGO</u>	<u>35%</u>	<u>65%</u>		
<u>94</u>	<u>G + CC mg Smith there</u>	<u>10%</u>	<u>15%</u>		<u>75%</u>
<u>94</u>	<u>mco + G² Two</u>	<u>53%</u>	<u>32%</u>		<u>5%</u>
Rec	Feet of <u>GIP = 3196</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 282 BHT 122 Gravity 30 API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2512 Test 1150 T-On Location 06:33
 (B) First Initial Flow 21 Jars 250 T-Started 06:34
 (C) First Final Flow 59 Safety Joint 75 T-Open 08:40
 (D) Initial Shut-In 1237 Circ Sub N/C T-Pulled 11:40
 (E) Second Initial Flow 68 Hourly Standby — T-Out 14:20 - 14:19
 (F) Second Final Flow 116 Mileage 68 Comments —
 (G) Final Shut-In 1217 Sampler —
 (H) Final Hydrostatic 2385 Straddle — Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Extra Recorder — Sub Total 0
 Day Standby — Total 1543
 Accessibility — MP/DST Disc't —
 Sub Total 1543

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In Ø 60

Approved By _____ Our Representative CLTC

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.

Geological Report

American Warrior, Inc.
O'Brate-Finney #4-5
2262' FSL & 941' FWL
Sec 5, T23s, R32w
Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Finney #4-5
2262' FSL & 941' FWL
Sec. 5, T23s, R32w
Finney County, Kansas
API # 15-055-22381-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: January 10, 2015

Completion Date: January 19, 2015

Elevation 2851' G.L.
2862' K.B.

Directions: From intersection of Hwy 50 and Hwy 83, go north 5 miles to 6 Mile Rd, go west 2 miles to 3rd St, go north ¾ miles to lease road, go west ¼ miles, then south into.

Casing: 1657' 8 5/8" #24 Surface Casing
4879' 5 ½" #15.5 Production 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 "Cornelio Landa III"

Problems: None encountered

Formation Tops
O'Brate-Finney #4-5
Sec. 5, T23s, R32w
2662' FSL & 941' FWL

Anhydrite	1909' +953
Base	1995' +867
Heebner	3846' -984
Lansing	3894' -1032
Stark	4224' -1362
Bkc	4364' -1502
Marmaton	4388' -1526
Pawnee	4465' -1603
Fort Scott	4490' -1628
Cherokee	4508' -1646
Morrow	4674' -1812
Miss	4712' -1849
RTD	4900' -2038
LTD	4902' -2040

Sample Zone Descriptions

Pawnee **(4465', -1603):** **Covered in DST #1**
Limestone, tan, sub to medium crystalline, fair oolycastic porosity, Fair stain, fair saturation, show free oil, fair odor. 80 unit hotwire

Morrow **(4680', -1818):** **Covered in DST #2**
Sandstone, white to grey, fine grain, well rounded, well sorted, poor consolidation, slight show free oil, no odor, 2 cuttings with show. 20 unit hotwire

St. Louis **(4769', -1907):** **Covered in DST #3**
Limestone, oolitic grainstone, cream, poor oolycastic porosity, good show free oil when broke, well consolidated, good odor. 47 unit hotwire

Drill Stem Tests
Trilobite Testing
“Cornelio Landa III”

DST #1

Pawnee

Interval (4441’-4470’) Anchor Length 29’

IHP	- 2261#	
IFP	- 30” – wsb, built to 1 inch	16-22 #
ISI	- 30” – No return	240 #
FFP	- 30” – Built to 2 ¼ inch	13-19 #
FSIP	- 30” – No return	98#
FHP	- 2231 #	
BHT	- 114° F	
Recovery:	32’ GOCM	15% O

DST #2

Morrow

Interval (4668’-4728’) Anchor Length 60’

IHP	- 2472 #	
IFP	- 30” – wsb	19-22 #
ISI	- 30” – No return	63 #
FFP	- 30” – No blow	23 #
FSIP	- 30” – No return	40 #
FHP	- 2340#	
BHT	- 115° F	
Recovery:	5’ M w/show oil	

DST #3

St. Louis

Interval (4752’-4782’) Anchor Length 30’

IHP	- 2512 #	
IFP	- 30” – BOB in 4 min	21-59 #
ISI	- 45” – wsb built to 1 inch	1237 #
FFP	- 45” – BOB in 2 min	68-116 #
FSIP	- 60” – BOB in 14 min	1217 #
FHP	- 2385 #	
BHT	- 122° F	
Recovery:	3196’ GIP	
	94’ CGO	
	188’ MCOG	

Structural Comparison

	American Warrior, Inc. O'Brate-Finney #4-5 Sec. 5, T23s, R32w 2262' FSL & 941' FWL		American Warrior, Inc. O'Brate-Finney #1-5 Sec. 5, T23s, R32w 742' FSL & 2310' FWL		American Warrior, Inc. O'Brate-Finney #3-5 Sec. 23, T23s, R32w 2178' FSL & 2165' FEL
Formation					
Heebner	3846' -984	-15	3829' -969	+9	3852' -993
Lansing	3894' -1032	-15	3877' -1017	+10	3901' -1042
Stark	4224' -1362	-10	4212' -1352	+18	4239' -1380
BKC	4364' -1502	-12	4350' -1490	+21	4382' -1523
Marmaton	4388' -1526	-11	4375' -1515	+25	4410' -1551
Pawnee	4465' -1603	-14	4449' -1589	+24	4486' -1627
Fort Scott	4490' -1628	-16	4472' -1612	+24	4511' -1652
Cherokee	4508' -1646	-15	4491' -1631	+24	4529' -1670
Morrow	4674' -1812	-14	4658' -1798	+26	4697' -1838
Miss	4712' -1849	-32	4677' -1817	+64	4772' -1913

Summary

The location for the O'Brate-Finney #4-5 well was found via 3-D seismic survey. The new well ran structurally as expected. Three drill stem tests were conducted one of which recovered commercial quantities of oil. After all the gathered data had been examined, the decision was made to run 5 1/2" casing to further evaluate the O'Brate-Finney #4-5 well.

Perforations

Primary: St. Louis (4772'-4777')

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

