



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1216578
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: _____

1216578

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'Brate-Finney 3-15
Doc ID	1216578

Tops

Name	Top	Datum
Anhy	1809'	+992
B/Anhy	1885'	+916
Heebner	3912'	-1111
Lansing	3958'	-1157
Stark	4330'	-1529
B/KC	4458'	-1657
Ft.Scott	4583'	-1782
Morrow	4742'	-1941
Mississippian	4750'	-1949



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

TICKET 26371

PAGE 1 OF 2

SERVICE LOCATIONS
 1. **NESS CITY, KS** WELL/PROJECT NO. LEASE **FINNEY-OBRATE 3-15** COUNTY/PARISH **FINNEY** STATE **KS.** CITY **PEERCEVILLE, KS.** DATE **21 JUN 14** OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR **DUKE DRILLING RIG #10** RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **S 2 LONGSTRING** WELL PERMIT NO. WELL LOCATION **152W, NINTO**
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #115	100	mk			6.00	600.00
578					Pump CHARGE	1	JOB			1500.00	1500.00
402					CENTRALIZERS	9	EA.			70.00	630.00
403					CEMENT BASKET	1	EA			300.00	300.00
406					LATCH DOWN PLUG & RAFFLE	1	EA			275.00	275.00
407					INSERT FLOAT SHADE W/ FILL	1	EA			375.00	375.00
281					MUD FLUSH	500	gal			1.25	625.00
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 **21 Jun 14** TIME SIGNED **2030** A.M. P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	1	4355.75
	2	5472.75
Subtotal		9827.75
Finney TAX 7.3%		471.69
TOTAL		10,299.44

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. 26371

CUSTOMER: AMERICAN WARRIOR
VEHICLE: FINNEY-OPRATE 3-15
DATE: 21 JUN 14
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
276						FLOCELE	50	lbs			2 ⁵⁰	125 ⁰⁰
283						SALT	900	lbs			2 ⁹⁰	180 ⁰⁰
284						CALSEAL	8	sx			35 ⁰⁰	280 ⁰⁰
292						HALAD 322	125	lbs			8 ⁰⁰	1000 ⁰⁰
290						D-AIR	2	gpr			42 ⁰⁰	84 ⁰⁰
325						STANDARD EA-2	175	sx			14 ⁵⁰	2537 ⁵⁰
581						SERVICE CHARGE					2 ⁰⁰	350 ⁰⁰
583						MILEAGE CHARGE	18325	TOTAL WEIGHT	100	LOADED MILES	1 ⁰⁰	916 ²⁵
											175 ⁵⁰	350 ⁰⁰
											916 ²⁵	916 ²⁵

CONTINUATION TOTAL 5472⁷⁵

JOB LOG

SWIFT Services, Inc.

DATE 21 JUN 14 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. 3-15 LEASE FINNEY-D'BRATE JOB TYPE 5 1/2 LONGSTRING TICKET NO. 26371

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1600							ON LOCATION
	1640							START PIPE - 5 1/2 - 15.5" RTD @ 5000 SET @ 4756 CENTRALIZERS 1,2,3,4,5,7,9,11,13 BASKET 7
	1845							DROP BALL CIRCULATE
	1917	6	12		✓	300		Pump 500 gal MUD FLUSH
		6	20		✓	300		Pump 20 Bbl KCL SPACER
	1923		7.5					PLUG RH 30sx, MH 20sx
	1929	4	30		✓			MIX 125sx EA-2
	1941							WASH OUT Pump & LINES.
	1945	6			✓			START DISPLACING PLUG.
	2004	Ø	113		✓	1500		PLUG DOWN LATCH PLUG IN
	2007				✓			RELEASE PSI - DRY
	2010							WASH TRUCK
	2030							JOB COMPLETE
								THANKS #115
								JASON DOUG JOHN



DRILL STEM TEST REPORT

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

PO Box 399
Garden City KS 67826

ATTN: Kevin Timson

O'Brate-Finney #3-15

15-25s-31w Finney,KS

Start Date: 2014.06.18 @ 05:32:00

End Date: 2014.06.18 @ 11:14:15

Job Ticket #: 56651 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.06.25 @ 08:54:56



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior, Inc.

15-25s-31w Finney, KS

PO Box 399
Garden City KS 67826

O'Brate-Finney #3-15

Job Ticket: 56651 **DST#: 1**

ATTN: Kevin Timson

Test Start: 2014.06.18 @ 05:32:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:09:45

Time Test Ended: 11:14:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Justin Harris

Unit No: 72

Interval: 4416.00 ft (KB) To 4490.00 ft (KB) (TVD)

Reference Elevations: 2801.00 ft (KB)

Total Depth: 4490.00 ft (KB) (TVD)

2790.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8674

Inside

Press@RunDepth: 21.53 psig @ 4417.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.18

End Date:

2014.06.18

Last Calib.: 2014.06.18

Start Time: 05:32:05

End Time:

11:14:14

Time On Btm: 2014.06.18 @ 08:09:30

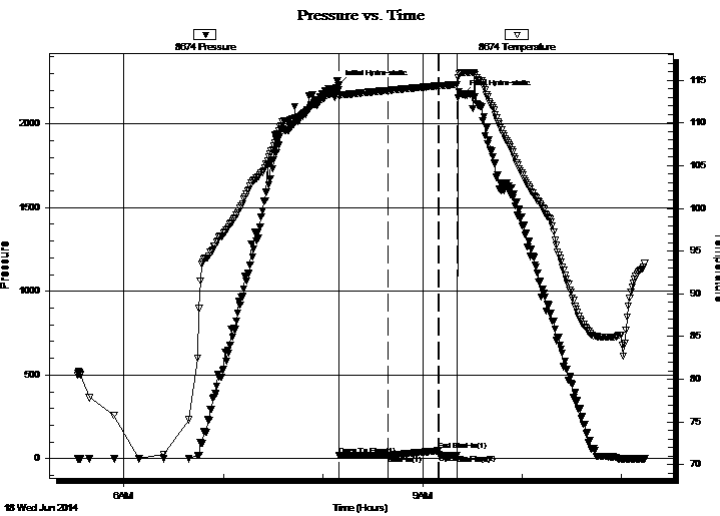
Time Off Btm: 2014.06.18 @ 09:24:15

TEST COMMENT: 30: Weak surface blow died in 6 min.

30: No Return

10: No Blow

Pull



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.45	113.91	Initial Hydro-static
1	20.12	113.13	Open To Flow (1)
30	21.53	113.81	Shut-In(1)
60	47.93	114.35	End Shut-In(1)
61	23.25	114.33	Open To Flow (2)
71	22.36	114.51	Shut-In(2)
75	2175.35	115.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

15-25s-31w Finney,KS

PO Box 399
Garden City KS 67826

O'Brate-Finney #3-15

Job Ticket: 56651

DST#: 1

ATTN: Kevin Timson

Test Start: 2014.06.18 @ 05:32:00

Tool Information

Drill Pipe:	Length: 4394.00 ft	Diameter: 3.80 inches	Volume: 61.64 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 61.64 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4416.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	101.00 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			4390.00	
Shut In Tool	5.00			4395.00	
Hydraulic tool	5.00			4400.00	
Jars	5.00			4405.00	
Safety Joint	2.00			4407.00	
Packer	5.00			4412.00	27.00 Bottom Of Top Packer
Packer	4.00			4416.00	
Stubb	1.00			4417.00	
Recorder	0.00	8355	Outside	4417.00	
Recorder	0.00	8674	Inside	4417.00	
Perforations	3.00			4420.00	
Change Over Sub	1.00			4421.00	
Drill Pipe	63.00			4484.00	
Change Over Sub	1.00			4485.00	
Bullnose	5.00			4490.00	74.00 Bottom Packers & Anchor

Total Tool Length: 101.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

15-25s-31w Finney,KS

PO Box 399
Garden City KS 67826

O'Brate-Finney #3-15

Job Ticket: 56651 **DST#: 1**

ATTN: Kevin Timson

Test Start: 2014.06.18 @ 05:32:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 44.00 sec/qt
Water Loss: 8.78 in³
Resistivity: ohm.m
Salinity: 2800.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 0 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

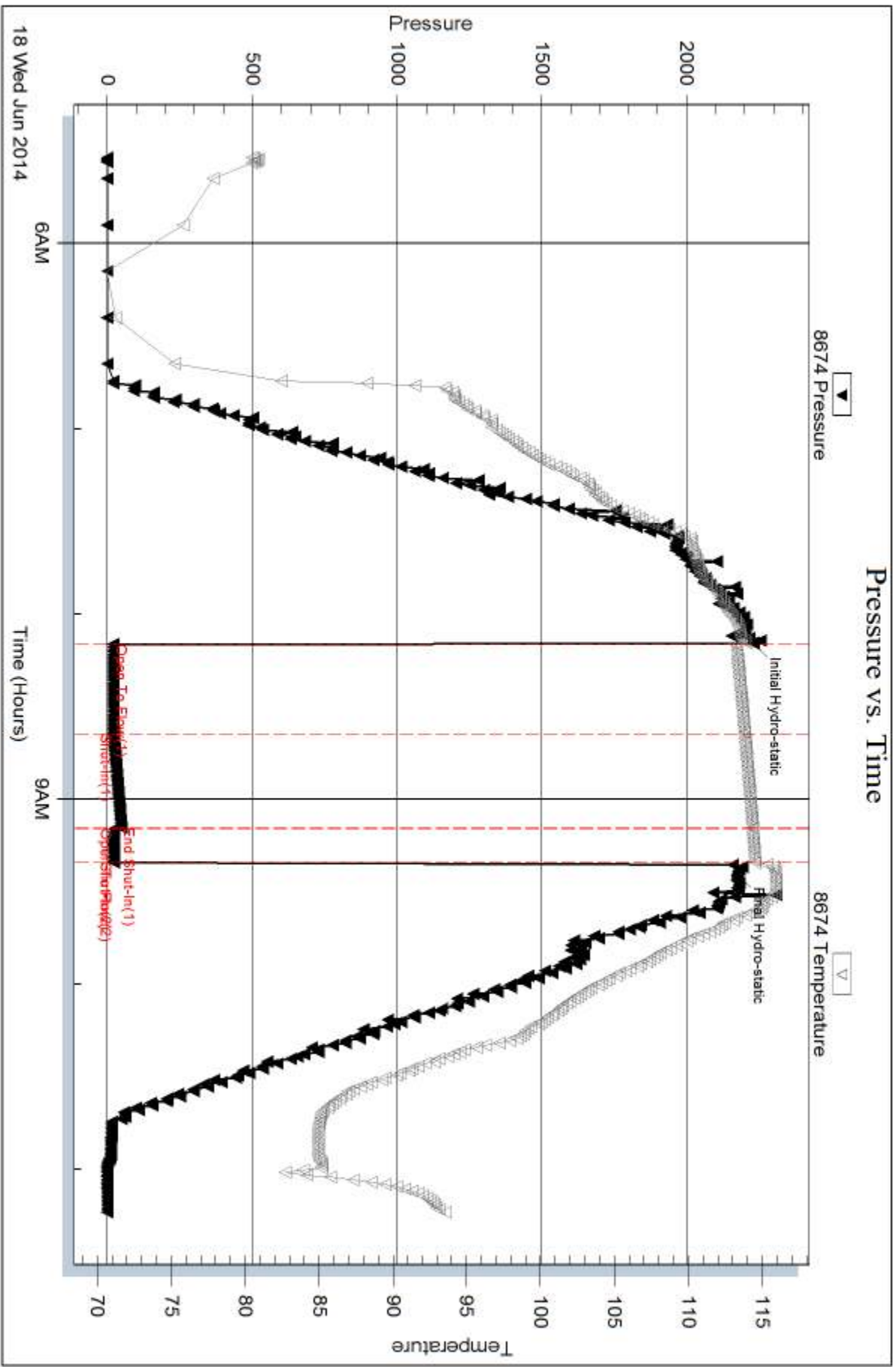
Length ft	Description	Volume bbl
5.00	mud	0.070

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 67826

ATTN: Kevin Timson

O'Brate-Finney #3-15

15-25s-31w Finney,KS

Start Date: 2014.06.18 @ 23:20:00

End Date: 2014.06.19 @ 07:15:00

Job Ticket #: 56652 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.06.25 @ 08:53:55



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.
 PO Box 399
 Garden City KS 67826
 ATTN: Kevin Timson

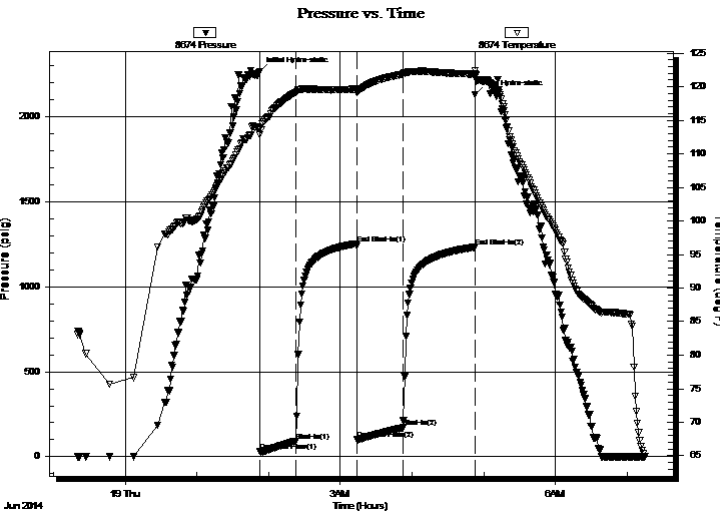
15-25s-31w Finney,KS
O'Brate-Finney #3-15
 Job Ticket: 56652 **DST#: 2**
 Test Start: 2014.06.18 @ 23:20:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:52:45
 Time Test Ended: 07:15:00
 Interval: **4549.00 ft (KB) To 4570.00 ft (KB) (TVD)**
 Total Depth: 4570.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Justin Harris
 Unit No: 72
 Reference Elevations: 2801.00 ft (KB)
 2790.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8674 Inside
 Press@RunDepth: 171.02 psig @ 4550.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.18 End Date: 2014.06.19 Last Calib.: 2014.06.19
 Start Time: 23:20:05 End Time: 07:14:59 Time On Btm: 2014.06.19 @ 01:52:30
 Time Off Btm: 2014.06.19 @ 04:52:45

TEST COMMENT: 30: B.O.B in 6 min
 45: Retrun Blow built to 1"
 45: B.O.B in 9 min
 60: Retrun Blow built to 2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2265.69	113.86	Initial Hydro-static
1	31.21	112.80	Open To Flow (1)
31	91.83	119.17	Shut-In(1)
81	1254.46	119.62	End Shut-In(1)
82	103.92	119.09	Open To Flow (2)
120	171.02	121.88	Shut-In(2)
180	1233.53	121.88	End Shut-In(2)
181	2132.05	122.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	Gmcow 10%g 50%o 20%m 20%w	0.88
186.00	mcw 95%w 5%m	2.61
0.00	G.I.P.496'	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.

15-25s-31w Finney,KS

PO Box 399
Garden City KS 67826

O'Brate-Finney #3-15

Job Ticket: 56652 **DST#: 2**

ATTN: Kevin Timson

Test Start: 2014.06.18 @ 23:20:00

Tool Information

Drill Pipe:	Length: 4551.00 ft	Diameter: 3.80 inches	Volume: 63.84 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 63.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4549.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	48.00 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			4523.00	
Shut In Tool	5.00			4528.00	
Hydraulic tool	5.00			4533.00	
Jars	5.00			4538.00	
Safety Joint	2.00			4540.00	
Packer	5.00			4545.00	27.00 Bottom Of Top Packer
Packer	4.00			4549.00	
Stubb	1.00			4550.00	
Recorder	0.00	8355	Outside	4550.00	
Recorder	0.00	8674	Inside	4550.00	
Perforations	15.00			4565.00	
Bullnose	5.00			4570.00	21.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

15-25s-31w Finney,KS

PO Box 399
Garden City KS 67826

O'Brate-Finney #3-15

Job Ticket: 56652 **DST#: 2**

ATTN: Kevin Timson

Test Start: 2014.06.18 @ 23:20:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 44.00 sec/qt
Water Loss: 9.19 in³
Resistivity: ohm.m
Salinity: 4400.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 0 deg API
Water Salinity: 7500 ppm

Recovery Information

Recovery Table

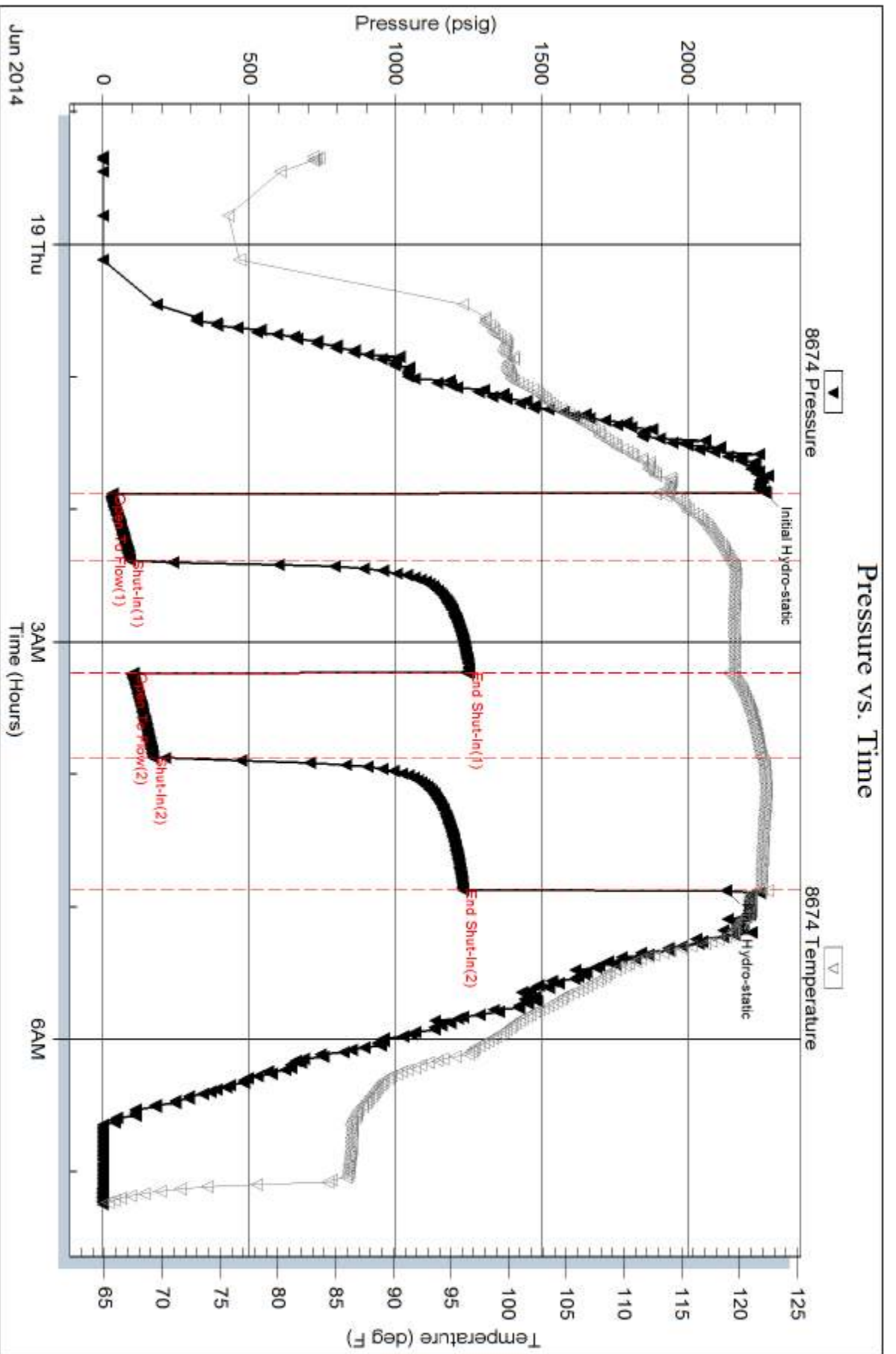
Length ft	Description	Volume bbl
63.00	Gmcow 10%g 50%o 20%m 20%w	0.884
186.00	mcw 95%w 5%m	2.609
0.00	G.I.P 496'	0.000

Total Length: 249.00 ft Total Volume: 3.493 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

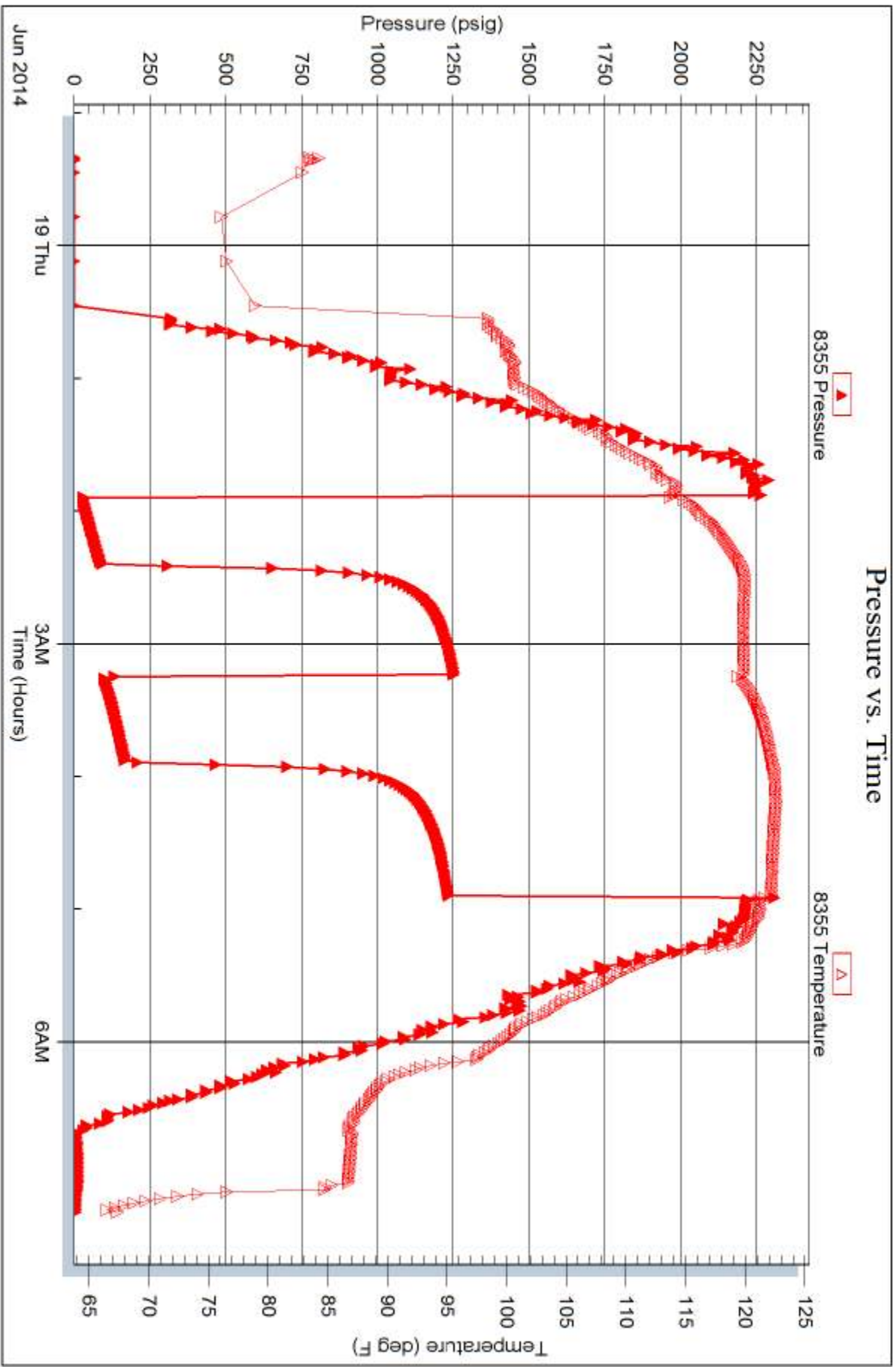


Serial #: 8355

Outside American Warrior, Inc.

OBrate-Finney #3-15

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 56652

Printed: 2014.06.25 @ 08:53:57

Geological Report

American Warrior, Inc.

O'Brate-Finney #3-15

335' FSL & 571' FWL

Sec. 15, T25s, R31w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Finney #3-15
335' FSL & 571' FWL
Sec. 15, T25s, R31w
Finney County, Kansas
API # 15-055-22312-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: June 13, 2014

Completion Date: June 21, 2014

Elevation 2790' G.L.
2801' K.B.

Directions: From Pierceville, KS. Go South on Main Street .9 miles to Beach Rd. Go West 2 miles North and East into.

Casing: 1687' 8 5/8" #24 Surface Casing
4756' 5 1/2" #15.5 Production Casing

Samples: 4400' to RTD 10' Wet & Dry

Drilling Time: 3850' to RTD

Electric Logs: Pioneer Energy Services "J. Henrickson"
Stacked-Micro

Drillstem Tests: Two-Trilobite Testing "Justin Harris"

Problems: None

Formation Tops
O'Brate-Finney #3-15
Sec. 15, T25s, R31w
335' FSL & 571' FWL

Anhydrite	1809' +992
Base	1885' +916
Heebner	3912' -1111
Lansing	3958' -1157
Stark	4330' -1529
Bkc	4458' -1657
Marmaton	4477' -1676
Pawnee	4553' -1752
Fort Scott	4583' -1782
Cherokee	4597' -1796
Morrow	4742' -1941
Miss	4750' -1949
RTD	5000' -2199
LTD	4998' -2197

Sample Zone Descriptions

Pawnee (4553',-1752): Covered in DST #2
 Ls. Tan. Medium to sub crystalline. Good oomoldic and good oolycastic porosity. Good stain. Fair saturation. Fair odor. 55 Units hotwire.

Marmaton (4477', -1676): Covered in DST #1
 Dolomite. Tan. Sub crystalline. Fair to good vuggy porosity. Fair stain. Fair saturation. Poor odor. 60 Unit hotwire. Chert-wt slight to heavily weathered. Fair stain.

Drill Stem Tests
Trilobite Testing
“Justin Harris”

DST #1

Marmaton

Interval (4416' – 4490') Anchor 74'

IHP - 2232 #

IFP - 30" – WSB died in 6 min 20-21 #

ISI - 30" – No return 48 #

FFP - 10" – No blow 23-22 #

FSIP - Pull Tool NA

FHP - NA

BHT - 114° F

Recovery: 5' Mud

DST #2

Pawnee

Interval (4549' – 4570') Anchor 21'

IHP - 2266 #

IFP - 30" – BOB in 6 min 31-92 #

ISI - 45" – Built to 1" 1254 #

FFP - 45" – BOB in 9 min 104-171#

FSIP - 60" – Built to 2" 1233 #

FHP - 2132 #

BHT - 122° F

63' GMCWO (50% Oil, 20% Water)

186' MCW (95% Water)

496' GIP

Structural Comparison

	American Warrior, Inc. O'Brate-Finney #3-15 Sec. 15, T25s, R31w 335' FSL & 571' FWL		American Warrior, Inc. O'Brate-Finney #1-15 Sec. 15, T25s, R31w 1697' FSL & 1379' FWL		American Warrior, Inc. O'Brate-Finney #2-15 Sec 2, T25s, R31w 1994' FNL & 537' FWL
Formation					
Heebner	3912' -1111	+14	3895' -1125	+4	3887' -1115
Lansing	3958' -1157	+23	3950' -1180	+12	3941' -1169
Stark	4330' -1529	+13	4312' -1542	+3	4304' -1532
BKC	4458' -1657	+16	4443' -1673	+3	4426' -1654
Marmaton	4477' -1676	+22	4468' -1698	+4	4452' -1680
Pawnee	4553' -1752	+18	4540' -1770	+5	4529' -1757
Fort Scott	4583' -1782	+17	4569' -1799	-2	4552' -1780
Cherokee	4597' -1796	+18	4584' -1814	-4	4564' -1792
Morrow	4742' -1941	+41	4752' -1982	+10	4723' -1951
Miss	4750' -1949	+65	4784' -2014	+7	4730' -1958

Summary

The location for the O'Brate-Finney #3-15 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, both were negative. After all the gathered data had been examined the decision was made to run 5 1/2" production casing to further evaluate the Pawnee and then convert into a SWDW.

Perforations

Primary: Pawnee (4556' – 4560')

Disposal: Platsmouth (3890' – 3910')

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

