

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1249651
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: _____

1249651

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

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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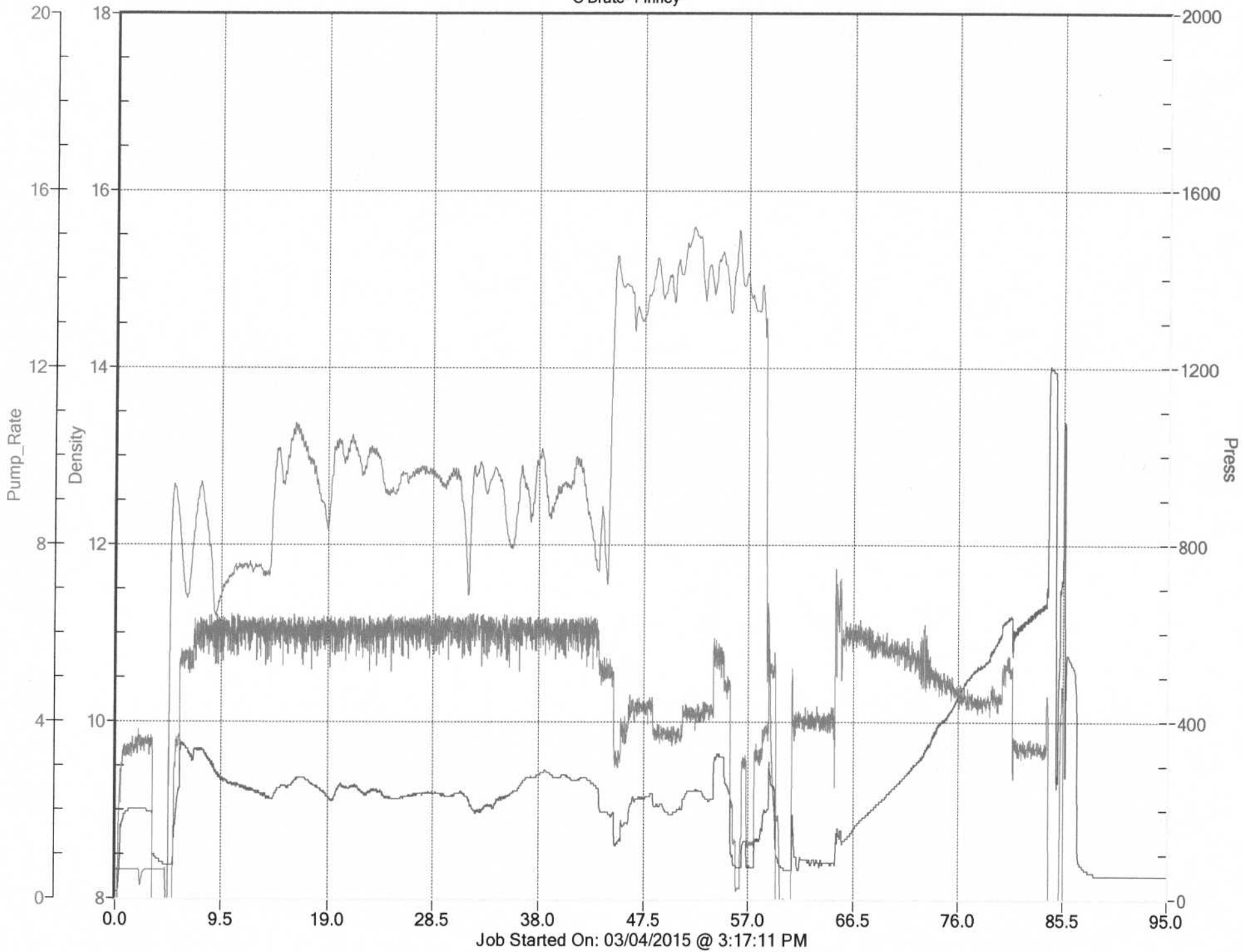
Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'Brate Finney 7-5
Doc ID	1249651

Tops

Name	Top	Datum
Anhy	1916'	+948
B/Anhy	1982'	+882
Heebner	3835'	-971
Lansing	3883'	1019
Stark	4213'	-1349
B/KC	4350'	-1486
Marmaton	4379'	-1515
Pawnee	4452'	-1588
Ft.Scott	4477'	-1613
Cherokee	4494'	-1630
Morrow	4663'	-1799
Mississippian	4687'	-1823

American Warrior

O'Brate- Finney



Job Started On: 03/04/2015 @ 3:17:11 PM



CHARGE TO: American Warrior
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 28243

PAGE 1 OF 2

SERVICE LOCATIONS: 1. New City KS
 WELL/PROJECT NO. 7-5 LEASE obrate-Finney COUNTY/PARISH Finney STATE KS CITY Garden City DATE 12 MAR 15 OWNER
 2. TICKET TYPE SERVICE CONTRACTOR DUKE RIG NAME/NO. 10 SHIPPED VIA CT DELIVERED TO location ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement log string WELL PERMIT NO. WELL LOCATION 5-23-32
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M		
575		1			MILEAGE TRK 114	90	mi	5	00	450 00	
578		1			Pump Charge	1	ea	1250	00	1250 00	
402		1			Centralizer	5 1/2	in	9	ea	60 00	540 00
403		1			Cement Basket	5 1/2	in	1	ea	250 00	250 00
406		1			Latch down plug & baffle	5 1/2	in	1	ea	225 00	225 00
407		1			Insert flat shoe w/ AUTO FILL	5 1/2	in	1	ea	300 00	300 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.
12/10

REMIT PAYMENT TO:

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE		AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL 1	3015 00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	5316 22
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	8331 22
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Finney TAX 7.3%	419 77
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	8750 99
<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 Agill APPROVAL
 Thank You!



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

TICKET CONTINUATION

TICKET No. 28243

CUSTOMER American Warrior
WELL O Brate-Finney 7-5
DATE 12 MAR 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 (for ct-2)	175	sk			12.25	2143.75	
284		1				calseal	800	lb	8	sk	30.00	240.00	
283		1				salt	900	lb			0.20	180.00	
292		1				halad-322	125	lb			8.00	1000.00	
276		1				flocele	50	lb			2.25	112.50	
290		1				D-AIR	2	gal			42.00	84.00	
281		1				mud flush	500	gal			1.25	625.00	
221		1				KCh liquid	2	gal			25.00	50.00	
581						SERVICE CHARGE	175				1.50	262.50	
583						MILEAGE CHARGE	18325		90		0.75	618.47	
											CONTINUATION TOTAL		5316.22

JOB LOG

SWIFT Services, Inc.

DATE 12 MAR 15 PAGE NO.

CUSTOMER American Warrior WELL NO. 7-5 LEASE OBRATE - Finney JOB TYPE cement long string TICKET NO. 28243

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175sk EA-2 cement w/ 1/4" floccle 5 1/2" x 15.5" casing 116 joints TD=4910 set @ 4877' shoe jt 21' Basket # 10 Candalar 1, 3, 5, 7, 9, 11, 13, 15, 17
	1500							on loc TRK 114
	1525							start 5 1/2" x 15.5 casing in well
	1725							Drop ball - circulate
	1815	4	12				200	Pump 500 gal mud flush
		4	20				200	Pump 20 bbl KCL flush
	1820		7					Plug RH - MH 30sk - 20sk
	1825	3 3/4	35				200	mix EA-2 cement 125sk @ 15.3 ppg
								Drop latch down plug wash out pup & line
	1842	6					200	Displace plug
		6	93				500	
		5 1/2	105				400	
	1900	5 1/2	116				1500	Land plug
	1903							Release pressure to truck - dried up
	1910							wash truck
								back up
	1940							job complete
								Thurs Blaine, Flint & Assoc



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd.
Garden City, KS 67846

ATTN: Kevin Timson

O'Brate-Finney #7-5

5-23s-32w-Finney,KS

Start Date: 2015.03.09 @ 20:51:00

End Date: 2015.03.10 @ 04:28:30

Job Ticket #: 56599 DST #: 1

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

Printed: 2015.03.16 @ 13:15:19



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.
 3118 Cummings Rd.
 Garden City, KS 67846
 ATTN: Kevin Timson

5-23s-32w-Finney,KS
O'Brate-Finney #7-5
 Job Ticket: 56599 **DST#: 1**
 Test Start: 2015.03.09 @ 20:51:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:40:45
 Time Test Ended: 04:28:30
 Interval: **4445.00 ft (KB) To 4474.00 ft (KB) (TVD)**
 Total Depth: 4474.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cornelio Landa III
 Unit No: 67
 Reference Elevations: 2864.00 ft (KB)
 2853.00 ft (CF)
 KB to GR/CF: 11.00 ft

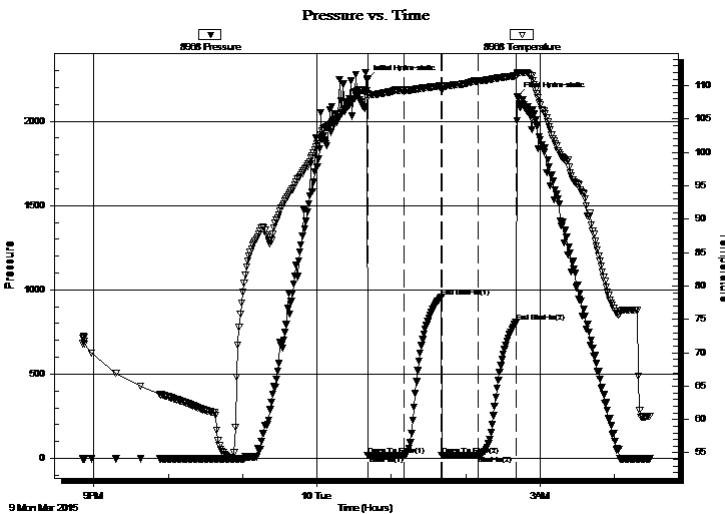
Serial #: 8968

Outside

Press@RunDepth: 19.46 psig @ 4446.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.09 End Date: 2015.03.10 Last Calib.: 2015.03.10
 Start Time: 20:51:05 End Time: 04:28:29 Time On Btm: 2015.03.10 @ 00:40:30
 Time Off Btm: 2015.03.10 @ 02:41:45

TEST COMMENT: IF: Weak surface blow
 IS: No return
 FF: No blow
 FS: No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2247.68	109.29	Initial Hydro-static
1	16.92	108.24	Open To Flow (1)
30	16.70	109.33	Shut-In(1)
60	959.05	109.98	End Shut-In(1)
60	18.69	109.34	Open To Flow (2)
90	19.46	110.71	Shut-In(2)
120	808.66	111.48	End Shut-In(2)
122	2146.60	111.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m w /traces of oil	0.07

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

3118 Cummings Rd.
Garden City, KS 67846

O'Brate-Finney #7-5

Job Ticket: 56599

DST#: 1

ATTN: Kevin Timson

Test Start: 2015.03.09 @ 20:51:00

Tool Information

Drill Pipe:	Length: 4425.00 ft	Diameter: 3.80 inches	Volume: 62.07 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: 62.07 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4445.00 ft			Final	60000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4419.00	
Shut In Tool	5.00			4424.00	
Hydraulic tool	5.00			4429.00	
Jars	5.00			4434.00	
Safety Joint	2.00			4436.00	
Packer	5.00			4441.00	27.00 Bottom Of Top Packer
Packer	4.00			4445.00	
Stubb	1.00			4446.00	
Recorder	0.00	8969	Inside	4446.00	
Recorder	0.00	8968	Outside	4446.00	
Perforations	25.00			4471.00	
Bullnose	3.00			4474.00	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

3118 Cummings Rd.
Garden City, KS 67846

O'Brate-Finney #7-5

Job Ticket: 56599

DST#: 1

ATTN: Kevin Timson

Test Start: 2015.03.09 @ 20:51:00

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m w/traces of oil	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

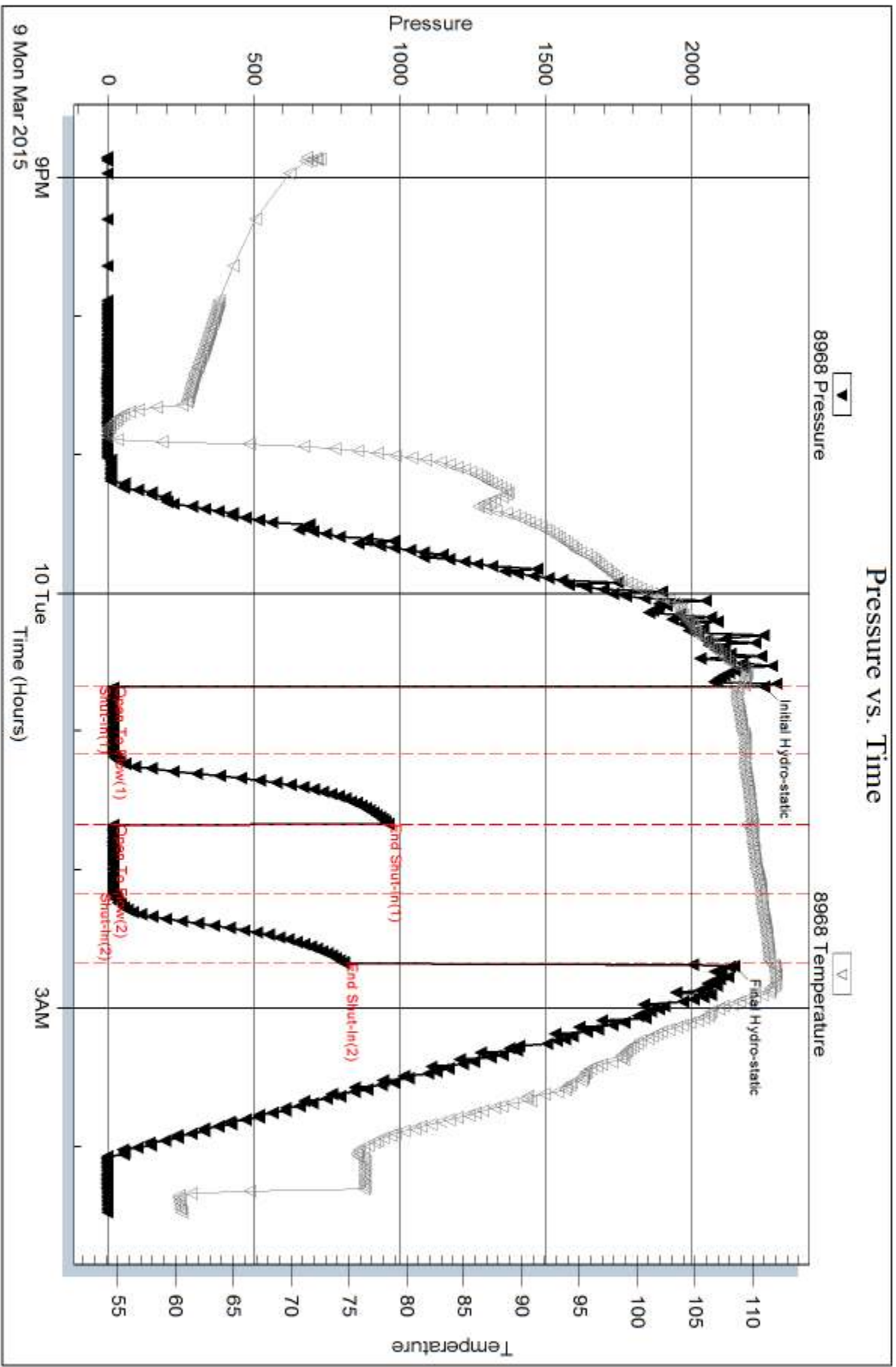
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



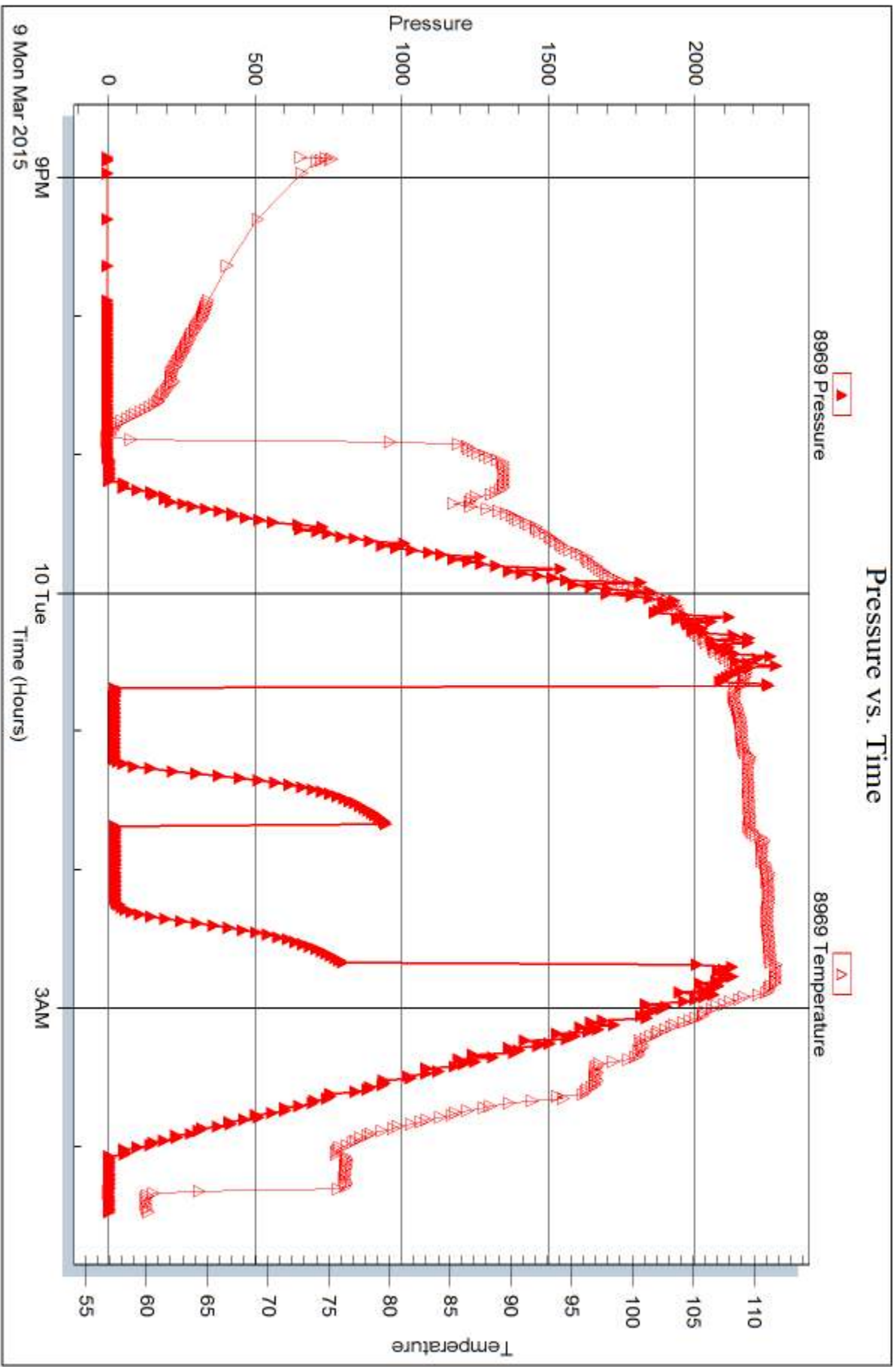
Serial #: 8969

Inside

American Warrior Inc.

OBrate-Finney #7.5

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 56599

Printed: 2015.03.16 @ 13:15:21



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd.
Garden City, KS 67846

ATTN: Kevin Timson

O'Brate-Finney #7-5

5-23s-32w-Finney,KS

Start Date: 2015.03.11 @ 03:56:00

End Date: 2015.03.11 @ 12:12:30

Job Ticket #: 56600 DST #: 2

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

Printed: 2015.03.16 @ 13:14:42



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
3118 Cummings Rd.
Garden City, KS 67846
ATTN: Kevin Timson

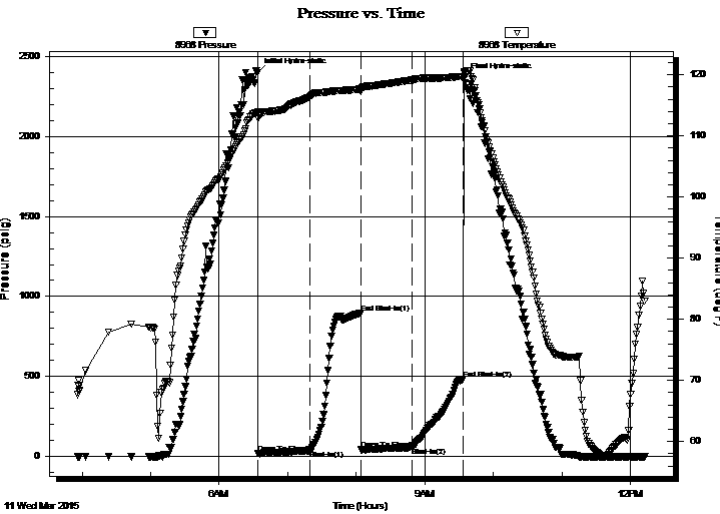
5-23s-32w-Finney,KS
O'Brate-Finney #7-5
Job Ticket: 56600 **DST#: 2**
Test Start: 2015.03.11 @ 03:56:00

GENERAL INFORMATION:

Formation: **St. Louis**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:34:00
Time Test Ended: 12:12:30
Test Type: Conventional Bottom Hole (Reset)
Tester: Cornelio Landa III
Unit No: 67
Interval: **4760.00 ft (KB) To 4780.00 ft (KB) (TVD)**
Reference Elevations: 2864.00 ft (KB)
Total Depth: 4780.00 ft (KB) (TVD)
2853.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good
KB to GR/CF: 11.00 ft

Serial #: 8968 **Outside**
Press@RunDepth: 55.60 psig @ 4762.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.03.11 End Date: 2015.03.11 Last Calib.: 2015.03.11
Start Time: 03:56:05 End Time: 12:12:29 Time On Btm: 2015.03.11 @ 06:33:45
Time Off Btm: 2015.03.11 @ 09:34:30

TEST COMMENT: IF: Strong surface blow built to BOB in 45 min.
IS: Bled off in 2 min.- Weak surface blow back built to 1 1/4"
FF: 2". Immediately-built to BOB in 3 min.
FS: Bled off in 2 min.-Weak surface blow back built to 7"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2398.35	113.91	Initial Hydro-static
1	17.85	112.92	Open To Flow (1)
46	35.40	116.44	Shut-In(1)
90	896.29	117.68	End Shut-In(1)
91	45.17	117.32	Open To Flow (2)
135	55.60	119.16	Shut-In(2)
180	481.80	119.74	End Shut-In(2)
181	2368.51	120.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mco & G 15m 35o 50g	0.42
94.00	Mcg & O 10m 15g 75o	1.32
0.00	GIP=909	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

3118 Cummings Rd.
Garden City, KS 67846

O'Brate-Finney #7-5

Job Ticket: 56600

DST#: 2

ATTN: Kevin Timson

Test Start: 2015.03.11 @ 03:56:00

Tool Information

Drill Pipe:	Length: 4740.00 ft	Diameter: 3.80 inches	Volume: 66.49 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: 26000.00 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: 66.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4760.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	47.00 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			4734.00	
Shut In Tool	5.00			4739.00	
Hydraulic tool	5.00			4744.00	
Jars	5.00			4749.00	
Safety Joint	2.00			4751.00	
Packer	5.00			4756.00	27.00 Bottom Of Top Packer
Packer	4.00			4760.00	
Stubb	1.00			4761.00	
Perforations	1.00			4762.00	
Recorder	0.00	8969	Inside	4762.00	
Recorder	0.00	8968	Outside	4762.00	
Perforations	15.00			4777.00	
Bullnose	3.00			4780.00	20.00 Bottom Packers & Anchor

Total Tool Length: 47.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

5-23s-32w-Finney,KS

3118 Cummings Rd.
Garden City, KS 67846

O'Brate-Finney #7-5

Job Ticket: 56600

DST#: 2

ATTN: Kevin Timson

Test Start: 2015.03.11 @ 03:56:00

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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mco & G 15m 35o 50g	0.421
94.00	Mcg & O 10m 15g 75o	1.319
0.00	GIP=909	0.000

Total Length: 124.00 ft

Total Volume: 1.740 bbl

Num Fluid Samples: 0

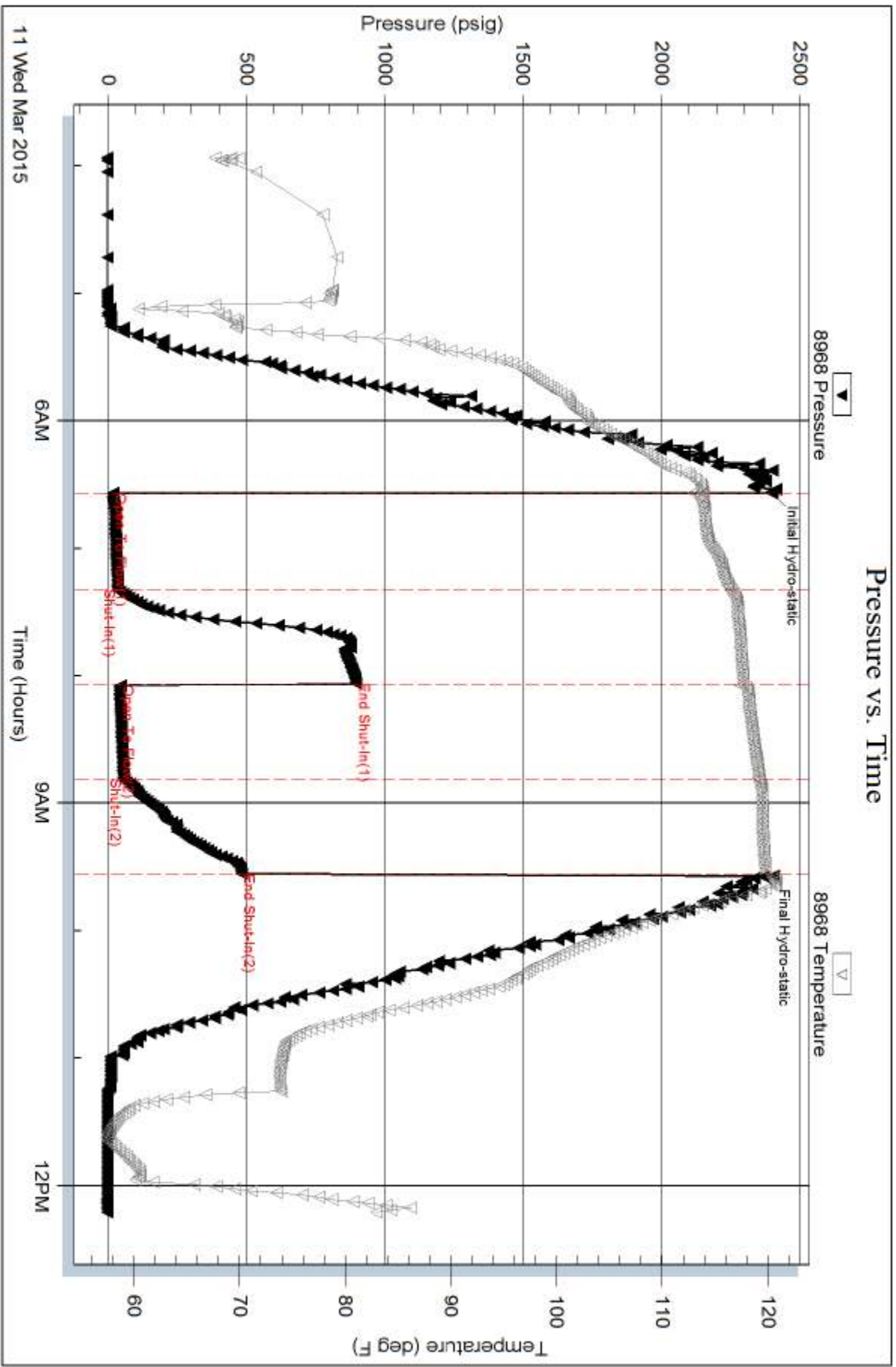
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



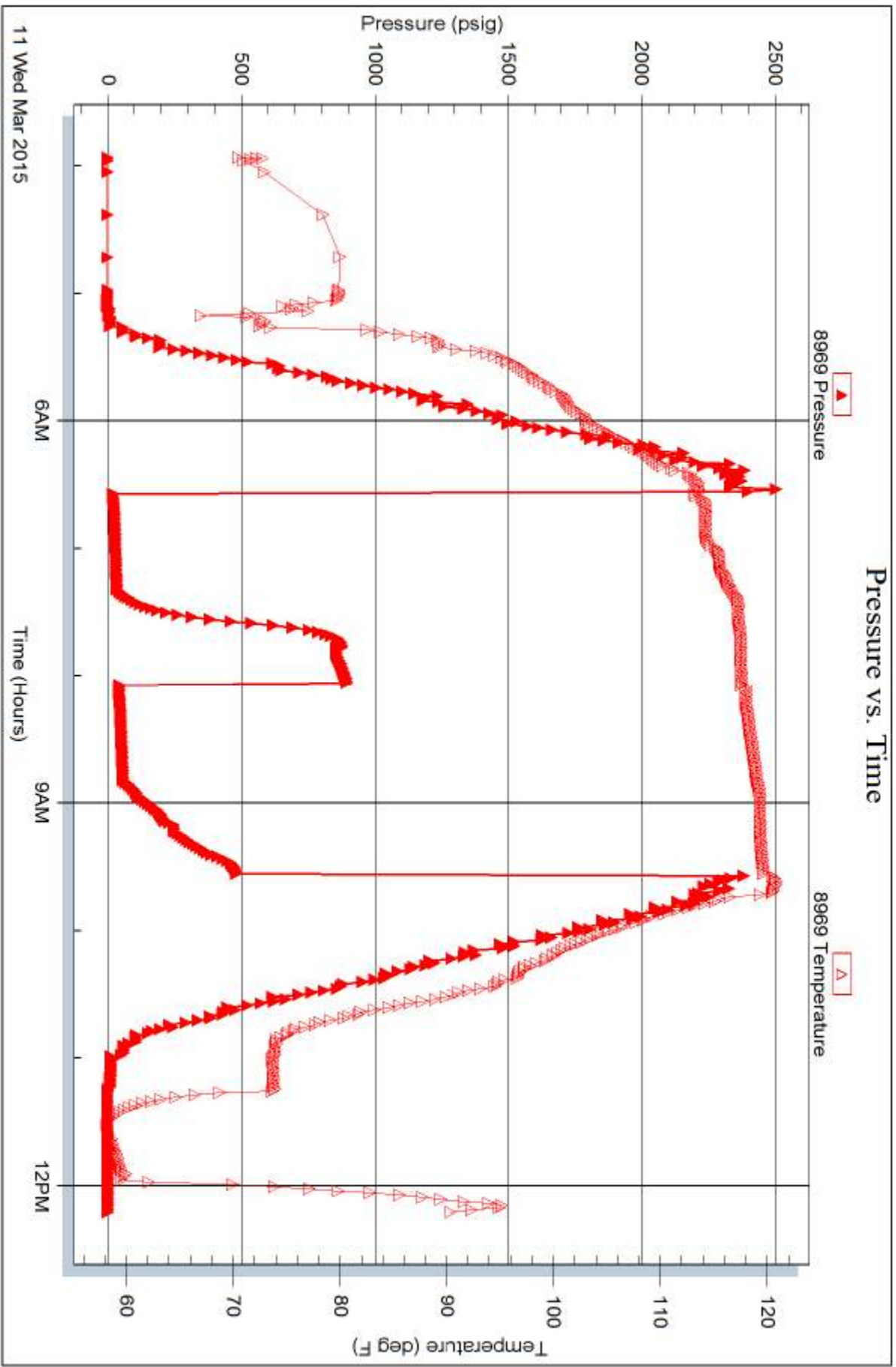
Serial #: 8969

Inside

American Warrior Inc.

OBrate-Finney #7.5

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 56600

Printed: 2015.03.16 @ 13:14:44



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56599

4/10

Well Name & No. O'Brak Finney # 7-5 Test No. 1 Date 3-9-15
 Company American Warrior Inc. Elevation 2864 KB 2853 GL
 Address 3118 Cummings Rd - Garden City, KS 67846
 Co. Rep / Geo. Kevin Tomson Rig Duke #10
 Location: Sec. 5 Twp. 23-S Rge. 32 Co. Finney State KS

Interval Tested 4445 - 4474 Zone Tested Pawnee
 Anchor Length 29' Drill Pipe Run 4425 Mud Wt. 9.4
 Top Packer Depth 4441 Drill Collars Run 0 Vis 53
 Bottom Packer Depth 4445 Wt. Pipe Run 0 WL 72
 Total Depth 4474 Chlorides 2100 ppm System LCM #4

Blow Description IF: Weak surface Blow
~~ISF: No Return~~
FF: No Blow
~~FSI: No Return~~

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>5</u>	Feet of <u>mud w/ traces 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 112 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2248 Test 1150 T-On Location 20:50
 (B) First Initial Flow 17 Jars 250 T-Started 20:51
 (C) First Final Flow 17 Safety Joint MC 75 T-Open 00:40
 (D) Initial Shut-In 959 Circ Sub — T-Pulled 02:40
 (E) Second Initial Flow 19 Hourly Standby — T-Out 04:28
 (F) Second Final Flow 19 Mileage 70 RT X 2 Comments —
 (G) Final Shut-In 809 Sampler 70+70
 (H) Final Hydrostatic 2147 Straddle — Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Extra Recorder — Sub Total 0
 Day Standby — Total 1615
 Accessibility — MP/DST Disc't —
 Sub Total 1615

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

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **56600**

Well Name & No. O'Brater-Finney #75 Test No. 2 Date 3-11-15
 Company American Warrior Inc. Elevation 2864 KB 2853 GL
 Address 3118 Cummings Rd - Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #10
 Location: Sec. 5 Twp. 23-S Rge. 32-W Co. Finney State KS

Interval Tested 4760' - 4780' Zone Tested St. Louis
 Anchor Length 20' Drill Pipe Run 4740' Mud Wt. 9.2
 Top Packer Depth 4756' Drill Collars Run Ø Vis 6.0
 Bottom Packer Depth 4760' Wt. Pipe Run Ø WL 7.6
 Total Depth 4780' Chlorides 2700 ppm System LCM 1/2

Blow Description IF: Strong surface blowback - Built to B.o.b. in 45 min.
ISF: Bled off in 2 min. - Weak surface blowback - Built to 1 1/4" Blowback
FF: 2 in. Immediately - Built to B.o.b. in 3 min.
FSF: Bled off in 2 min. - Weak surface blowback - Built to 7 in. of Blowback

Rec	Feet of	%gas	%oil	%water	%mud
30	MCO + G	50	35		15
94	MCG + O	15	75		10
	909 GIP				

Rec Total 124' BHT 170 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2398</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>03:56</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>03:56</u>
(C) First Final Flow <u>35</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>06:34</u>
(D) Initial Shut-In <u>896</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>09:34</u>
(E) Second Initial Flow <u>45</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>12:12</u>
(F) Second Final Flow <u>56</u>	<input checked="" type="checkbox"/> Mileage <u>70</u>	Comments _____
(G) Final Shut-In <u>482</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2369</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1545</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1545</u>	

Approved By [Signature] Our Representative [Signature]

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Geological Report

American Warrior, Inc.

O'Brate-Finney #7-5

952' FSL & 744' FWL

Sec. 5, T23s, R32w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Finney #7-5
952' FSL & 744' FWL
Sec. 5, T23s, R32w
Finney County, Kansas
API # 15-055-22393-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: March 3, 2015

Completion Date: March 12, 2015

Elevation 2853' G.L.
2864' K.B.

Directions: From Garden City, KS, go North on Hwy 83 5 miles to Six Mile Rd. Go East one mile to Third St. Go North 3/4 mile and East by tank batteries. North into location.

Casing: 1766' 8 5/8" #24 Surface Casing
4877' 5 1/2" #15.5 Production Casing

Samples: 4200' to RTD 10' Wet & Dry

Drilling Time: 3750' to RTD

Electric Logs: Pioneer Energy Services "D. Kerr"
Stack-Mirco

Drillstem Tests: Two-Trilobite Testing "Corndog"

Problems: Rig got stuck for day and a half. Shut in tool was messed up on DST #2.

Formation Tops
O'Brate-Finney #7-5
Sec. 5, T23s, R32w
952' FSL & 744' FWL

Anhydrite	1916' +948
Base	1982' +882
Heebner	3835' -971
Lansing	3883' -1019
Stark	4213' -1349
BKc	4350' -1486
Marmaton	4379' -1515
Pawnee	4452' -1588
Fort Scott	4477' -1613
Cherokee	4494' -1630
Morrow	4663' -1799
Miss	4687' -1823
RTD	4900' -2036
LTD	4898' -2034

Sample Zone Descriptions

St. Louis **(4772', -1913):** **Covered in DST #2**

Ls. Tan. Sub crystalline. Fair to good oomoldic and oolycastic porosity. Fair stain and fair saturation in porosity. Show of free oil when broken. Fair odor. 80 Unit kick.

Drill Stem Tests
Trilobite Testing
“Cornellio Landa”

DST #1

Pawnee

Interval (4445' - 4474') Anchor Length 29'

IHP -2248 #

IFP - 30" – WSB 17-17 #

ISI - 30" – No Return 959 #

FFP - 30" – No blow 19-19 #

FSIP - 30" - No return 809 #

FHP - 2147 #

BHT - 112° F

Recovery: 5' Mud with trace oil

DST #2

St. Louis

Interval (4760' - 4780') Anchor Length 20'

IHP - 2398 #

IFP -45" - WSB built to BOB in 45 min 18-35 #

ISI -45" - WSB built to 1.25" 896 #

FFP - 45" - BOB in 3 min 45-56 #

FSIP - 45" - 7" return 482 #

FHP - 2369 #

BHT - 120° F

Recovery: 30' MCO & G (35% Oil)

94' MCG & O (75% Oil)

909' GIP

Structural Comparison

	American Warrior, Inc. O'Brate-Finney #7-5 Sec. 5, T23s, R32w 952' FSL & 744' FWL		American Warrior, Inc. O'Brate-Finney #4-5 Sec. 5, T23s, R32w 2662' FSL & 941' FWL		American Warrior, Inc. O'Brate-Finney #1-5 Sec. 5, T23s, R32w 742' FSL & 2310' FWL
Formation					
Heebner	3835' -971	+13	3846' -984	-2	3829' -969
Lansing	3883' -1019	+13	3894' -1032	-2	3877' -1017
Stark	4213' -1349	+13	4224' -1362	-3	4212' -1352
BKC	4350' -1486	+16	4364' -1502	-4	4350' -1490
Marmaton	4379' -1515	+11	4388' -1526	FL	4375' -1515
Pawnee	4452' -1588	+15	4465' -1603	+1	4449' -1589
Fort Scott	4477' -1613	+15	4490' -1628	-1	4472' -1612
Cherokee	4494' -1630	+16	4508' -1646	+1	4491' -1631
Morrow	4663' -1799	+13	4674' -1812	-1	4658' -1798
Miss	4687' -1823	+26	4712' -1849	-6	4677' -1817

Summary

The location for the O'Brate-Finney #7-5 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, one of which did recover commercial quantities of oil from the St. Louis Limestone formation. After all the gathered data had been examined, the decision was made to run 5 1/2" production casing to further evaluate the O'Brate-Finney #7-5 well.

Perforations

Primary	St. Louis	(4768' - 4776')
Before Abandonment	Pawnee	(4461' - 4464')
	Lansing 'L'	(4320' - 4326')

