



KANSAS CORPORATION COMMISSION 1095054  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 4058  
Name: American Warrior, Inc.  
Address 1: 3118 Cummings Rd  
Address 2: PO BOX 399  
City: GARDEN CITY State: KS Zip: 67846 +  
Contact Person: Scott Corsair  
Phone: ( 785 ) 398-2270  
CONTRACTOR: License # 33323  
Name: Petromark Drilling, LLC  
Wellsite Geologist: Jason Alm  
Purchaser: NCRA

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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  
05/23/2012    06/01/2012    08/08/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-135-25343-00-00  
Spot Description: \_\_\_\_\_  
SW SW NE NE Sec. 26 Twp. 19 S. R. 22  East  West  
1070 Feet from  North /  South Line of Section  
1300 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Ness  
Lease Name: Lent Well #: 4  
Field Name: Schaben  
Producing Formation: Mississippian  
Elevation: Ground: 2265 Kelly Bushing: 2271  
Total Depth: 4410 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 223 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1473 Feet  
If Alternate II completion, cement circulated from: 1473  
feet depth to: 0 w/ 120 sx cml.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)  
Chloride content: 25000 ppm Fluid volume: 160 bbls  
Dewatering method used: Evaporated  
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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NAOMI JAMES Date: 09/28/2012



1095054

Operator Name: American Warrior, Inc. Lease Name: Lent Well #: 4  
 Sec. 26 Twp. 19 S. R. 22  East  West County: Ness

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Dual Receiver Cement Bond				

CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	223	Common	150	3% CC, 2% Gel
Production	7.875	5.5	15.5	4407	EA-2	175	1/4# Flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1473	SMD	120	1/4# Flocele
	-			

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
4	4403-4407		

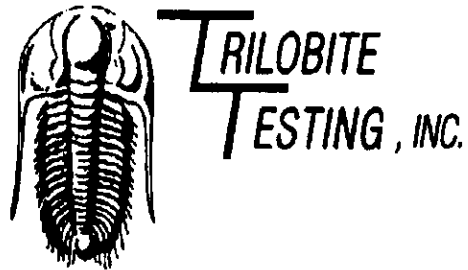
TUBING RECORD: Size: <u>2.375</u> Set At: <u>4486</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>08/08/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>7</u>	Gas Mcf	Water Bbls. <u>195</u>
			Gas-Oil Ratio <u>40</u>

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 checked="" type="checkbox"/> Open Hole <input checked="" 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: <u>4403-4407</u> <u>4407-4410 OH</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Lent 4
Doc ID	1095054

Tops

Anhydrite	1500	771
Heebner	3732	-1461
Lansing	3778	-1507
Base Kansas City	4125	-1854
Pawnee	4210	-1939
Ft. Scott	4286	-2015
Cherokee	4306	-2035
Mississippian	4374	-2103
TD	4410	-2139



## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399  
Garden City KS 67846

ATTN: Jason Alm

### **Lent #4**

### **26-19s-22w Ness,KS**

Start Date: 2012.05.31 @ 01:20:30

End Date: 2012.05.31 @ 07:46:00

Job Ticket #: 47118                      DST #: 1

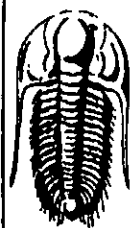
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.06.01 @ 14:48:07

American Warrior Inc. 26-19s-22w Ness,KS Lent #4 DST # 1 Miss. 2012.06.31



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

American Warrior Inc.  
PO Box 399  
Garden City KS 67846  
ATTN: Jason Alm

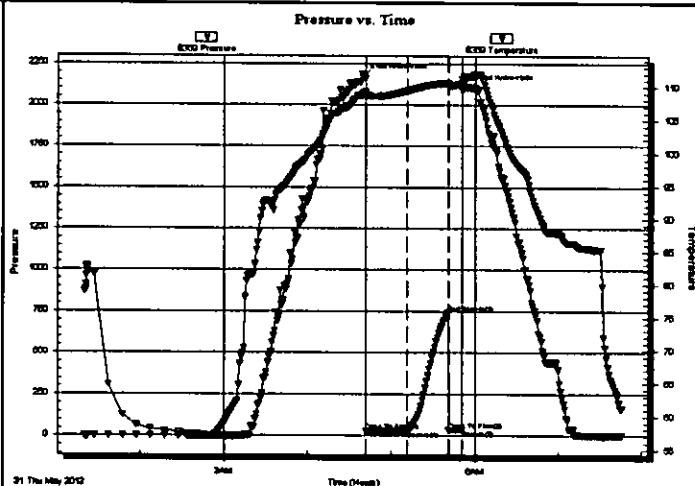
**26-19s-22w Ness,KS**  
**Lent #4**  
Job Ticket: 47118      **DST#: 1**  
Test Start: 2012.05.31 @ 01:20:30

### GENERAL INFORMATION:

Formation: **Miss.**  
Deviated: **No** Whipstock:                      ft (KB)      Test Type: **Conventional Bottom Hole (Initial)**  
Time Tool Opened: 04:41:30      Tester: **Brett Dickinson**  
Time Test Ended: 07:46:00      Unit No: **59**  
  
Interval: **4334.00 ft (KB) To 4403.00 ft (KB) (TVD)**      Reference Elevations:      2271.00 ft (KB)  
Total Depth: **4403.00 ft (KB) (TVD)**      2265.00 ft (CF)  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**      KB to GR/CF:      6.00 ft

**Serial #: 8369**      **Inside**  
Press@RunDepth:      33.14 psig @      4335.00 ft (KB)      Capacity:      8000.00 psig  
Start Date:      2012.05.31      End Date:      2012.05.31      Last Calib.:      2012.05.31  
Start Time:      01:20:35      End Time:      07:45:59      Time On Btrr:      2012.05.31 @ 04:39:30  
Time Off Btrr:      2012.05.31 @ 05:56:30

TEST COMMENT: IF-1/2" blow  
ISI-No blow  
FF-No blow



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2171.42	109.04	Initial Hydro-static
2	28.87	108.79	Open To Flow (1)
32	33.14	109.46	Shut-In(1)
61	742.87	110.64	End Shut-In(1)
62	36.60	110.39	Open To Flow (2)
71	37.49	110.54	Shut-In(2)
77	2103.21	111.65	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
20.00	VSOOM	0.10

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

American Warrior Inc.  
PO Box 399  
Garden City KS 67846  
  
ATTN: Jason Alm

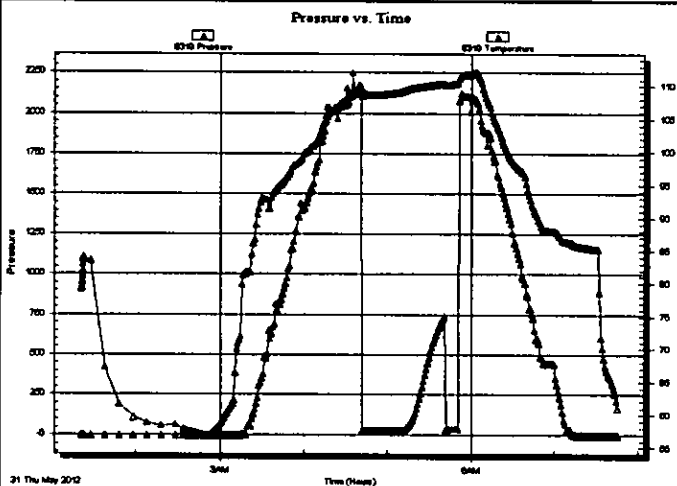
**26-19s-22w Ness, KS**  
  
**Lent #4**  
Job Ticket: 47118 **DST#: 1**  
Test Start: 2012.05.31 @ 01:20:30

**GENERAL INFORMATION:**

Formation: **Miss.**  
Deviated: **No** Whipstock: **ft (KB)**  
Time Tool Opened: **04:41:30**  
Time Test Ended: **07:46:00**  
  
Interval: **4334.00 ft (KB) To 4403.00 ft (KB) (TVD)**  
Total Depth: **4403.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
  
Test Type: **Conventional Bottom Hole (Initial)**  
Tester: **Brett Dickinson**  
Unit No: **59**  
  
Reference Elevations: **2271.00 ft (KB)**  
**2265.00 ft (CF)**  
**KB to GR/CF: 6.00 ft**

**Serial #: 8319** **Outside**  
Press@RunDepth: **psig @ 4335.00 ft (KB)**  
Start Date: **2012.05.31** End Date: **2012.05.31**  
Start Time: **01:21:05** End Time: **07:45:59**  
  
Capacity: **8000.00 psig**  
Last Calib.: **2012.05.31**  
Time On Btm:   
Time Off Btm:

TEST COMMENT: **IF-1/2" blow**  
**IS-No blow**  
**FF-No blow**



**PRESSURE SUMMARY**

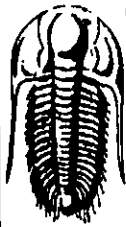
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

**Recovery**

Length (ft)	Description	Volume (bbl)
20.00	VSOCM	0.10

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc.  
PO Box 399  
Garden City KS 67846  
ATTN: Jason Alm

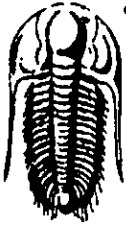
**26-19s-22w Ness,KS**  
**Lent #4**  
Job Ticket: 47118      **DST#: 1**  
Test Start: 2012.05.31 @ 01:20:30

### Tool Information

Drill Pipe:	Length: 4197.00 ft	Diameter: 3.80 inches	Volume: 58.87 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 59.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4334.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	69.00 ft			
Tool Length:	97.00 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			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	28.00      Bottom Of Top Packer
Packer	5.00			4334.00	
Stubb	1.00			4335.00	
Recorder	0.00	8369	Inside	4335.00	
Recorder	0.00	8319	Outside	4335.00	
Perforations	7.00			4342.00	
Change Over Sub	1.00			4343.00	
Drill Pipe	32.00			4375.00	
Change Over Sub	1.00			4376.00	
Perforations	24.00			4400.00	
Bullnose	3.00			4403.00	69.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>97.00</b>				



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc.  
PO Box 399  
Garden City KS 67846  
ATTN: Jason Alm

**26-19s-22w Ness,KS**  
**Lent #4**  
Job Ticket: 47118      **DST#: 1**  
Test Start: 2012.05.31 @ 01:20:30

**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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.38 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6400.00 ppm			
Filter Cake: inches			

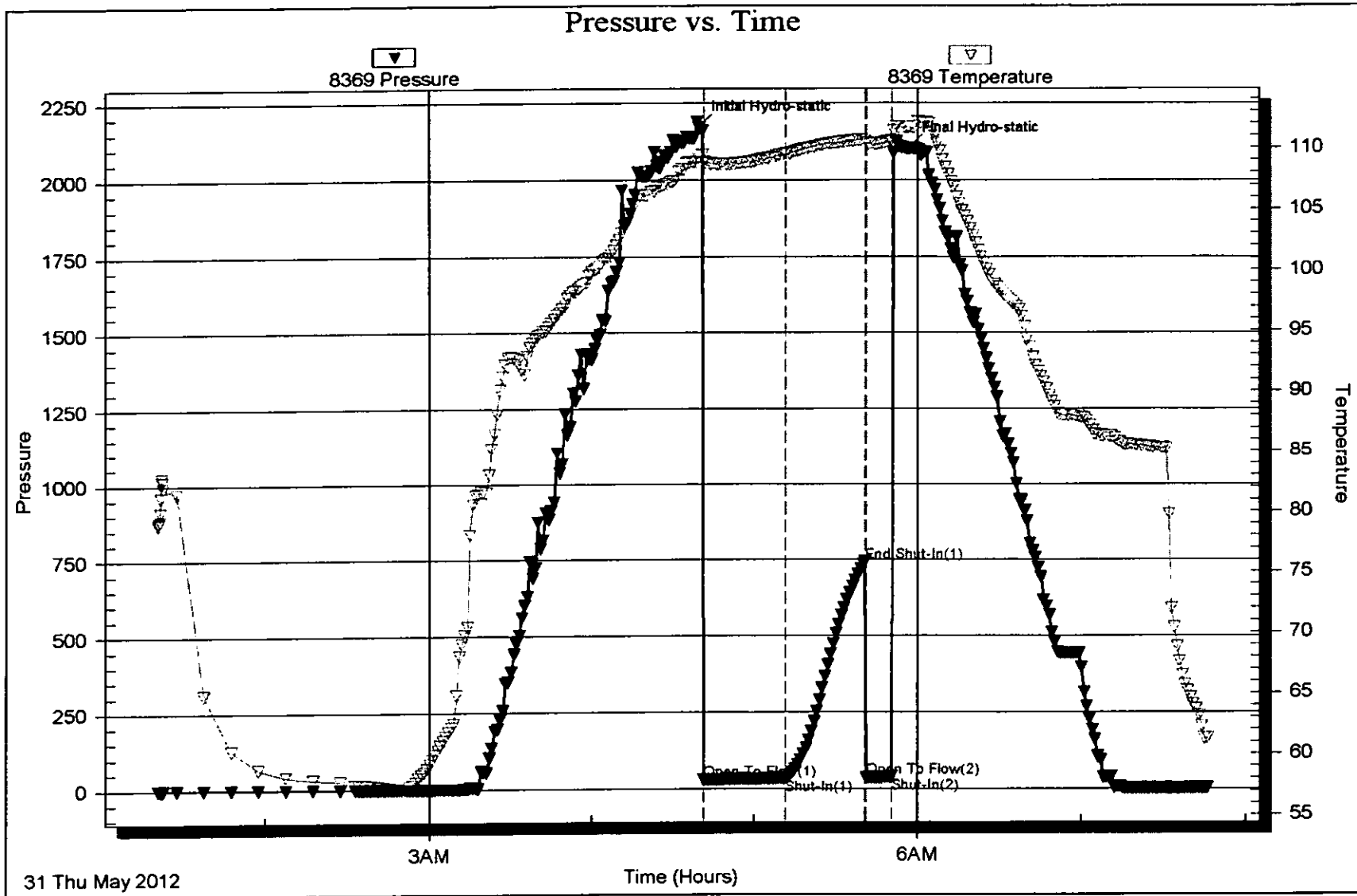
**Recovery Information**

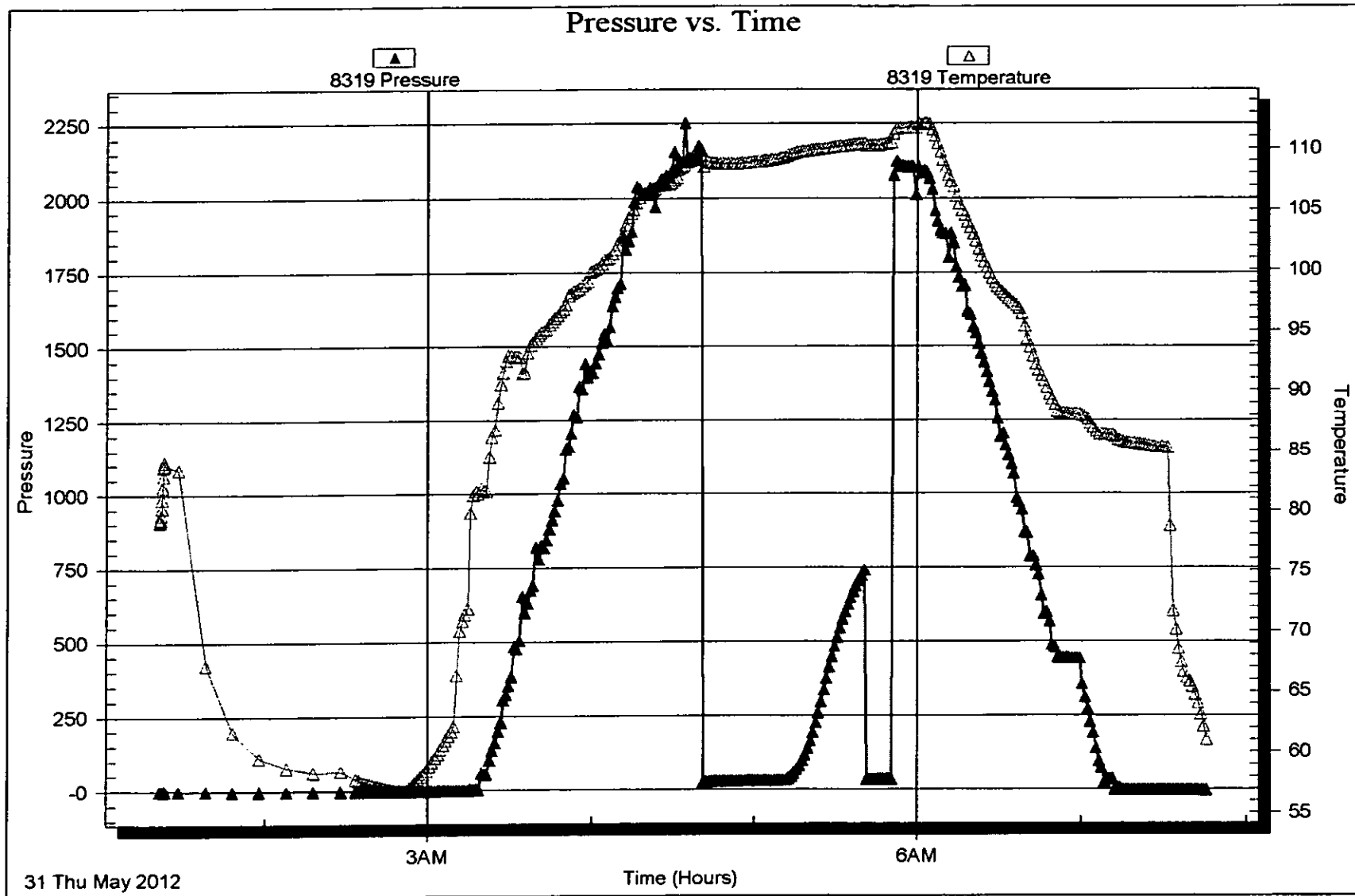
Recovery Table

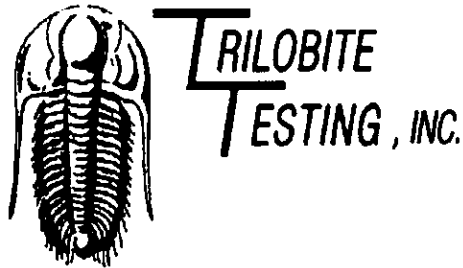
Length ft	Description	Volume bbl
20.00	VSOCM	0.098

Total Length: 20.00 ft      Total Volume: 0.098 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: Jason Alm

### Lent #4

#### 26-19s-22w Ness,KS

Start Date: 2012.05.31 @ 13:20:30

End Date: 2012.05.31 @ 21:19:30

Job Ticket #: 47119                      DST #: 2

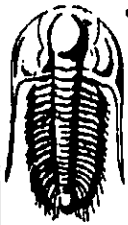
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.06.01 @ 14:47:14

American Warrior Inc. 26-19s-22w Ness,KS Lent #4 DST # 2 Miss. 2012.05.31



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

American Warrior Inc.  
PO Box 399  
Garden City KS 67846  
ATTN: Jason Alm

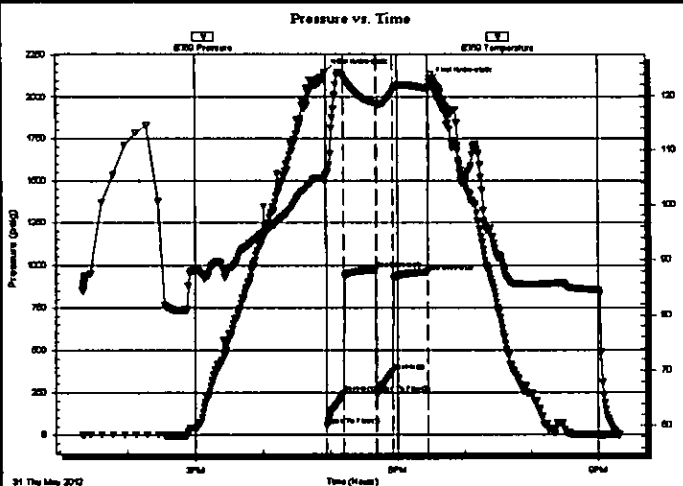
**26-19s-22w Ness,KS**  
**Lent #4**  
Job Ticket: 47119      **DST#: 2**  
Test Start: 2012.05.31 @ 13:20:30

### GENERAL INFORMATION:

Formation: **Miss.**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 16:57:00  
Time Test Ended: 21:19:30  
Interval: **4333.00 ft (KB) To 4408.00 ft (KB) (TVD)**  
Total Depth: **4408.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
Test Type: **Conventional Bottom Hole (Reset)**  
Tester: **Brett Dickinson**  
Unit No: **59**  
Reference Elevations: **2271.00 ft (KB)**  
**2265.00 ft (CF)**  
KB to GR/CF: **6.00 ft**

**Serial #: 8369**      **Inside**  
Press@RunDepth: **373.92 psig @ 4334.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2012.05.31**      End Date: **2012.05.31**      Last Calib.: **2012.05.31**  
Start Time: **13:20:35**      End Time: **21:19:29**      Time On Btm: **2012.05.31 @ 16:55:30**  
Time Off Btm: **2012.05.31 @ 18:30:00**

**TEST COMMENT:** IF-BOB in 5.5 min  
IS-No blow  
FF-BOB in 7.5 min  
FS-No blow



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2148.47	105.07	Initial Hydro-static
2	57.01	105.44	Open To Flow (1)
17	246.95	123.31	Shut-In(1)
46	975.35	118.77	End Shut-In(1)
46	248.61	118.46	Open To Flow (2)
61	373.92	120.64	Shut-In(2)
92	962.40	121.37	End Shut-In(2)
95	2098.29	123.84	Final Hydro-static

### Recovery

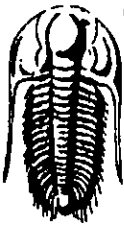
Length (ft)	Description	Volume (bbl)
180.00	SOCW 10%O 90%W	1.41
180.00	GSOWCM 10%G 10%O 30%W 50%M	2.52
120.00	GSOWCM 10%G 10%O 15%W 65%M	1.68
120.00	GVSOWCM 10%G 10%O 5%W 75%M	1.68
150.00	VSOCM 5%O 95%M	2.10

\* 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.  
PO Box 399  
Garden City KS 67846  
ATTN: Jason Alm

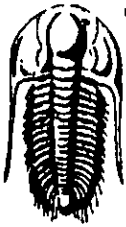
**26-19s-22w Ness,KS**  
**Lent #4**  
Job Ticket: 47119      **DST#: 2**  
Test Start: 2012.05.31 @ 13:20:30

**Tool Information**

Drill Pipe:	Length: 4197.00 ft	Diameter: 3.80 inches	Volume: 58.87 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 59.47 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4333.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	103.00 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			4306.00	
Shut In Tool	5.00			4311.00	
Hydraulic tool	5.00			4316.00	
Jars	5.00			4321.00	
Safety Joint	2.00			4323.00	
Packer	5.00			4328.00	28.00 Bottom Of Top Packer
Packer	5.00			4333.00	
Stubb	1.00			4334.00	
Recorder	0.00	8369	inside	4334.00	
Recorder	0.00	8319	Outside	4334.00	
Perforations	6.00			4340.00	
Change Over Sub	1.00			4341.00	
Drill Pipe	63.00			4404.00	
Change Over Sub	1.00			4405.00	
Bullnose	3.00			4408.00	75.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>103.00</b>				



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc.

**26-19s-22w Ness,KS**

PO Box 399  
Garden City KS 67846

**Lent #4**

Job Ticket: 47119

**DST#: 2**

ATTN: Jason Alm

Test Start: 2012.05.31 @ 13:20:30

**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:

32000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
180.00	SOCW 10%O 90%W	1.414
180.00	GSOWCM 10%G 10%O 30%W 50%M	2.525
120.00	GSOWCM 10%G 10%O 15%W 65%M	1.683
120.00	GVSOWCM 10%G 10%O 5%W 75%M	1.683
150.00	VSOCM 5%O 95%M	2.104

Total Length: 750.00 ft      Total Volume: 9.409 bbl

Num Fluid Samples: 0

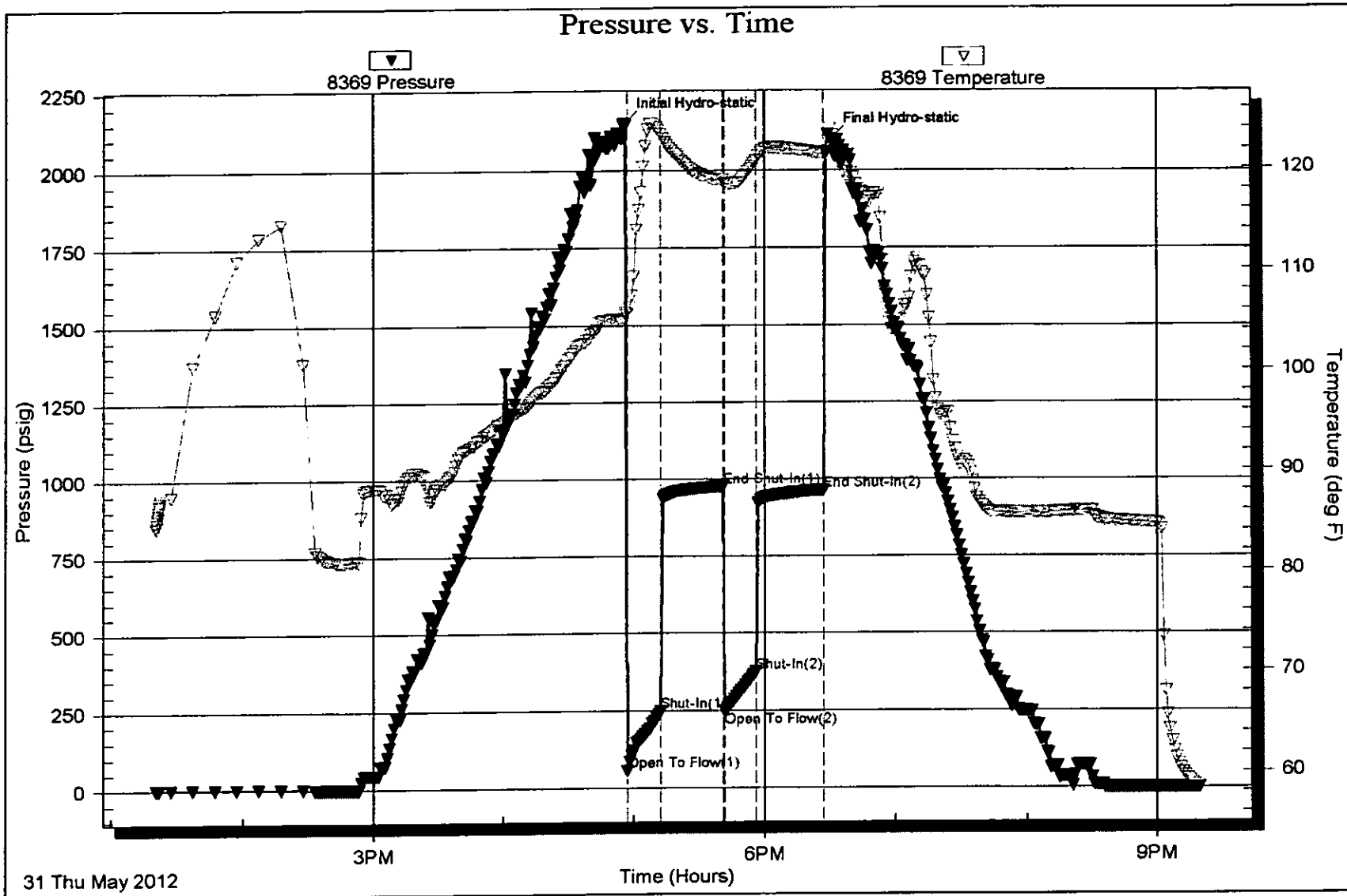
Num Gas Bombs: 0

Serial #:

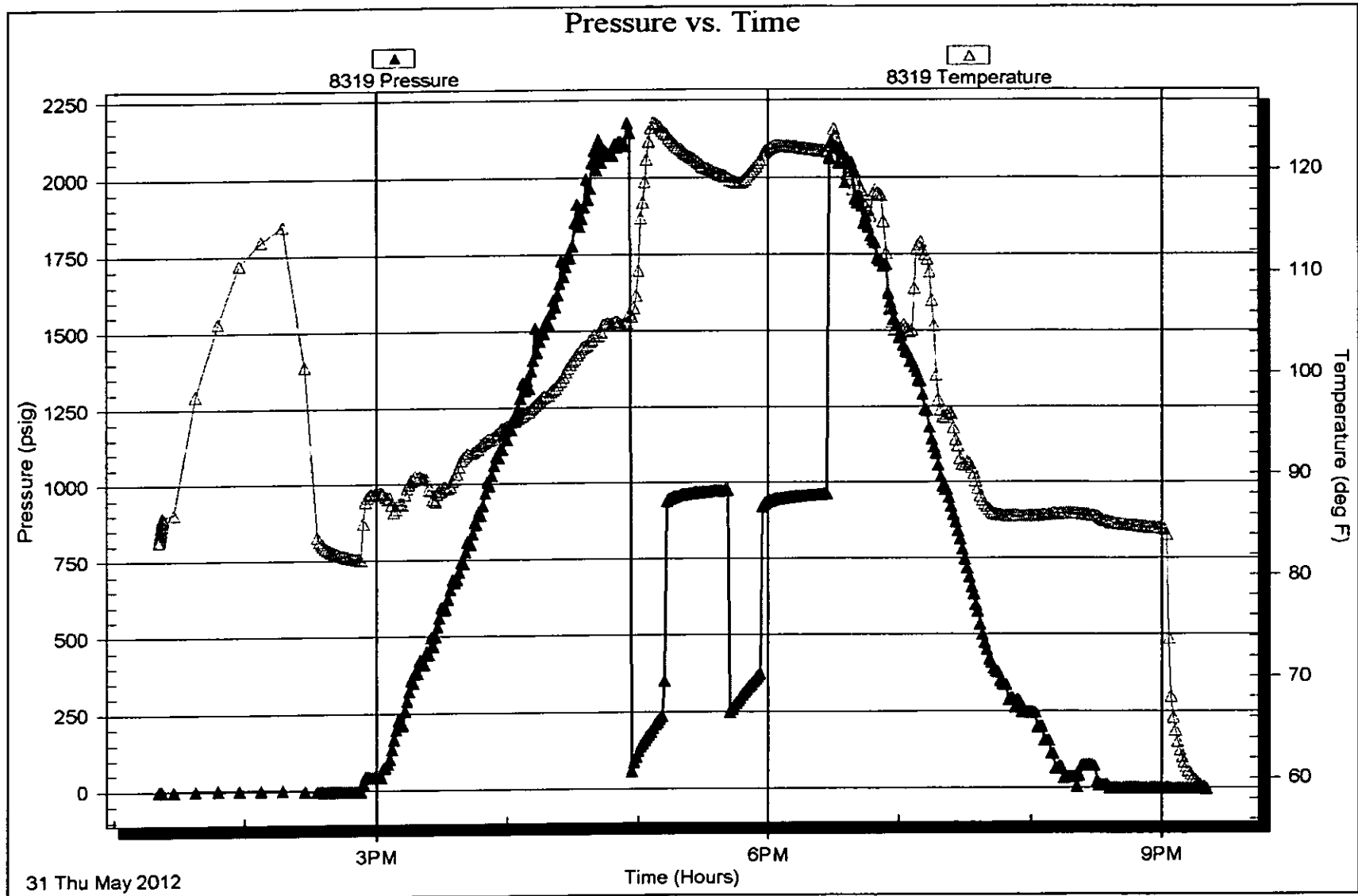
Laboratory Name:

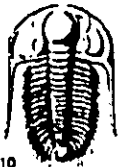
Laboratory Location:

Recovery Comments:









# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47118

Well Name & No. Lent #4 Test No. 1 Date 5/31/12  
 Company American Warrior, Inc. Elevation 2271 KB 2265 GL  
 Address PO Box 399 Garden City KS 67846  
 Co. Rep / Geo. Jason Alm Rig Petromark #1  
 Location: Sec. 26 Twp. 19s Rge. 22w Co. Ness State KS

Interval Tested 4334 - 4403 Zone Tested Miss  
 Anchor Length 69 Drill Pipe Run 4197 Mud Wt. 9.3  
 Top Packer Depth 4329 Drill Collars Run 122 Vis 48  
 Bottom Packer Depth 4334 Wt. Pipe Run \_\_\_\_\_ WL 8.4  
 Total Depth 4403 Chlorides 6,400 ppm System LCM \_\_\_\_\_  
 Blow Description IF - 1/2 in b6w  
452 - No blow  
IF - No blow

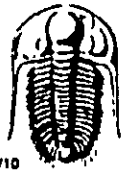
Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>KSOCM</u>		<u>5</u>		<u>93</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Rec Total 20 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2,171</u>	<input checked="" type="checkbox"/> Test _____	T-On Location <u>1:35</u>
(B) First Initial Flow <u>29</u>	<input checked="" type="checkbox"/> Jars 250 _____	T-Started <u>1:20</u>
(C) First Final Flow <u>33</u>	<input checked="" type="checkbox"/> Safety Joint 75 _____	T-Open <u>7:45</u>
(D) Initial Shut-In <u>743</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>5:55</u>
(E) Second Initial Flow <u>37</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>7:45</u>
(F) Second Final Flow _____	<input checked="" type="checkbox"/> Mileage <u>5782</u> 176.70	Comments _____
(G) Final Shut-In <u>7</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2,103</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1751.70</u>
Final Shut-In _____	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1751.70</u>	

Approved By \_\_\_\_\_ Our Representative [Signature]

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



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47119

Well Name & No. Leat #4 Test No. 2 Date 5/31/12  
 Company American Warrior, Inc Elevation 227' KB 2265- GL  
 Address PO Box 399 Garden City, KS 67846  
 Co. Rep / Geo. Jasen Alm Rig Petromark #1  
 Location: Sec. 26 Twp. 19s Rge. 22w Co. N 55 State KS

Interval Tested 4333 - 4408 Zone Tested Migs  
 Anchor Length 75 Drill Pipe Run 4197 Mud Wt. 9.3  
 Top Packer Depth 4328 Drill Collars Run 122 Vis 48  
 Bottom Packer Depth 4333 Wt. Pipe Run --- WL 8.4  
 Total Depth 4408 Chlorides 6,400 ppm System LCM

Blow Description FF - BOB in 3 1/2 min -  
FSF - No blow  
FF - BOB in 7 1/2 min  
FSF - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>SOCLW</u>	<u>10</u>	<u>90</u>	<u>---</u>	<u>---</u>
<u>180</u>	<u>650 WCM</u>	<u>10</u>	<u>30</u>	<u>50</u>	<u>---</u>
<u>120</u>	<u>650 WCM</u>	<u>10</u>	<u>15</u>	<u>65</u>	<u>---</u>
<u>120</u>	<u>6 BS WOCM</u>	<u>10</u>	<u>5</u>	<u>75</u>	<u>---</u>
<u>150</u>	<u>VSOCM</u>	<u>5</u>	<u>---</u>	<u>95</u>	<u>---</u>

Rec Total 750 BHT 1218 Gravity --- API RW .22 @ 70 °F Chlorides 92,000 ppm

(A) Initial Hydrostatic <u>2,148</u>	<input checked="" type="checkbox"/> Test	T-On Location <u>12:30</u>
(B) First Initial Flow <u>57</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>13:20</u>
(C) First Final Flow <u>247</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>16:55</u>
(D) Initial Shut-In <u>975</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>18:25</u>
(E) Second Initial Flow <u>249</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:25</u>
(F) Second Final Flow <u>374</u>	<input checked="" type="checkbox"/> Mileage <u>57x2</u> 176.70	Comments _____
(G) Final Shut-In <u>962</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic <u>2,098</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	Sub Total <u>0</u>
Final Flow <u>15</u>	<input type="checkbox"/> Extra Recorder	Total <u>1751.70</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility	
	Sub Total <u>1751.70</u>	

Approved By \_\_\_\_\_ Our Representative [Signature]

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

# **Geological Report**

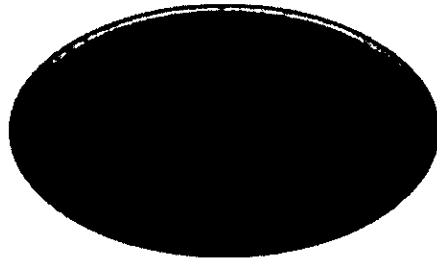
American Warrior, Inc.

**Lent #4**

1070' FNL & 1300' FEL

Sec. 26 T19s R22w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Lent #4  
1070' FNL & 1300' FEL  
Sec. 26 T19s R22w  
Ness County, Kansas  
API # 15-135-25343-0000

Drilling Contractor: Petromark Drilling, LLC. Rig #1

Geologist: Jason T Alm

Spud Date: May 23, 2012

Completion Date: June 1, 2012

Elevation: 2265' Ground Level  
2271' Kelly Bushing

Directions: Bazine KS, intersection of Hwy 96 and Austin St. 5  
mi. South to 80 Rd. West 1 mi. to CC Rd. South ¼  
mi. West into location.

Casing: 223' 8 5/8" surface casing  
4400' 5 1/2" production casing

Samples: 10' wet and dry, 3600' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: Two, Trilobite Testing, Inc. "Brett Dickinson"

Problems: Casing tagged bottom 8 ft. short of RTD.

Remarks: Sample tops will be incorrect due to rig being deep  
of casing tally.

## Formation Tops

Formation	American Warrior, Inc. Lent #4 Sec. 26 T19s R22w 1070' FNL & 1300' FEL
Anhydrite	1500', +771
Base	1536', +735
Heebner	3732', -1461
Lansing	3778', -1507
BKc	4125', -1854
Pawnee	4210', -1939
Fort Scott	4286', -2015
Cherokee	4306', -2035
Mississippian	4374', -2103
Osage	4403', -2132
RTD	4408', -2137
Corrected RTD	4400', -2129

## Sample Zone Descriptions

- Miss. Warsaw** (4374', -2103): **Covered in DST #1**  
 Dolo – Fine sucrosic crystalline with poor inter-crystalline and fair vuggy porosity, light to good oil stain in porosity, show of free oil, fair odor, fair cut fluorescents, 25-65 units hotwire.
- Miss. Osage** (4303', -2132): **Covered in DST #2**  
 Dolo – Δ – Fine sucrosic crystalline with poor to fair inter-crystalline porosity, heavy triptolitic chert, weathered with poor to good vuggy porosity, light to fair oil stain in porosity, show of free oil, good odor, good cut fluorescents, 40 units hotwire.

**Drill Stem Tests**  
 Trilobite Testing, Inc.  
 "Brett Dickinson"

**DST #1**

**Mississippian Warsaw**

Interval (4334' - 4403') Anchor Length 69'

IHP	- 2171 #	
IFP	- 30" - Built to 1/2 in.	28-33 #
ISI	- 30" - Dead	743 #
FFP	- 10" - Dead	36-37 #
FHP	- 2103 #	
BHT	- 111°F	

Recovery: 20' VSOCM 5% Oil

**DST #2**

**Mississippian Osage**

Interval (4333' - 4408') Anchor Length 75'

IHP	- 2148 #	
IFP	- 15" - B.O.B. 5 1/2 in.	57-247 #
ISI	- 30" - Dead	975 #
FFP	- 15" - B.O.B. 7 1/2 in.	248-374 #
FSI	- 30" - Dead	962 #
FHP	- 2098 #	
BHT	- 123°F	

Recovery:	150' VSOCM	5% Oil
	120' GVSOCM	10% Oil, 5% Water
	120' GSOWCM	10% Oil, 15% Water
	180' GSOWCM	10% Oil, 30% Water
	180' SOCW	10% Oil, 90% Water

## Structural Comparison

	American Warrior, Inc. Lent #4 Sec. 26 T19s R22w 1070' FNL & 1300' FEL	American Warrior, Inc. Lent #3 Sec. 26 T19s R22w 1050' FNL & 1050' FEL		Sinclair Oil & Gas Robert B. Lent Sec. 26 T19s R22w 660' FNL & 510' FEL	
<b>Formation</b>					
Anhydrite	1500', +771	1500', +769	(+2)	NA	NA
Base	1536', +735	NA	NA	NA	NA
Heebner	3732', -1461	3730', -1461	FL	3725', -1459	(-2)
Lansing	3778', -1507	3776', -1507	FL	3774', -1508	(+1)
BKc	4125', -1854	NA	NA	NA	NA
Pawnee	4210', -1939	NA	NA	NA	NA
Fort Scott	4286', -2015	4282', -2013	(-2)	NA	NA
Cherokee	4306', -2035	4301', -2032	(-3)	NA	NA
Mississippian	4374', -2103	NA	NA	4381', -2115	(+12)
Osage	4403', -2132	4391', -2122	(-10)	NA	NA

### Summary

The location for the Lent #4 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two Drill Stem Tests were conducted one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Lent #4 well.

### Recommended Perforations

**Primary:**  
     Mississippian Osage:           (4395' – 4397')           DST #2

**Before Abandonment:**  
     Mississippian Warsaw:       (4368' – 4390')           DST #1

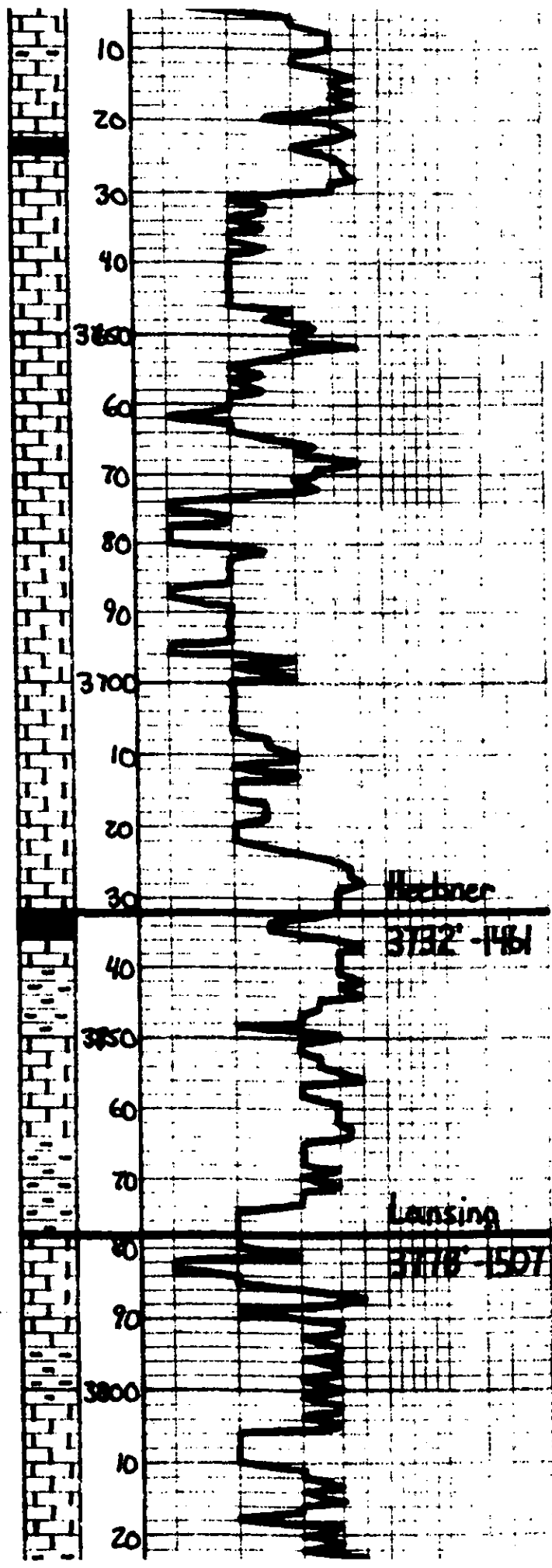
Respectfully Submitted,

Jason T Alm  
 Hard Rock Consulting, Inc.









Genoa location  
 11:00 a.m.  
 5-29-2012

Sh. Oak Coy

Ls. Tan Coy, M. Shell, Fu. aln.  
 St. Oak, Green

Ls. aln. Forest

Ls. aln.

Ls. Tan Coy, M. Shell, Fu. aln.  
 Oak, Forest, Green

Ls. aln.

Sh. Oak, Carb. Forest

Sh. Coy. Ben. Gen

Ls. Tan. Offish, Fu. Schich.  
 D.S.

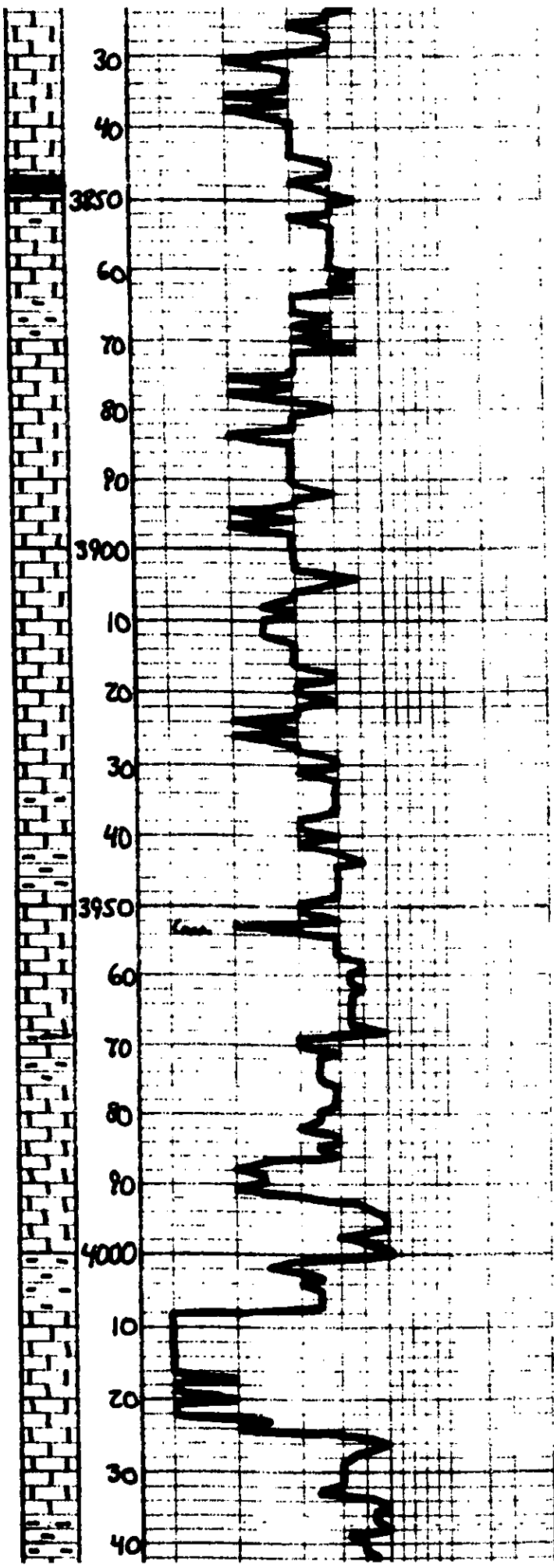
Sh. Coy. Ben

Ls. Tan. Ls. Coy. Fu. aln. Oak  
 w/ basal carb. of Green

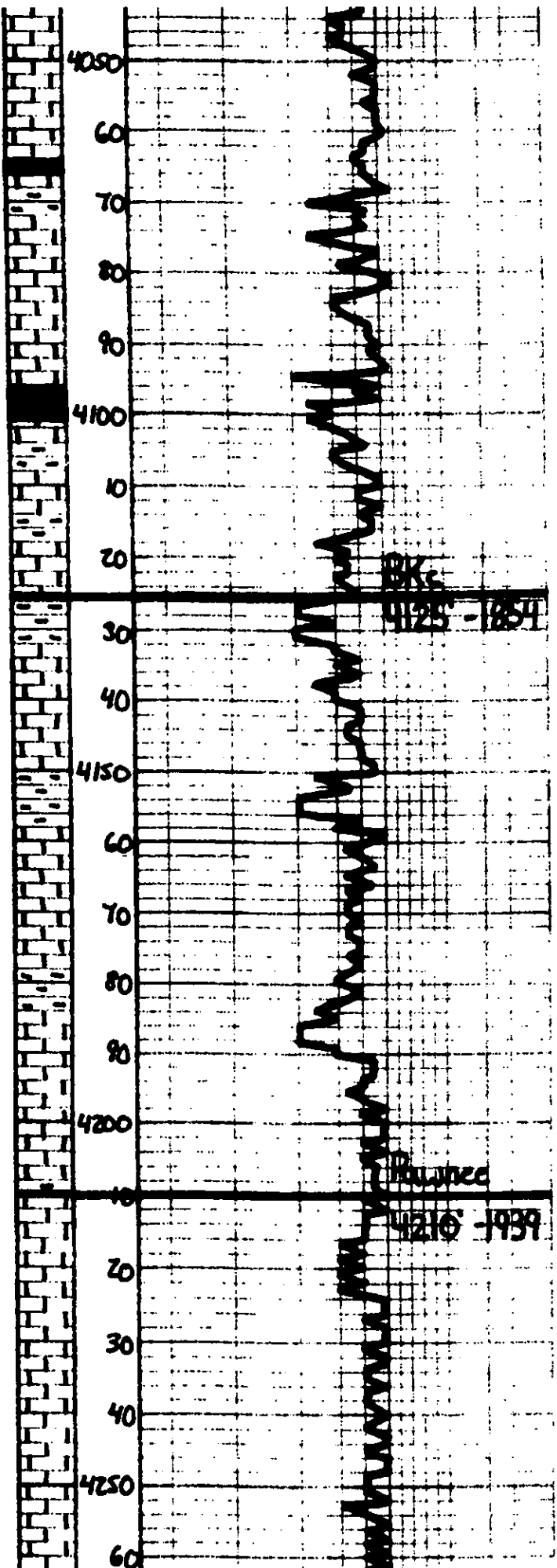
Sh. Coy. Ben

Ls. Tan. Ls. Coy. Fu. aln. St. Oak  
 w/ basal carb. of Green

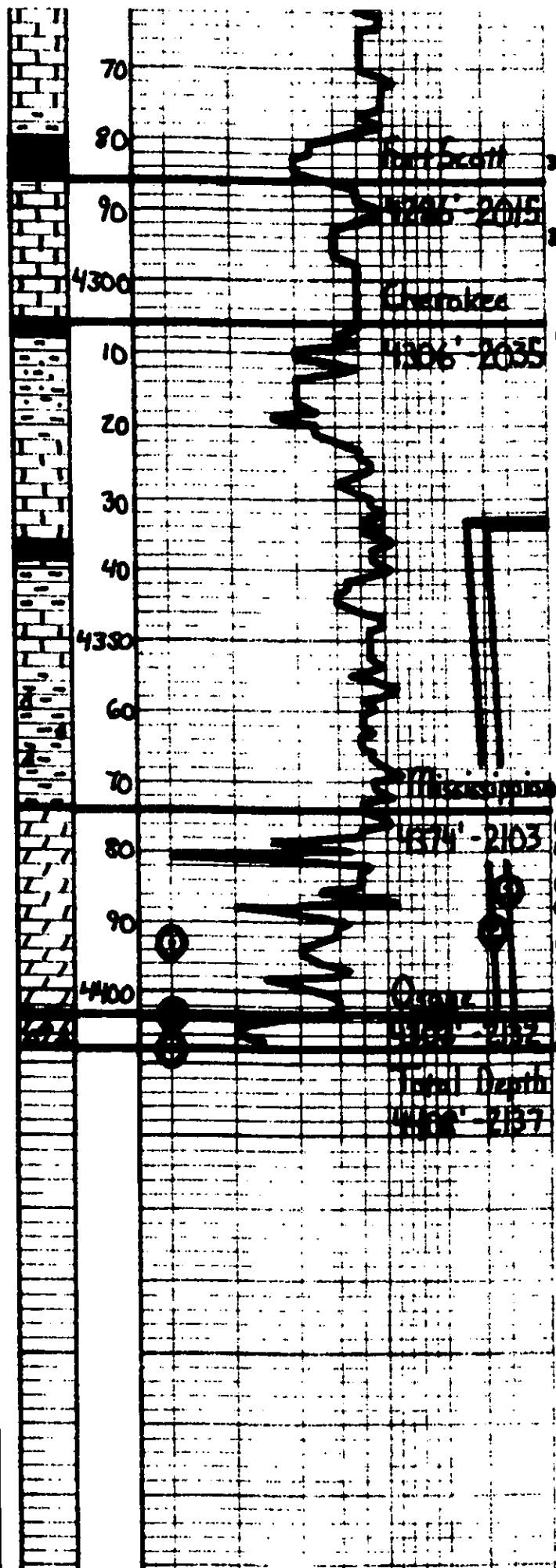
Sh. / - D.



3850	Ls. Tan. Lt. Gray. Fr. sh. Ool. wt. base com. fr. 2. Whit. Gray
	Sh. Dk. Gray
	Ls. Tan. Lt. Gray. Subsh. DNS
	Sh. Gray. Brn
	Ls. Dk. Tan. Fr. sh. Ool. wt. base com. fr. 2. Whit. Gray
	Ls. ala
	Ls. ala
	Ls. Tan. Lt. Gray. Fr. sh. Ool. wt. base com. fr. 2. Whit. Gray
	Sh. Gray. Brn
	Ls. Tan. Lt. Gray. Fr. Subsh. Sl. Ool., massive bed
	Sh. Gray. Brn
	Ls. Tan. Fr. Subsh. Ool. wt base com. fr. 2. Whit. Gray
	Sh. Gray
	Ls. Dk. Tan. Lt. Gray. Fr. sh. Ool. wt. base com. fr. 2. Whit. Gray
	Ls. ala, DNS
	Sh. Gray. Dk. Gray



LS - Tan - Lt. Gray, Subsh, DNS	
Sh - Dk Gray	
LS - Tan - Gray - M. black, Subsh, DNS	
Sh - Blk	
LS - Tan - Gray, Subsh, DNS	
LS - ale	
Sh - Gray - Ben - Gaa	
LS - Tan - Lt. Gray, Subsh, DNS	
Sh - Gray - Ben	
LS - Tan - Lt. Gray, Subsh, DNS	
Sh - Gray - Ben	
LS - Tan - Gray, Subsh, DNS	
Sh - Gray - Ben - Gaa	
LS - Lt. Gray, Subsh, DNS	
LS - ale	
LS - ale	



LS - Gray, Subsh. DMS	
SS - Blk. Lark	
LS - Tan, DMS, Fine Subsh. and thin shaly, sand, clay 2103, No. 10, 11, 12, 13, 14	
6 SS - Dk. Gray	<b>DST #1</b>
SS - Gray - Bla. - Geo. Fine Randon DMS ga	Mississippi 4334' - 4403' 20° 30' - 10"
LS - Tan - Gray, Subsh. DMS	IN 217W
SS - Dk. Gray	IF 217W 60% min.
SS - Gray - Bla.	IS 73W DMS
LS - Tan - Gray - Mottled. DMS	PF 36-37W DMS
	PH 2103W
	BHT 111°F
	Recovery: 20' USOCM 3% oil
SS - Gray, Bla. - Geo. & Omega - Lark 2103	<b>DST #2</b>
	Mississippi 4333' - 4408' 15° 30' - 15° 30"
45 Data: DMS - Gray, Fine Subsh. and thin shaly, sand, clay, 2103, 2104, 2105, No. 10, 11, 12, 13, 14	IN 217W
65 Data: sh., Kumpes & Lark, Sh. Typ	IF 57-217E 60% min.
	IS 73W DMS
	PF 2103-37W DMS
75 Data: DMS - Blk. Lark, Fine Subsh. and thin shaly, sand, clay, 2103, 2104, 2105, No. 10, 11, 12, 13, 14	PH 2103W
	BHT 123°F
	Recovery: 10' USOCM 5% oil 120' USOCM 10% oil, 15% water 130' USOCM 10% oil, 15% water 140' USOCM 10% oil, 15% water 150' USOCM 10% oil, 15% water

Respectfully,

Jayson T. Hill  
11-1-2012

# ALLIED CEMENTING CO., LLC. 042515

REMIT TO: P.O. BOX 31  
 RUSSELL, KANSAS 67665

SERVICE POINT:  
 Great Bend

DATE: 5-25-12	SEC: 26	TWP: 19S	RANGE: 22E	CALLED OUT:	ON LOCATION:	JOB START:	JOB FINISH:
LEASE: 15-1	WELL: 4	LOCATION: 822-c South To 80		COUNTY: NEOSHO	STATE: KS		
OLD OR (NEW) (Circle one)		West 1/2 South West 1/4 To					

CONTRACTOR: Pet-amount 1  
 TYPE OF JOB: Surface  
 RELEASE: 12 1/4 TD: 222  
 CASING SIZE: 8 1/2 DEPTH: 221  
 DRILLING: DEPTH:  
 TEST: DEPTH:  
 MUD: DEPTH:  
 MEASUREMENT: SHOE JOINT  
 CONCRETE IN CSO: 15  
 COMMENTS: 15 BBL

OWNER:  
 CEMENT:  
 AMOUNT ORDERED: 1505X CLASS A + 2286L  
 1 2286L  
 COMMON:   
 POZMIX:   
 GEL:   
 CHLORIDE:   
 ASC:

EQUIPMENT:  
 PUMP TRUCK: CEMENTER: 440X-C  
 1 366 HELPER: Kevin  
 BULK TRUCK:  
 1 12/13M DRIVER: Paul  
 BULK TRUCK:  
 1 12/13M DRIVER: Paul

HANDLING MILEAGE:   
 TOTAL:

REMARKS:  
 Pipe down 300 ft. 300 ft. 300 ft.  
 Run 30 BBLs water ahead.  
 Mix 1505X CLASS A + 2286L  
 1505X CLASS A + 2286L  
 Cement + dil. cement

DEPTH OF JOB: 221  
 PUMP TRUCK CHARGE:  
 EXTRA FOOTAGE:   
 MILEAGE:   
 MANIPOLD:   
 TOTAL:

STREET: American  
 CITY: STATE: ZIP:

PLUG & FLOAT EQUIPMENT:  
 TOTAL:

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish operator and helper to assist owner or contractor to do work as is shown. The above work was done to satisfaction and satisfaction of owner and contractor. I have read and understood the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any):  
 TOTAL CHARGES:  
 DISCOUNT: IF PAID IN 30 DAYS

PRINTED NAME:  
 SIGNATURE: *Dennis L. ...*



Date 5-25-12 District G-cat Brnd Ticket No. 42515  
 Company American Rig 1st-ann-14  
 Lease Leat Well No. 4  
 County Ness State KS  
 Location 26-195-22W Field Barwin  
Sandy To 8th Street & 1st South

CEMENT DATA:  
 Spacer Type: fresh water  
 Amt. 3 Slu Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density 8.34 PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type CLASS A  
+ 3% + 2% (cl) Excess 100%  
 Amt. 150 Slu Yield 1.34 ft<sup>3</sup>/sk Density 15.2 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Amt. \_\_\_\_\_ Slu Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead \_\_\_\_\_ gal/sk Tail \_\_\_\_\_ gal/sk Total \_\_\_\_\_ Bbls.

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 8 7/8 Type NC 111 Weight 24.00 Collar GRD

Casing Depth: Top KB Bottom 222

Pump Trucks Used 3 of 4 New  
 Bulk Equip. 422/241 Sac

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.70  
 Open Hole: Bbls/Lin. ft. .1458 Lin. ft./Bbl. 6.85  
 Drill Pipe: Bbls/Lin. ft. .1422 Lin. ft./Bbl. 70.32  
 Annulus: Bbls/Lin. ft. .0725 Lin. ft./Bbl. 13.60  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Floot Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Floot: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plug Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER \_\_\_\_\_

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						on Job site
						Had Sattley meeting
3:00 PM			3	3	3	Ran 3 BBL water ahead
			38.79	35.79	3	Mix 150 JXC Class A + 3% + 2%
			51.79	13	3	Displace 13 BBL fresh water
						shut in
3:30						Cement did circulate



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

TICKET # **23107**

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>1007, KS</u>	WELL/PROJECT NO. <u>#4</u>	LEASE <u>Lent</u>	COUNTY/PARISH <u>NEOS</u>	STATE <u>KS</u>	CITY <u>Garzine</u>	DATE <u>1 JUN 12</u>	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Personnel</u>	RIG NAME/NO.	SHIPPED DATE	DELIVERED TO <u>location</u>	ORDER NO.	
3.	WELL TYPE <u>o.i</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>clean big string</u>	WELL PERMIT NO.	WELL LOCATION <u>26-19-27</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
575		1			MILEAGE TRC 114	25	mi	6	00	150 00
578		1			Pump Charge	1	ea	1500	00	1500 00
402		1			Centralizer	5 1/2	in	5	00	350 00
403		1			Convent Basket	5 1/2	in	2	00	500 00
404		1			PORT Collar	5 1/2	in	1	00	2400 00
406		1			Latch dual ply 3 baffle	5 1/2	in	1	00	250 00
407		1			INSERT FLIGHT SHOE w/ AIR FILL	5 1/2	in	1	00	350 00
419		1			Rotating head rental	5 1/2	in	1	00	200 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.

SWIFT OPERATOR A. Hill APPROVAL \_\_\_\_\_

REMIT PAYMENT TO:

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

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

Thank You!



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

TICKET CONTINUATION

TICKET No. 23107

CUSTOMER American Water WELL Lent #4 DATE 1/16/12 PAGE 2 OF 2

325	1	STANDARD cement (F-42)	175 sk		13.50	2362.50
284	1	calceal	800 lb	8 sk	35.00	280.00
283	1	salt	900 lb		0.30	180.00
292	1	halod-322	125 lb		7.75	968.75
276	1	Flocce	50 lb		2.00	100.00
281	1	mud flush	500 gal		1.25	625.00
221	1	KCl liquid	2 gal		25.00	50.00
240	1	D-air	2 gal		35.00	70.00
582	1	Drainage (n.a.)	1 sq			250.00
581	1	SERVICE CHARGE	175 sk		2.00	350.00
TOTAL WEIGHT			18325	LOADED MILES	25	TON MILES

JOB LOG

SWIFT Services, Inc.

DATE JUN 12 PAGE NO.

CUSTOMER American Warriors WELL NO. #4 LEASE L. IT JOB TYPE 2D well long string TICKET NO. 23107

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sts EA 2 1/2" slickline 5 1/2" 155' casing
								104 sts 4407' slickline 42" 41'
								cont 1,2,3,4,6,8 Part 1 5, 6, 8 Part 10/11 '69 1473'
								RTO - 4400' well 1 1/2" 107
								1500' - 28, 110, 107
	0606							on loc TRK 114
	0652							start 5 1/2" 155' casing in well
	0700							Drop ball - circulate - RTO 11E
	0720	4 3/4	12				250	Pump 50 gal mid flush
		4 3/4	20				250	Pump 20 gal KCL flush
	0725		7					Plug RH <del>3 1/2" 285</del>
	0930	4 1/2	36				250	min EA 2 connect 1400' @ 153' x 3'
	0940							Drop bit between plugs wash out pump line
	0942	6 3/4					250	Displace plug
		6 3/4	95				850	
	1000	6 3/4	104				1500	Load plug
								Release pressure to track - dried up
	1010							wash track
								pick up
	1045							job complete
								Thanks L. H. D. D. D. D.



CHARGE TO: American Waste  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET  
 No. **23203**

PAGE 1 OF 1

SERVICE LOCATION: Neesh, KS WELL/PROJECT NO. 4 LEASE Lent COUNTY/PARISH Ness STATE KS CITY Bazine DATE 7 AUG 12 OWNER \_\_\_\_\_

TICKET TYPE:  SERVICE  SALES CONTRACTOR \_\_\_\_\_ RIG NAME/NO. \_\_\_\_\_ SHIPPED VT DELIVERED TO location ORDER NO. \_\_\_\_\_

WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement pit collar WELL PERMIT NO. \_\_\_\_\_ WELL LOCATION 26-A-27

REFERRAL LOCATION \_\_\_\_\_ INVOICE INSTRUCTIONS \_\_\_\_\_

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
575		1			MILEAGE TRK 114	10	mi	6.00		60.00
576D		1			Pump Charge	1	pa	1250.00		1250.00
330		1			SMD cement	120	sk	16.50		1980.00
276		1			fluoels	25	lb	2.00		50.00
290		1			D-AIR	2	gal	35.00		70.00
<del>328</del>		<del>1</del>			<del>SAND</del>	<del>1</del>	<del>pa</del>	<del>22.00</del>		<del>22.00</del>
102		1			Drillable Bridge Plug	1	pa	1100.00		1100.00
104		1			Pit Collar Tool Rental	1	pa	250.00		250.00
581		1			Service charges	175	sk	2.00		350.00
582		1			Drillage (min)	1	hr	250.00		250.00
288		1			SAND	3	pa	22.00		66.00

**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 Scott  
 DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  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	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				5426.00
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 checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				5647.51

7.55% TAX @ 6.3% 221.51

SWIFT OPERATOR RM APPROVAL \_\_\_\_\_

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE 7 AUG 12 PAGE NO. 1

CUSTOMER Amec-con Wass. of WELL NO. #4 LEASE Leit JOB TYPE concrete port collar TICKET NO. 23202

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PS)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sacks SAND w/ 1/2# fluca 2 1/2" 5" Port collar @ 1473' RSP @ 3500'
	1605							at loc 1 in 114
	1915							Run pulling rods
	2012							PS going in with RSP opening tool
		4	35					Run down tubing to size and / loc hole
			48					35 bbl - / in to surface
	2028					1000	1000	Key out - 13 bbl out in H.D truck
			10					test to 1000 ps - hold
	2045							5 bbl 1 sack sand - 11 bbl H <sub>2</sub> O
								pull up to 1473'
	2155	4	4			400		OPEN PORT COLLAR
								inj rate 4 bpm @ 400
								run SAND w/ 1/2# fluca @ 11.2 ppm
	2157	4	5			400		per. do 11.2 ppm
		4	60			400		5 bbl H <sub>2</sub> O to surface
		1	5			410		5 bbl H <sub>2</sub> O
	2215	4	67			400		run SAND cement @ 11.2 ppm
								(cement 10) → (120 sk mixed)
								(surface) → (15 to pit)
			5					5 bbl H <sub>2</sub> O flush
	2235							close port COLLAR
						1000	1000	test to 1000 psi - hold
	2250		20					Run use hole clean
								- 2 cement / log
								Wash truck
	2340							job complete
								Fluk
								TJ Dine 11/1/12