



KANSAS CORPORATION COMMISSION 1054559  
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: \_\_\_\_\_

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 #: \_\_\_\_\_

<u>01/25/2011</u>	<u>01/31/2011</u>	<u>01/31/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25160-00-00  
Spot Description: \_\_\_\_\_  
SW SW NE NW Sec. 8 Twp. 19 S. R. 21  East  West  
1,050 Feet from  North /  South Line of Section  
1,500 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ness  
Lease Name: Rachel Well #: 1-8  
Field Name: \_\_\_\_\_  
Producing Formation: NA  
Elevation: Ground: 2173 Kelly Bushing: 2179  
Total Depth: 4296 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: \_\_\_\_\_ 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: 2500 ppm Fluid volume: 160 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite:  
Operator Name: American Warrior, Inc  
Lease Name: Strecker License #: 4058  
Quarter SW Sec. 06 Twp. 19 S. R. 21  East  West  
County: Ness Permit #: D19026

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: Deanna Garrison Date: 04/25/2011



1054559

Operator Name: American Warrior, Inc. Lease Name: Rachel Well #: 1-8  
 Sec. 8 Twp. 19 S. R. 21  East  West County: Ness

**INSTRUCTIONS:** Show important tops and bases 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Dual Induction, Dual Compensated Porosity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
---	--

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	1/4# flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing	-			
____ Plug Back TD				
____ Plug Off Zone	-			

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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbbs. Gas Mcf Water Bbbs. 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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Rachel 1-8
Doc ID	1054559

Tops

Anhydrite	1402	777
Heebner	3650	-1471
Lansing	3696	-1517
BKC	4022	-1843
Pawnee	4103	-1924
Ft. Scott	4178	-1999
Cherokee	4194	-2015
Mississippian	4274	-2095
TD	4296	-2117



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

TICKET  
20128

PAGE 1 OF 1

SERVICE LOCATIONS 1. NESS CITY, KS	WELL/PROJECT NO.	LEASE RACHEL 1-28	COUNTY/ADJACENT NESS	STATE KS.	CITY BAZINE, KS	DATE 24 JAN 11	OWNER
2.	TICKET TYPE SA SERVICE SALES	CONTRACTOR PETRO MARK DRILLING	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO LOCATION	ORDER NO.	
3.	WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE CEMENT 8 5/8	WELL PERMIT NO.	WELL LOCATION 1S 12E S10T0		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM			
575		1			MILEAGE: # 110	20	mi	5	100	100
576S		1			Pump CHARGE	1.58	223 ft.	750	02	750
290		1			D-AIR	1.58		35	02	35
278		1			CALCIUM CHLORIDE	4	5x	35	02	140
279		1			GEL	3	5x	25	02	75
325		1			STANDARD CEMENT	150	5x	12	02	1800
581		1			SERVICE CHARGE CEMENT	150	5x	1	50	225
582		1			MINIMUM DRAYAGE	14720	lbs	147.20	TM	250

**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 24 JAN 11 TIME SIGNED 08:00 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	3375 <sup>00</sup>
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					

SWIFT OPERATOR

APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 24 JAN 11 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. LEASE RACHEL 1-28 JOB TYPE CEMENT 8 5/8 TICKET NO. 20128

CHART NO.	TIME	RATE (BPM)	VOLUME (DBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							ON LOCATION
	0615							START PIPE 8 5/8 - 23# RIDE 223
	0650							CIRCULATE.
	0704	4	36		✓			MIX 150S, STD 2% GEL 3% CC @ 14.7ppg.
	0717	3	13		✓		200	DISPLACE CEMENT.
								CIRCULATE CEMENT TO SURFACE
	0722							SHUT WELL IN.
								WASH TRUCK
	0800							JOB COMPLETE.
								THANKS #110
								JASON JEFF LANE.

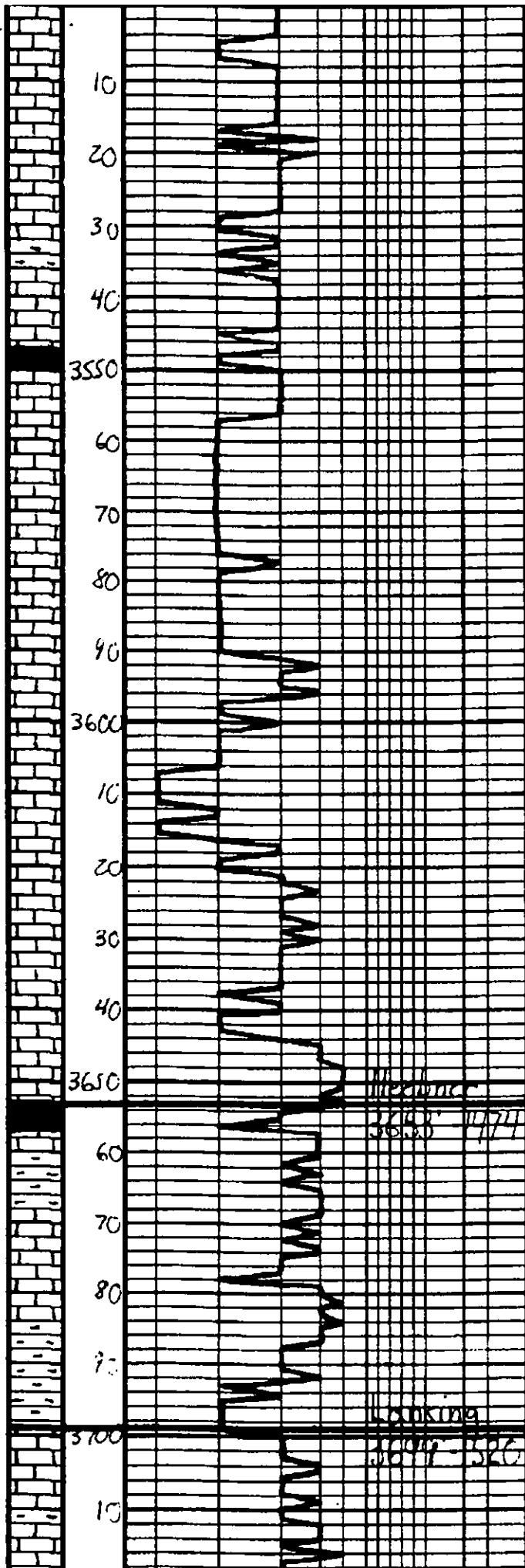




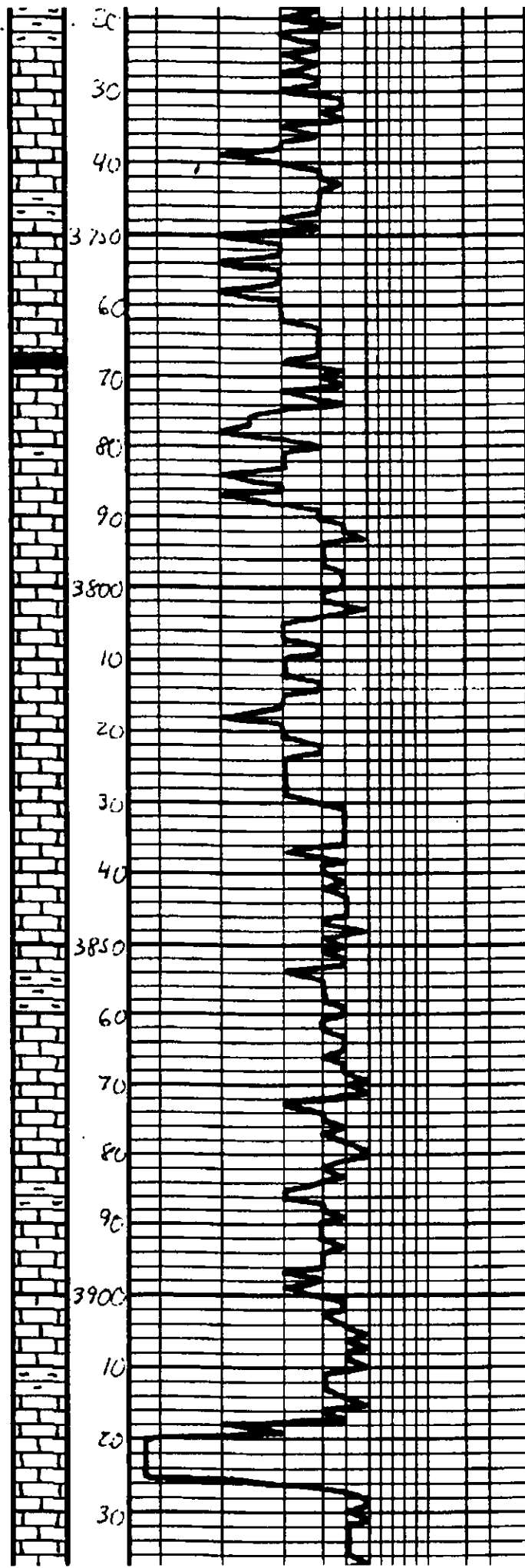




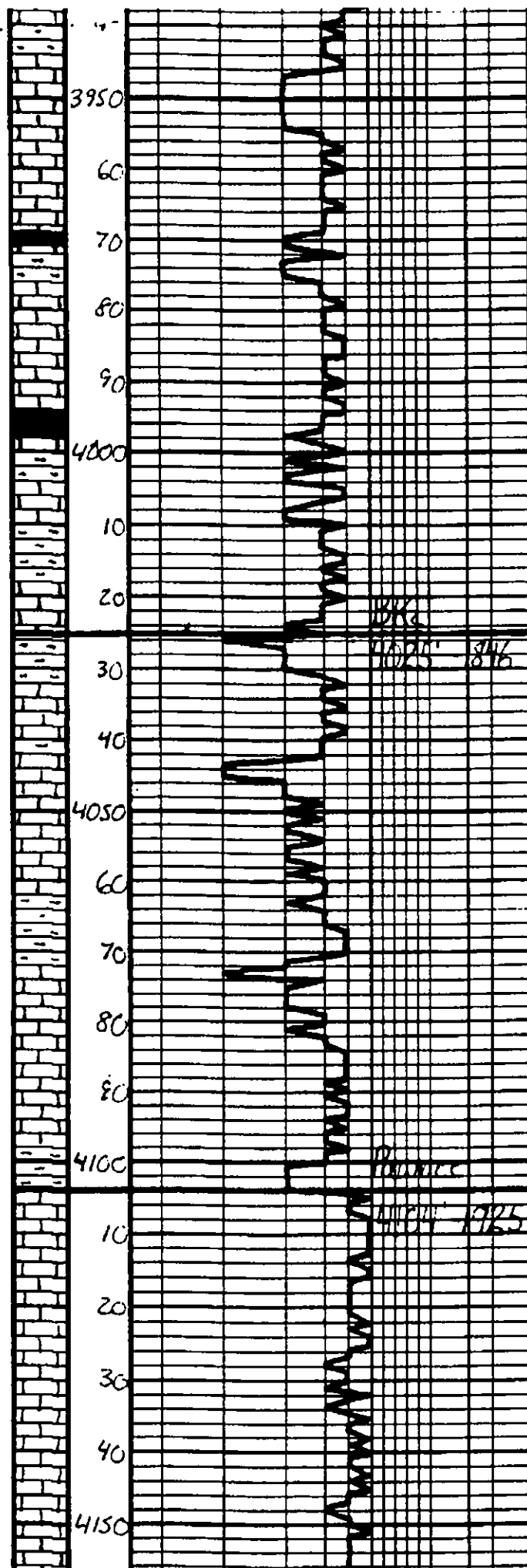




<p>ls. tan. lt. gray, Fossiliferous Mottled, siliceous</p>	<p>Geo on location 1:00 p.m. 1-27-2011</p>
<p>ls. -alc</p>	
<p>Sh. gray - blk gray</p>	
<p>ls. - blk. sh. - lt. gray, Fossiliferous Mottled, siliceous</p>	
<p>ls. -alc</p>	
<p>ls. - tan. - lt. gray, Fossiliferous Mottled, siliceous</p>	
<p>ls. -alc, Mostly DBS</p>	
<p>ls. -alc</p>	
<p>Sh. blk. carb. Fossiliferous</p>	
<p>Sh. gray - blk. carb.</p>	
<p>ls. - blk. sh. - tan. Fossiliferous with poor congl. of Bivalves</p>	
<p>Sh. gray - blk. carb.</p>	
<p>ls. - tan. - lt. gray, Fossiliferous, Del with poor congl. of Bivalves</p>	



Sh. grey. Ben	
ls. Tan. Offsh. F. equal Dal. with fine intercal. Baccan	
ls. Offsh. Lt. grey. F. equal Dal. with fine sand. Baccan	
Sh. Dk. grey	
ls. Offsh. Tan. F. equal Dal. with fine sand. Baccan	
ls. alc. DNS	
ls. Tan. Lt. grey. F. equal Dal. with fine sand. Baccan	
ls. alc	
ls. Tan. Lt. grey. F. Siderite Dal. DNS	
Sh. grey. Ben	
ls. Tan. Lt. grey. F. equal Dal. with fine sand. Baccan	
Sh. grey. Ben	
ls. Tan. Lt. grey. F. equal Dal. with fine sand. Baccan	
Sh. grey. Ben	
ls. Dk. sh. Lt. grey. F. equal Dal. with fine sand. Baccan. No. 2	
ls. alc. DNS	



LS - Tan - Lt. Gray, Earthy, Dol wt. poor cov. p. Sulfur	
LS - alc. DNS	
Sh - Dk. Gray - Bk	
LS - Tan - Lt. Gray, Subal., DNS	
Sh - Bk. Calc.	
LS - Tan - Gray, imbricated, DNS	
LS - alc.	
Sh - Gray - Tan - Green	
LS - Tan - Gray, Mottled, DNS	
LS - Tan, Earthy, Dol wt. Fair fairly cov. p. Sulfur	
LS - alc. DNS	
Sh - Gray - Green	
LS - Tan - Dk. Gray, Earthy, Dol wt. Fair Fair cov. p. Sulfur	
LS - alc. Subal., DNS	
Sh - Gray - Green	
LS - Dk. Gray - Lt. Gray, Earthy alc. DNS	
LS - alc. Subal., DNS	
LS - Tan - Lt. Gray, Subal., DNS	





# **Geological Report**

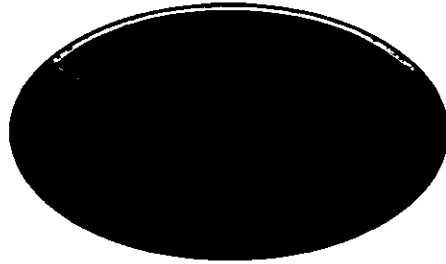
American Warrior, Inc.

**Rachel #1-8**

1050' FNL & 1500' FWL

Sec. 8 T19s R21w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Rachel #1-8  
1050' FNL & 1500' FWL  
Sec. 8 T19s R21w  
Ness County, Kansas  
API # 15-135-25102-0000

Drilling Contractor: Petromark Drilling, LLc Rig #1

Geologist: Jason Alm

Spud Date: January 25, 2010

Completion Date: February 1, 2010

Elevation: 2173' Ground Level  
2179' Kelly Bushing

Directions: Bazine KS, South on DD rd to 110 rd, East to EE rd, East and South into location.

Casing: 223' 8 5/8" surface casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: Log-Tech, Inc. "Brett Becker"  
CNL/CDL, DIL

Drillstem Tests: Four, Trilobite Testing, Inc. "Dustin Rash, Ray Schwager"

Problems: While tripping pipe the Basil Pennsylvanian Conglomerate sluffed into the hole continuously from DST #1 through #3.

Remarks: After heavily conditioning the hole electric logs and DST #4 were run without any problems.



## Formation Tops

Formation	American Warrior, Inc. Rachel #1-8 Sec. 8 T19s R21w 1050' FNL & 1500' FWL
Anhydrite	1402', +777
Base	1436', +743
Heebner	3650', -1471
Lansing	3696', -1517
BKc	4022', -1843
Pawnee	4103', -1924
Fort Scott	4178', -1999
Cherokee	4194', -2015
Mississippian	4274', -2095
LTD	4296', -2117
RTD	4295', -2116

## Sample Zone Descriptions

**Mississippian Osage (4274', -2095):**      **Covered in DST #1-4**  
 Dolo – Δ – Fine sucrosic crystalline with poor to fair inter-crystalline and vuggy porosity, heavy chert, slightly triptolic, mostly fresh with fair vuggy porosity, light scattered oil stain, very light odor, no show of free oil, light scattered yellow fluorescents, 12 units hotwire.



## Structural Comparison

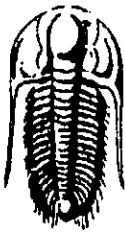
	American Warrior, Inc. Rachel #1-8 Sec. 8 T19s R21w 1050' FNL & 1500' FWL	L.D. Davis Foos #1 Sec. 8 T19s R21w NE NE NW		DNB Drilling, Inc. Foos #1 Sec. 8 T19s R21w C NW NE	
<b>Formation</b>					
Anhydrite	1402', +777	1400', +776	(+1)	NA	NA
Base	1436', +743	NA	NA	NA	NA
Heebner	3650', -1471	3639', -1463	(-8)	3628', -1469	(-2)
Lansing	3696', -1517	3698', -1522	(-5)	3676', -1517	FL
BKc	4022', -1843	NA	NA	NA	NA
Pawnee	4103', -1924	NA	NA	NA	NA
Fort Scott	4178', -1999	4179', -2003	(+4)	4152', -1993	(-6)
Cherokee	4194', -2015	NA	NA	NA	NA
Mississippian	4274', -2095	4287', -2111	(+16)	4244', -2085	(-10)

### Summary

The location for the Rachel #1-8 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Four drill stem tests were conducted all of which with negative results. After all gathered data had examined the decision was made to plug and abandon the Rachel #1-8 well.

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

American Warrior, Inc.

Rachel #1-8

P.O. Box 399  
Garden City, KS 67846

8/19S/21W

Job Ticket: 41832      DST#: 1

ATTN: Jason Alm

Test Start: 2011.01.29 @ 09:59:38

### GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:49:33

Time Test Ended: 14:40:02

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 42

Interval: **4272.00 ft (KB) To 4288.00 ft (KB) (TVD)**

Total Depth: 4288.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2179.00 ft (KB)

2173.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: **6625** Inside

Press@RunDepth: psig @ 4273.00 ft (KB)

Start Date: 2011.01.29

End Date: 2011.01.29

Start Time: 09:59:38

End Time: 14:40:02

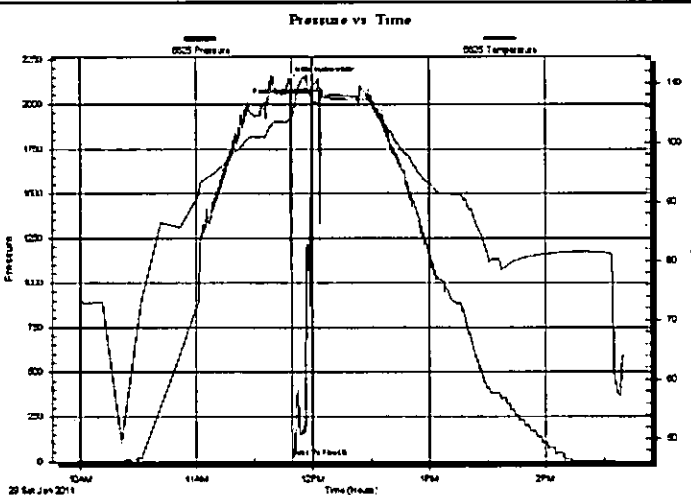
Capacity: 8000.00 psig

Last Calib.: 2011.01.29

Time On Btm: 2011.01.29 @ 11:48:03

Time Off Btm: 2011.01.29 @ 12:03:03

TEST COMMENT: Msrun



### PRESSURE SUMMARY

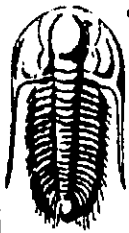
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.30	103.75	Initial Hydro-static
2	26.51	104.36	Open To Flow (1)
15	2132.98	106.62	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior, Inc.

**Rachel #1-8**

P.O. Box 399  
Garden City, KS 67846

**8/19S/21W**

Job Ticket: 41832

**DST#: 1**

ATTN: Jason Alm

Test Start: 2011.01.29 @ 09:59:38

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 47.00 sec/qt  
Water Loss: 8.79 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 7800.00 ppm  
Filter Cake: inches

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

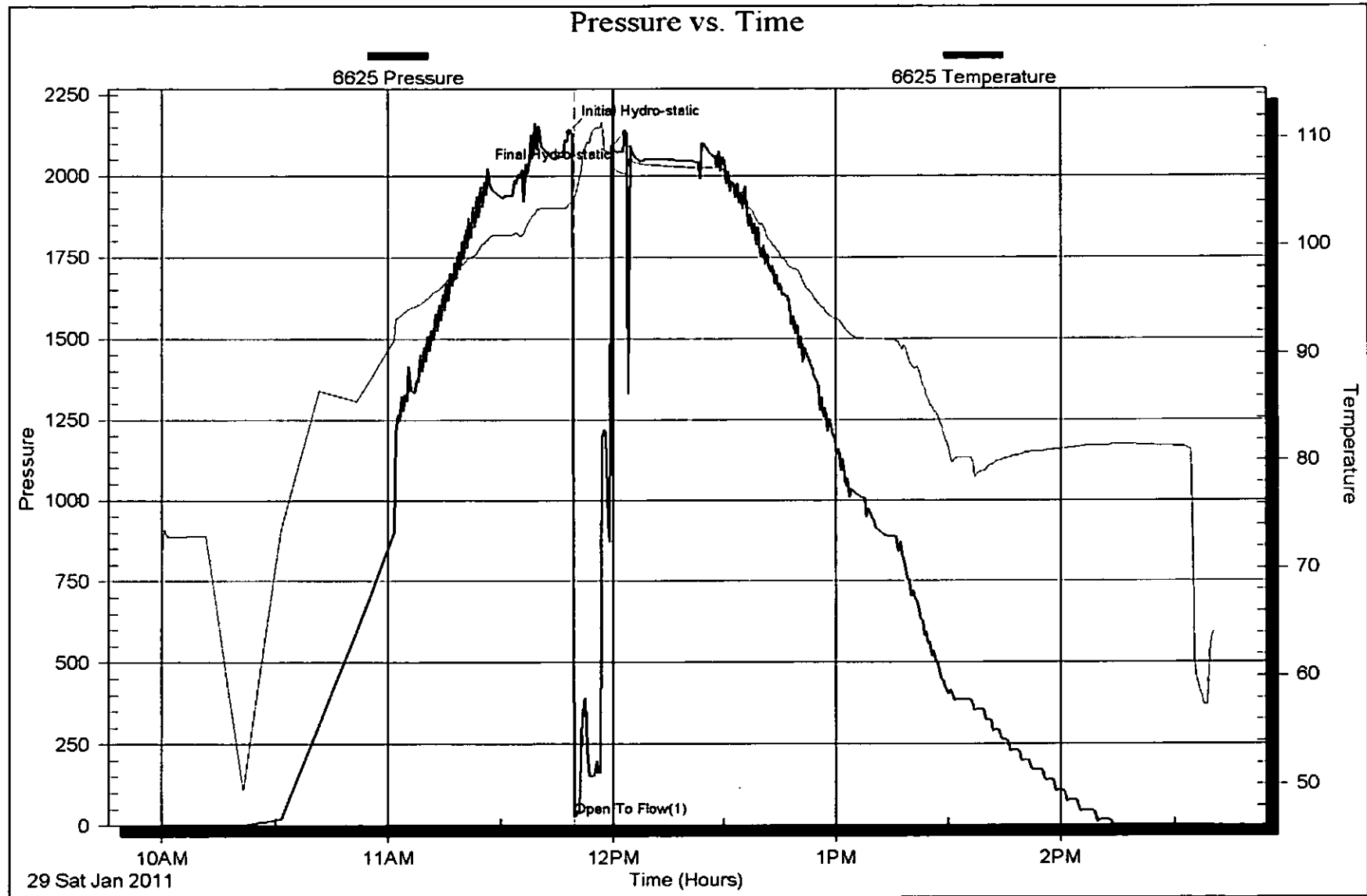
Oil API: deg API  
Water Salinity: ppm

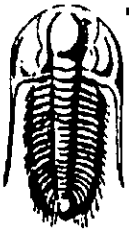
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl

Total Length: ft      Total Volume: bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

American Warrior, Inc.

Rachel #1-8

P.O. Box 399  
Garden City, KS 67846

8/19S/21W

Job Ticket: 41833

DST#: 2

ATTN: Jason Alm

Test Start: 2011.01.29 @ 15:06:24

### GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:02:54

Time Test Ended: 21:04:24

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 42

Interval: **4195.00 ft (KB) To 4288.00 ft (KB) (TVD)**

Reference Elevations: 2179.00 ft (KB)

Total Depth: 4288.00 ft (KB) (TVD)

2173.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 6.00 ft

**Serial #: 6625** Inside

Press@RunDepth: 113.49 psig @ 4261.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.29

End Date:

2011.01.29

Last Calib.: 2011.01.29

Start Time: 15:06:29

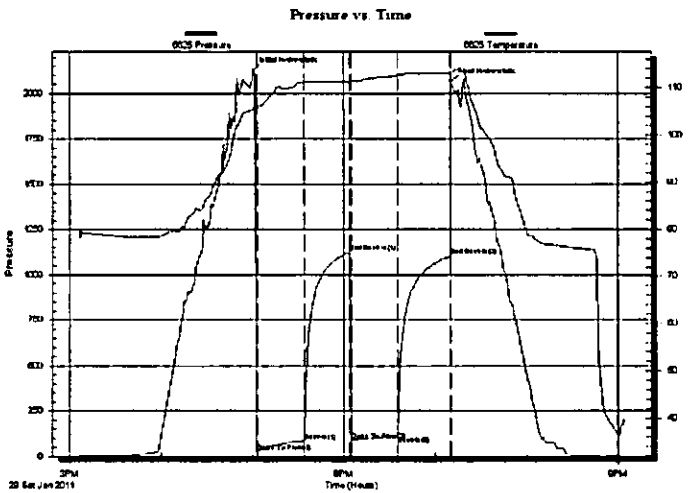
End Time:

21:04:23

Time On Btm: 2011.01.29 @ 17:00:54

Time Off Btm: 2011.01.29 @ 19:10:24

**TEST COMMENT:** IF-Weak building blow . Built to 6 inches.  
ISI-No Return.  
FF-Weak building blow . Built to 5 inches.  
FSI-No Return.



### PRESSURE SUMMARY

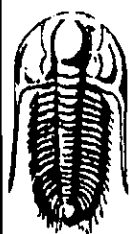
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2126.96	105.35	Initial Hydro-static
2	27.44	105.82	Open To Flow (1)
33	85.68	111.09	Shut-In(1)
63	1124.59	111.30	End Shut-In(1)
64	89.96	111.11	Open To Flow (2)
95	113.49	112.68	Shut-In(2)
129	1102.33	113.13	End Shut-In(2)
130	2062.69	113.04	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
60.00	100% Mud	0.30
132.00	95% Mud/5% Oil	1.30
3.00	100% Oil	0.04

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior, Inc.

**Rachel #1-8**

P.O. Box 399  
Garden City, KS 67846

**8/19S/21W**

Job Ticket: 41833

**DST#: 2**

ATTN: Jason Alm

Test Start: 2011.01.29 @ 15:06:24

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 47.00 sec/qt  
Water Loss: 8.78 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 7800.00 ppm  
Filter Cake: inches

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

Oil API: 38 deg API  
Water Salinity: ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
60.00	100%Mud	0.295
132.00	95%Mud/5%Oil	1.296
3.00	100%Oil	0.042

Total Length: 195.00 ft      Total Volume: 1.633 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

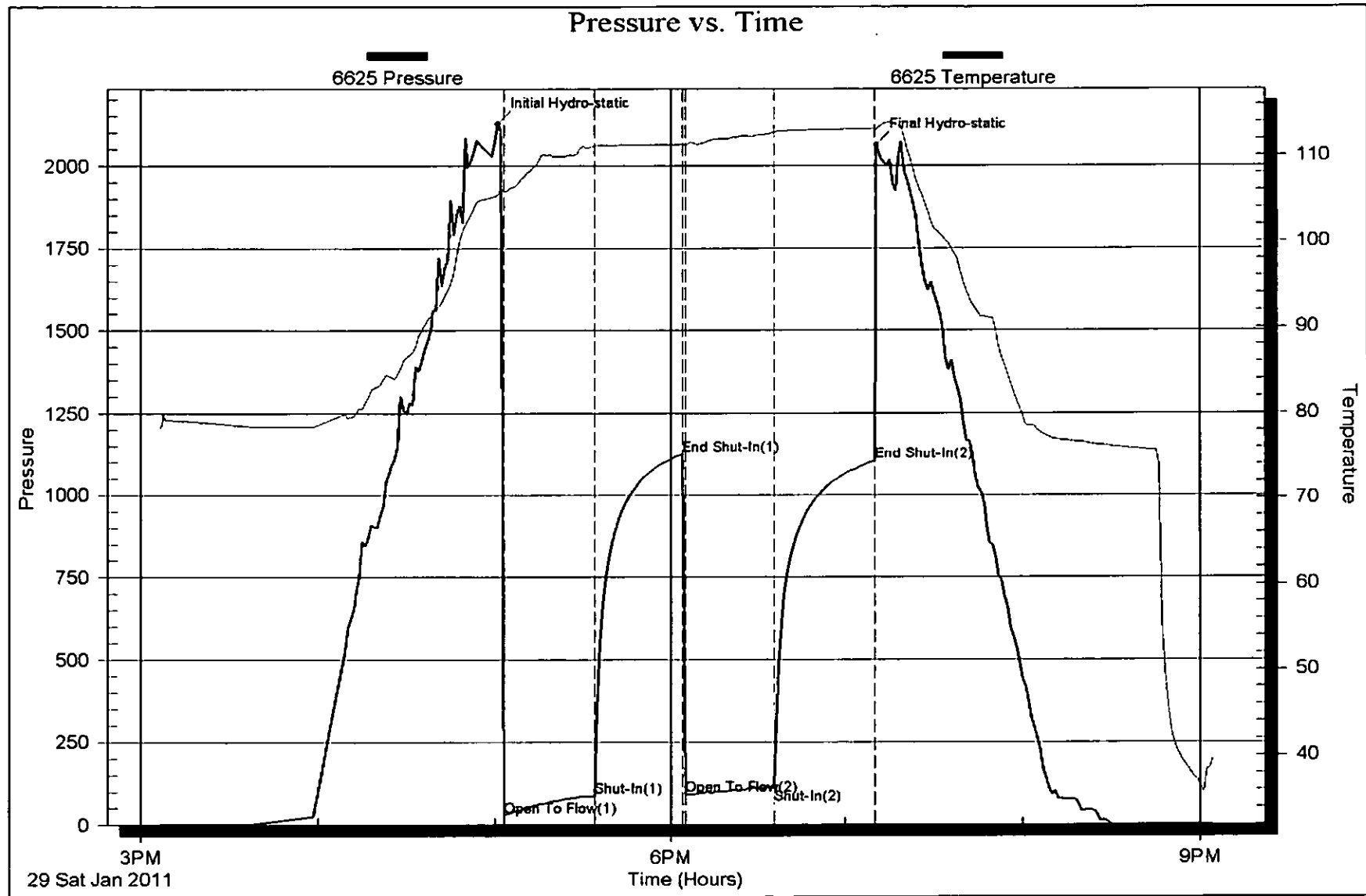
Serial #:

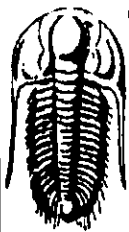
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

American Warrior, Inc.

Rachel #1-8

P.O. Box 399  
Garden City, KS 67846

8/19S/21W

Job Ticket: 41834

DST#: 3

ATTN: Jason Alm

Test Start: 2011.01.29 @ 05:04:39

### GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 09:00:39

Time Test Ended: 11:47:39

Test Type: **Conventional Bottom Hole**

Tester: **Dustin Rash**

Unit No: **42**

Interval: **4287.00 ft (KB) To 4295.00 ft (KB) (TVD)**

Total Depth: **4295.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **2179.00 ft (KB)**

**2173.00 ft (CF)**

KB to GR/CF: **6.00 ft**

Serial #: **6625** Inside

Press@RunDepth: **psig @ 4292.00 ft (KB)**

Start Date: **2011.01.29**

End Date:

**2011.01.29**

Capacity: **8000.00 psig**

Last Calib.: **2011.01.30**

Start Time: **05:04:44**

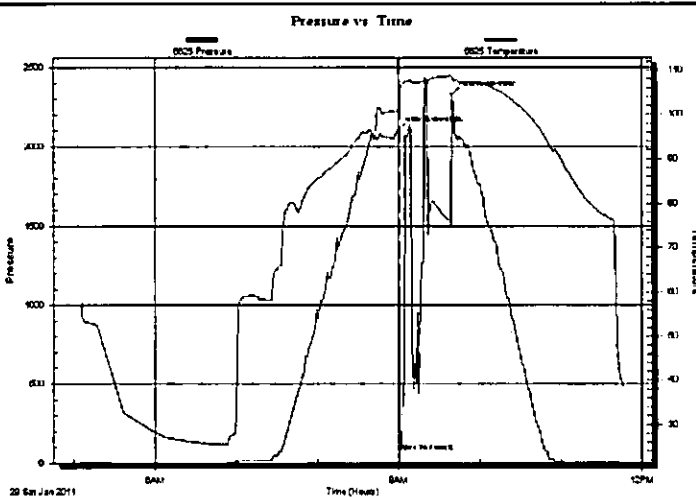
End Time:

**11:47:38**

Time On Btm: **2011.01.29 @ 09:00:09**

Time Off Btm: **2011.01.29 @ 09:39:39**

TEST COMMENT: Tagged 12' high. Tried to get tool to bottom. Set packers, slid 6 feet. Reset packers, tagged 6' high. Could not get tool to bottom.



### PRESSURE SUMMARY

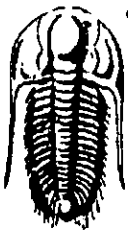
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2100.64	101.30	Initial Hydro-static
1	72.12	102.87	Open To Flow (1)
40	2327.74	108.77	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
60.00	100%Mud	0.30

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior, Inc.

**Rachel #1-8**

P.O. Box 399  
Garden City, KS 67846

**8/19S/21W**

Job Ticket: 41834

**DST#: 3**

ATTN: Jason Alm

Test Start: 2011.01.29 @ 05:04:39

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 9.19 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 8200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	100%Mud	0.295

Total Length: 60.00 ft      Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

