

KANSAS CORPORATION COMMISSION  
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

ORIGINAL

OPERATOR: License # 4058  
Name: American Warrior, Inc  
Address 1: P O Box 399  
Address 2:  
City: Garden City State: KS Zip: 67846  
Contact Person: Kevin Wiles, Sr  
Phone: ( 620 ) 275-2963  
CONTRACTOR: License # 5929  
Name: Duke Drilling Co  
Wellsite Geologist: Scott Alberg  
Purchaser: N/A

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 #:  
8/26/10 8/31/10 12/14/10  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 083-21, 668 - 0000  
Spot Description: SE-NE-NW-NW  
SE NE NW NW Sec. 36 Twp. 22 S. R. 23 ☐ East ☒ West  
417 Feet from ☒ North / ☐ South Line of Section  
1,087 Feet from ☐ East / ☒ West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
☐ NE ☐ NW ☒ SE ☐ SW  
County: Hodgeman  
Lease Name: Hodgeman-O'Brate Well #: 1-36  
Field Name: Oppy South  
Producing Formation: N/A  
Elevation: Ground: 2258' Kelly Bushing: 2269'  
Total Depth: 4477' Plug Back Total Depth: 4480'  
Amount of Surface Pipe Set and Cemented at: 268 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: 19200 ppm Fluid volume: 88 bbls  
Dewatering method used: EVAPORATION  
Location of fluid disposal if hauled offsite:  
Operator Name:  
Lease Name: License #:  
Quarter Sec. Twp. S. R. ☐ East ☐ West  
County: Permit #:

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Scott Alberg  
Title: Geologist Date: 12/21/10

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: PJA Dg Date: 12/21/10

Operator Name: American Warrior, Inc Lease Name: Hodgeman-O'Brate Well #: 1-36  
 Sec. 36 Twp. 22 S. R. 23 ☐ East ☒ West County: Hodgeman

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets)  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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If no, Submit Copy)  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  <table style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3782'</td> <td>-1513</td> </tr> <tr> <td>Lansing</td> <td>3839'</td> <td>-1570</td> </tr> <tr> <td>Marmaton</td> <td>4224'</td> <td>-1955</td> </tr> <tr> <td>Pawnee</td> <td>4310'</td> <td>-2041</td> </tr> <tr> <td>Cherokee Shale</td> <td>4400'</td> <td>-2131</td> </tr> <tr> <td>Mississippi Warsaw</td> <td>4458'</td> <td>-2189</td> </tr> <tr> <td>Mississippi Osage</td> <td>4469'</td> <td>-2200</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	3782'	-1513	Lansing	3839'	-1570	Marmaton	4224'	-1955	Pawnee	4310'	-2041	Cherokee Shale	4400'	-2131	Mississippi Warsaw	4458'	-2189	Mississippi Osage	4469'	-2200
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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	12-1/4"	8-5/8"	23#	268'	Common	170	3%cc 2%gel
Production	7-7/8"	5-1/2"	17#	4476'	EA2	150	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 (Amount and Kind of Material Used)	Depth
4	4459'-4474'		

TUBING RECORD: Size:      Set At:      Packer At:      Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> 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	<table style="width: 100%;"> <tr> <td>Oil    Bbls.</td> <td>Gas    Mcf</td> <td>Water    Bbls.</td> <td>Gas-Oil Ratio</td> <td>Gravity</td> </tr> </table>	Oil    Bbls.	Gas    Mcf	Water    Bbls.	Gas-Oil Ratio	Gravity
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 (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5)    (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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CHARGE TO: American Warrior Inc

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP CODE \_\_\_\_\_

TICKET  
18217

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Haystack, KS</u>	WELL/PROJECT NO. <u>1-36</u>	LEASE <u>Hedgerman-Obledo</u>	COUNTY/PARISH <u>Hedgerman</u>	STATE <u>KS</u>	CITY _____	DATE <u>9-1-10</u>	OWNER <u>same</u>
2. <u>Ness City, KS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Duke Dely #5</u>	RIG NAME/NO. _____	SHIPPED VIA <u>HT</u>	DELIVERED TO <u>Location</u>	ORDER NO. _____	_____
3. _____	WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Longstring</u>	WELL PERMIT NO. _____	WELL LOCATION _____	_____	_____
4. _____	INVOICE INSTRUCTIONS						
REFERRAL LOCATION	_____						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575	RECEIVED DEC 22 2010 KCC WICHITA	1			MILEAGE #111	35				5.00	175.00	
578		1			Pump Charge (Longstring)	1			1477	1400.00	1400.00	
221		1			KCL	2				25.00	50.00	
281		1			Mudflush	500				1.00	500.00	
290		1			D-Air	2				35.00	70.00	
402		1			Centralizers	9			5 1/2"	55.00	495.00	
403		1			Basket	1				200.00	200.00	
404		1			Port Collar	1				1900.00	1900.00	
406		1			LD Plug & Baffle	1				225.00	225.00	
407		1			Tapered Float Shoe w/ fill	1				275.00	275.00	
419		1			Rotating Head	1				150.00	150.00	

**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 Kenneth M. Mc  
DATE SIGNED 9-1-10 TIME SIGNED 0735 ☒ 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	5440.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				Page 2	3832.50
WE UNDERSTOOD AND MET YOUR NEEDS?					4272.50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	
ARE YOU SATISFIED WITH OUR SERVICE?				TOTAL	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Mark Korte APPROVAL \_\_\_\_\_

Thank You!

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Amesbury Warriner Inc	1-36	Hodgeman-O'Brate	Logging	18217

[illegible]



Ness City, KS 67560

Off: 785-798-2300

**TICKET CONTINUATION**

TICKET  
No. 18217

CUSTOMER  
American Warrior Inc

WELL #1-36 Hodges Obrot.

DATE 9-1-10

PAGE 2 OF 2

[illegible]

**ALLIED CEMENTING CO., LLC. 041902**

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

**SERVICE POINT:**

DATE <u>8-26-11</u>	SEC. <u>36</u>	TWP. <u>22</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30 pm</u>	JOB FINISH <u>7:30 pm</u>
LEASE <u>Hughes</u>	WELL # <u>1-36</u>	LOCATION <u>Set more 5 E 10 N</u>				COUNTY <u>1-36</u>	STATE <u>K-</u>
OLD OR NEW (Circle one)							

CONTRACTOR	Duke Drilling Co. #5
TYPE OF JOB	Surface Sol
HOLE SIZE	12 1/2 T.D. 270
CASING SIZE	5 1/2 DEPTH 268.16
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	1.1
PERFS.	
DISPLACEMENT	16.12661
EQUIPMENT	

PUMP TRUCK	CEMENTER	<i>Shane</i>
# <i>338</i>	HELPER	<i>Richard</i> <i>Twiss</i>
BULK TRUCK		
# <i>410</i>	DRIVER	<i>Daniel</i>
BULK TRUCK		
#	DRIVER	

REMARKS:

Ran 6 Jts - Landing Jt.  
 Tied on South Pipe Est. for  
 April 12th Sk 5  
 Cement Circulated

CHARGE TO: American Express  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME KENNETH M'GUIRE

SIGNATURE Kenneth M. Kemp.

**OWNER**

CEMENT  
AMOUNT ORDERED 170 Ton 3" CC  
216-1

[illegible]

TOTAL \_\_\_\_\_

## SERVICE

DEPTH OF JOB \_\_\_\_\_  
PUMP TRUCK CHARGE \_\_\_\_\_  
EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
\_\_\_\_\_ @ \_\_\_\_\_  
\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

## PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

**DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS**

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:**

1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:**

1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

American Warrior  
P.O. Box 399  
Garden City, Ks 67846  
ATTN: Scott Alberg

Hodgeman-O'brate 1-36  
36/22S/23W-Hodgeman  
Job Ticket: 39558      DST#: 1  
Test Start: 2010.08.31 @ 10:19:33

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 63.00 sec/qt  
Water Loss: 8.80 in<sup>3</sup>  
Resistivity: 0.14 ohm.m  
Salinity: 3800.00 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: 39000 ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	50% Oil/45% Water/5% Mud	0.590
360.00	50% Oil/20% Water/20% Gas/10% Mud	3.346
180.00	30% Mud/15% Water/25% Oil/30% Gas	2.525
90.00	40% Mud/20% Water/20% Oil/20% Gas	1.262
10.00	100% Oil	0.140

Total Length: 760.00 ft      Total Volume: 7.863 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

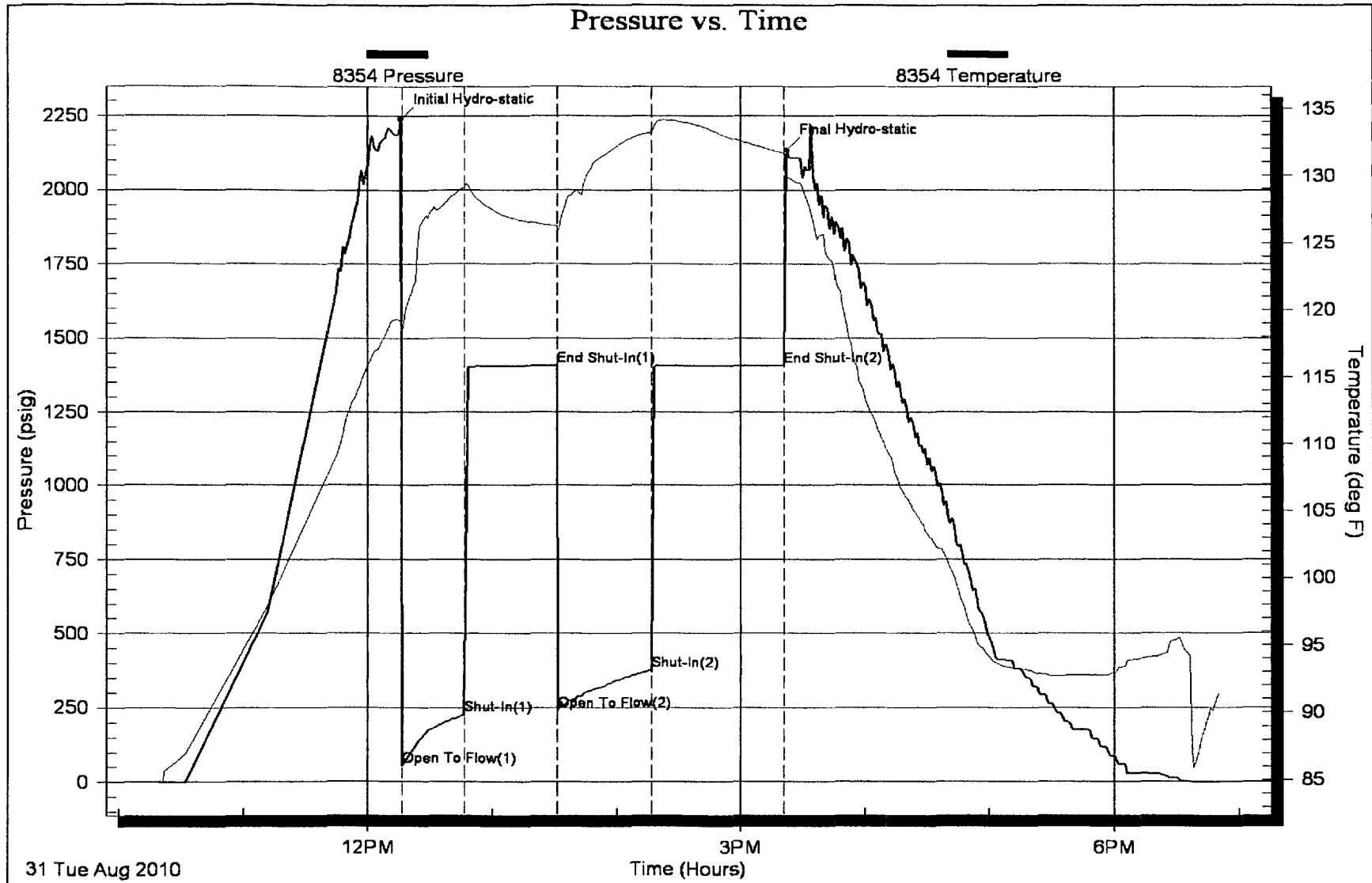
Laboratory Name:

Laboratory Location:

Recovery Comments:

RECEIVED  
DEC 22 2010  
KCC WICHITA



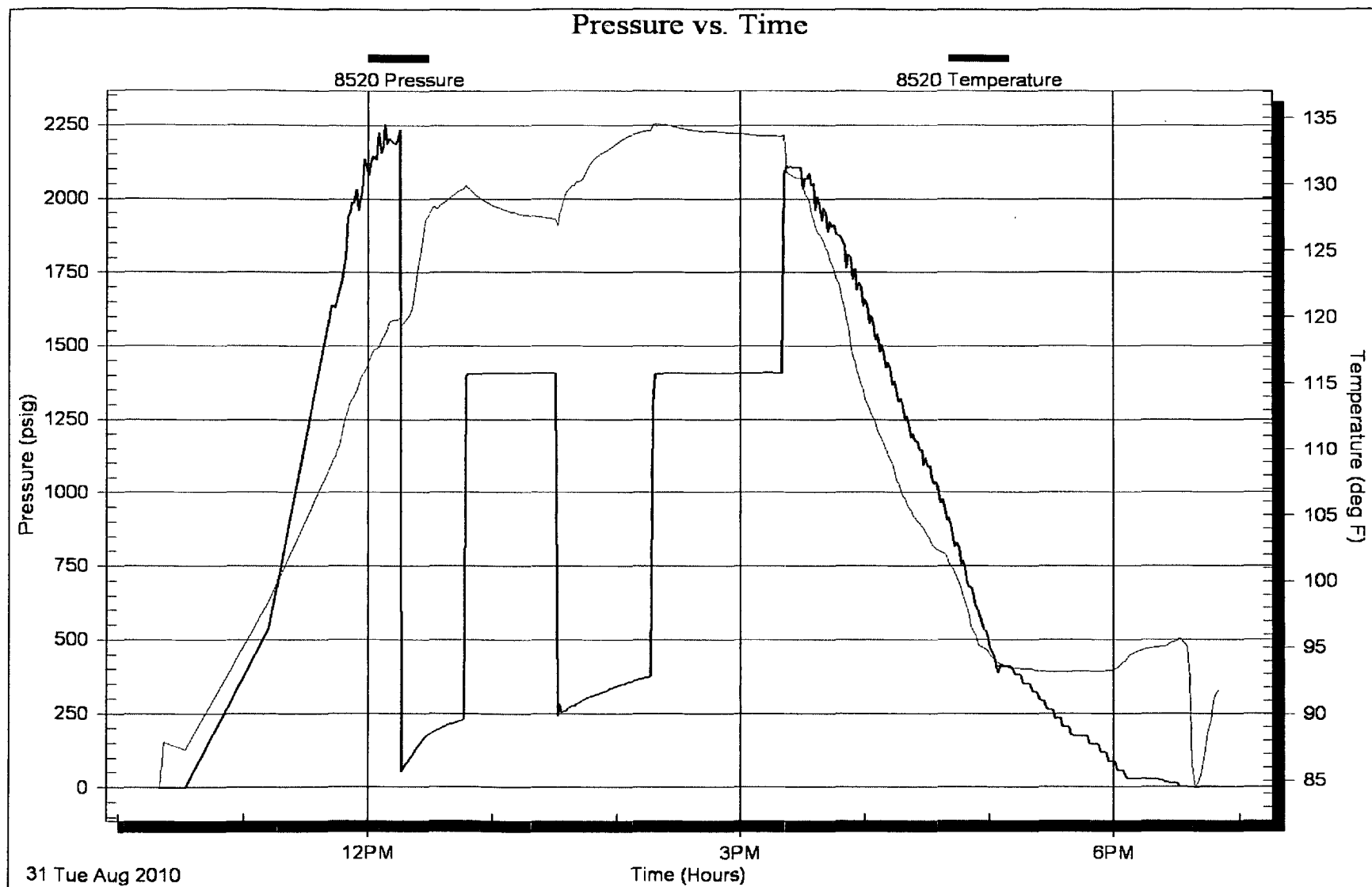


Serial #: 8520

Outside American Warrior

36/22S/23W-Hodgeman

DST Test Number: 1





**TRILOBITE**  
**TESTING, INC**

## DRILL STEM TEST REPORT

American Warrior  
P.O.Box 399  
Garden City, Ks 67846  
ATTN: Scott Alberg

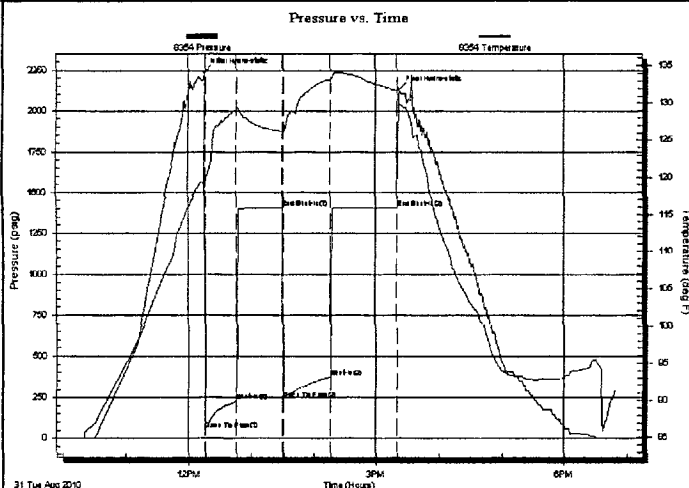
Hodgeman-O'brate 1-36  
36/22S/23W-Hodgeman  
Job Ticket: 39558 DST#: 1  
Test Start: 2010.08.31 @ 10:19:33

### GENERAL INFORMATION:

Formation: Mississippian  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 12:16:33  
Time Test Ended: 18:50:18  
Interval: 4411.00 ft (KB) To 4473.00 ft (KB) (TVD)  
Total Depth: 4473.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Poor  
Test Type: Conventional Bottom Hole  
Tester: Dustin Rash  
Unit No: 38  
Reference Elevations: 2269.00 ft (KB)  
2258.00 ft (CF)  
KB to GR/CF: 11.00 ft

Serial #: 8354 Inside  
Press@RunDepth: 375.66 psig @ 4445.00 ft (KB)  
Start Date: 2010.08.31 End Date: 2010.08.31  
Start Time: 10:19:33 End Time: 18:50:18  
Capacity: 8000.00 psig  
Last Calib.: 2010.08.31  
Time On Btm: 2010.08.31 @ 12:15:33  
Time Off Btm: 2010.08.31 @ 15:22:03

TEST COMMENT: IF-Strong building blow . BOB in 11 minutes 30 seconds.  
ISI-No Return.  
FF-Strong building blow . BOB in 13 minutes.  
FSI-No Return.



### PRESSURE SUMMARY

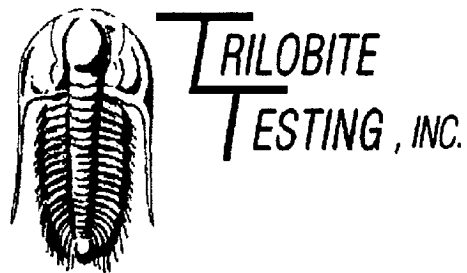
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2237.09	119.25	Initial Hydro-static
1	54.96	118.76	Open To Flow (1)
31	227.29	129.11	Shut-In(1)
76	1405.91	126.23	End Shut-In(1)
76	241.84	125.88	Open To Flow (2)
121	375.66	133.21	Shut-In(2)
185	1406.96	131.67	End Shut-In(2)
187	2133.47	129.93	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
120.00	50% Oil/45% Water/5% Mud	0.59
360.00	50% Oil/20% Water/20% Gas/10% Mud	3.35
180.00	30% Mud/15% Water/25% Oil/30% Gas	2.52
90.00	40% Mud/20% Water/20% Oil/20% Gas	1.26
10.00	100% Oil	0.14

### Gas Rates

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



## DRILL STEM TEST REPORT

Prepared For: **American Warrior**

P.O.Box 399  
Garden City, Ks 67846

ATTN: Scott Alberg

**36/22S/23W-Hodgeman**

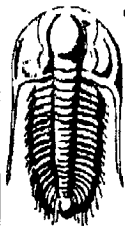
**Hodgeman-O'brate 1-36**

Start Date: 2010.08.31 @ 10:19:33

End Date: 2010.08.31 @ 18:50:18

Job Ticket #: 39558                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE**  
**TESTING, INC**

## DRILL STEM TEST REPORT

American Warrior  
P.O. Box 399  
Garden City, Ks 67846  
ATTN: Scott Alberg

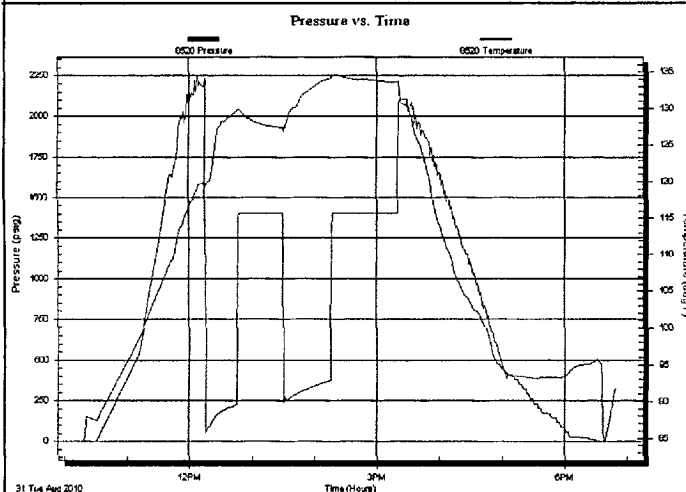
Hodgeman-O'brate 1-36  
36/22S/23W-Hodgeman  
Job Ticket: 39558 DST#: 1  
Test Start: 2010.08.31 @ 10:19:33

### GENERAL INFORMATION:

Formation: Mississippian  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 12:16:33  
Time Test Ended: 18:50:18  
Interval: 4411.00 ft (KB) To 4473.00 ft (KB) (TVD)  
Total Depth: 4473.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Poor  
Test Type: Conventional Bottom Hole  
Tester: Dustin Rash  
Unit No: 38  
Reference Elevations: 2269.00 ft (KB)  
2258.00 ft (CF)  
KB to GR/CF: 11.00 ft

Serial #: 8520 Outside  
Press@RunDepth: psig @ 4445.00 ft (KB)  
Start Date: 2010.08.31 End Date: 2010.08.31 Capacity: 8000.00 psig  
Start Time: 10:19:58 End Time: 18:50:28 Last Calib.: 2010.08.31  
Time On Btm:  
Time Off Btm:

TEST COMMENT: IF-Strong building blow . BOB in 11 minutes 30 seconds.  
IS-No Return.  
FF-Strong building blow . BOB in 13 minutes.  
FS-No Return.



### PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
120.00	50% Oil/45% Water/5% Mud	0.59
360.00	50% Oil/20% Water/20% Gas/10% Mud	3.35
180.00	30% Mud/15% Water/25% Oil/30% Gas	2.52
90.00	40% Mud/20% Water/20% Oil/20% Gas	1.26
10.00	100% Oil	0.14

### Gas Rates

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