



KANSAS CORPORATION COMMISSION 1096583
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 # 32331
Name: DK Operating Inc.
Address 1: 24583 NW 208 RD
Address 2: _____
City: JETMORE State: KS Zip: 67854 + 5311
Contact Person: Daniel L King
Phone: (620) 357-6152
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Jason ALM
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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>6/11/2010</u>	<u>6/18/2010</u>	<u>7/27/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-083-21649-00-00

Spot Description: _____
NE NW SE NE Sec. 4 Twp. 23 S. R. 24 East West

1394 Feet from North / South Line of Section

924 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Hodgeman

Lease Name: HELEN KING Well #: 1-4

Field Name: _____

Producing Formation: Mississippian

Elevation: Ground: 2368 Kelly Bushing: 2371

Total Depth: 4725 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 360 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1556 Feet

If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cm.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1400 ppm Fluid volume: 60 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: Deanna Garrison Date: 10/17/2012



1096583

Operator Name: DK Operating Inc. Lease Name: HELEN KING Well #: 1-4
 Sec. 4 Twp. 23 S. R. 24 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 (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input 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 (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
DIL/ CDL/ BHCS/ CNL				

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	8.6250	24	306	common	200	3%cc 2%gel
Production	7.875	5.5000	17	4720	EA2	175	

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	4636-4640		

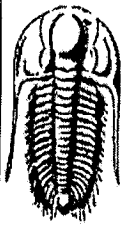
TUBING RECORD:	Size: <u>2..3750</u>	Set At: <u>4677</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>08/01/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>5</u>	Gas Mcf	Water Bbls. <u>0</u>	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 checked="" 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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Form	ACO1 - Well Completion
Operator	DK Operating Inc.
Well Name	HELEN KING 1-4
Doc ID	1096583

Tops

Anhydrite	1586	785
Heebner	3906	-1535
Lansing	3954	-1583
Stark	4257	-1886
B/KC	4368	-1997
Marmaton	4392	-2021
Pawnee	4490	-2119
FT Scott	4521	-2150
Cherokee	4548	-2177
Mississippi	4640	-2269



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

King #1-4

P O Box 399
Garden City Ks 67846-0399

4-23s24w Hodgeman KS

Job Ticket: 38714

DST#: 2

ATTN: Cecil O'Brate

Test Start: 2010.06.18 @ 08:02:22

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.34 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4300.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SOCM2%O98%M	0.070

Total Length: 5.00 ft

Total Volume: 0.070 bbl

Num Fluid Samples: 0

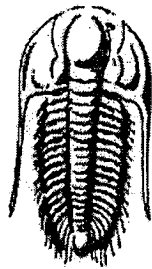
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P O Box 399
Garden City Ks 67846-0399

ATTN: Cecil O'Brate

4-23s24w Hodgeman KS

King #1-4

Start Date: 2010.06.18 @ 08:02:22

End Date: 2010.06.18 @ 12:32:46

Job Ticket #: 38714 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

American Warrior Inc

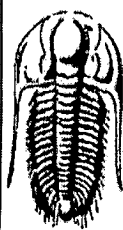
King #1-4

4-23s24w Hodgeman KS

DST # 2

Miss

2010.06.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City Ks 67846-0399

ATTN: Cecil O'Brate

King #1-4
4-23s24w Hodgeman KS
Job Ticket: 38714 DST#: 2
Test Start: 2010.06.16 @ 08:02:22

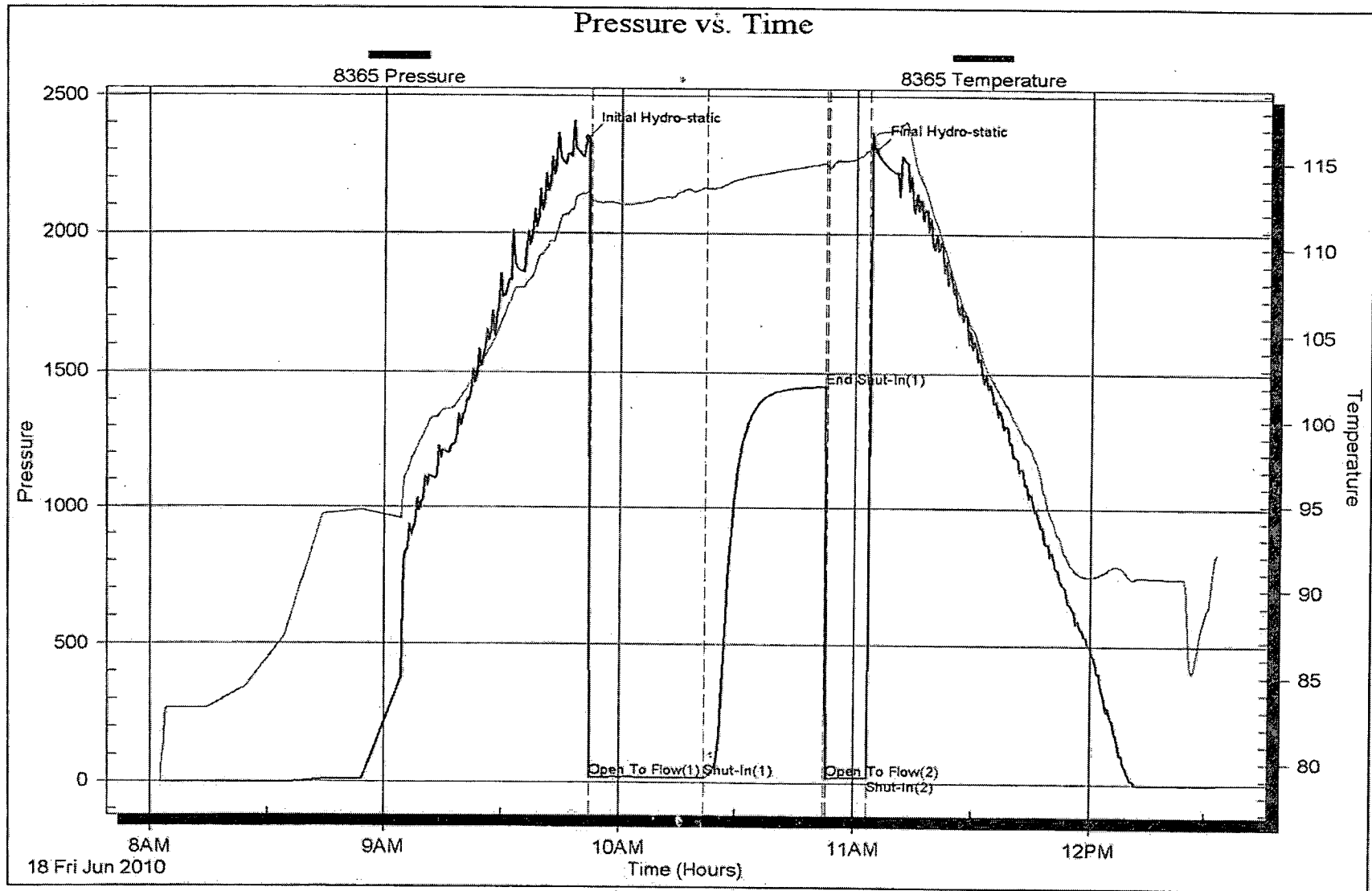
Tool Information

Drill Pipe:	Length: 4653.00 ft	Diameter: 3.80 inches	Volume: 65.27 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	65.27 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4650.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.02 ft			
Tool Length:	43.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4623.00	
Shut In Tool	5.00			4628.00	
Hydraulic tool	5.00			4633.00	
Jars	5.00			4638.00	
Safety Joint	2.00			4640.00	
Packer	5.00			4645.00	28.00 Bottom Of Top Packer
Packer	5.00			4650.00	
Stubb	1.00			4651.00	
Recorder	0.01	8365	Inside	4651.01	
Recorder	0.01	6625	Outside	4651.02	
Perforations	11.00			4662.02	
Bullnose	3.00			4665.02	15.02 Bottom Packers & Anchor
Total Tool Length:	43.02				



Geological Report

American Warrior Inc.
King #1-4
1394' FNL & 924' FEL
Sec. 4 T23S R24W
Hodgeman County, Kansas

Jason Alm/Gil Linenberger
Geologist

American Warrior, Inc.

General Data

Well Data:

American Warrior Inc.
King #1-4
NE-NW-SE-NE
1394' FNL & 924' FEL
Sec. 4 T.23S R.24 W.
Hodgeman County, Kansas
API # 15-083-21, 649-0000

Drilling Contractor: Duke Drilling Co

Spud Date: 6/11/2010

Rotary TD Date: 6/18/2010

Rotary TD: 4725'

Elevation: 2364' Ground Level
2371' Kelly Bushing

Casing: Surface 290' 8 5/8" 24# surface casing set at
306' w/200 sx common 3%cc 2%gel
Production 4720'

Samples: 10' wet and dry, 3700' to RTD

Drilling Time: 3800' to RTD

Electric Logs: DIL/CDL/BHCS/CNL

Drillstem Tests: Two

Problems: None

Formation Tops

King 1-4

Stone Corral	1586'+785
Heebner	3906'-1535
Lansing	3954'-1583
Stark	4257'-1886
BKC	4368'-1997
Marmaton	4392'-2021
Pawnee	4490'-2119
Ft Scott	4521'-2150
Cherokee	4548'-2177
Mississippi	4640'-2269
RTD	4725'-2354

DST 1: Mississippi

Interval (4565'-4650') Anchor Length 85'

I.F Weak Blow ¼" to 3"	IF 51-69#
I.S.I No Blow	ISI 1036#
F.F Weak Surface to 1" Blow	FF 76-103#
F.S.I	FSI 971#

Recovery: 30' HOCM	20%oil	80%mud
60' OCM	10%oil	90%mud

DST 2: Mississippi

Interval (4650'-4665') Anchor Length 15'

I.F Surface Blow	IF 16-17#
I.S.I No Blow	ISI 1450#
F.F No Blow	FF 17-18#
F.S.I Pulled Test	

Recovery: 5' SOCM	2%oil	98%mud
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Summary: Due to structural position and log information, the decision was made to case the King 1-4 for further evaluation.



CHARGE TO: American International Inc
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
5

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>NESS CITY, KS</u>	WELL/PROJECT NO. <u>117</u>	LEASE <u>TR</u>	COUNTY/PARISH <u>Hodgeman</u>	STATE <u>KS</u>	CITY <u>Ness City</u>	DATE <u>7-27-10</u>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>117 - 117</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <u>Te more</u>	ORDER NO.	
3.	WELL TYPE	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Comm. / Oil / Gas</u>	WELL PERMIT NO.	WELL LOCATION <u>Te more 3W 2.5</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE TRK # 117	35		mi		5.00	175.00
576					Pump charge for 117 offices	1		hr		1100.00	1100.00
581					Service Charge / cement	51		hr		40.50	2065.50
583					Leasing	1		hr		303.75	303.75
330					Sw. Maint. - Perry	60		hr		33.33	2000.00
276					1 lock	50		lbs		14.00	700.00
210					W-Air	2		gal		35.00	70.00
105					Tool Coffer Rental / men	1		hr		300.00	300.00
289					Sw. Maint.	1		hr		6.00	6.00

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 Joe

DATE SIGNED 7-23-10 TIME SIGNED 12 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	710
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	49,247.11

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

SWIFT OPERATOR [Signature]

APPROVAL [Signature] Thank You!

JOBLOG

SWIFT Services, Inc.

DATE 7-23-10 PAGE NO.

CUSTOMER American Warrior

WELL NO. 1-4

LEASE King

JOB TYPE Cement Port Coll.

TICKET NO. 18851

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							In Location 2 3/8 x 5 1/2 PC @ 1556 RBP-3641'
	1305			✓		1000		Test RBP-Held
	1310		12	✓				Spot 1 sk Sand Pull to Port Coller
	1430			✓		1000		Pressure Test Annulus-Held
	1435	3 1/2		✓		300		Open Port Coller-Triection Rate
	1440	3 1/2		✓		300		Start Cement @ 11.2 gpg
		3 1/2	83	✓		500		Cement to Surface 160 cks Total 15 sks to bit
		3 1/2	88			200		Shut Down-Start Displacement
			5.5	✓		700		Shut Down-Shut in
								Close Tool
				✓		1000		Pressure Test-Held
			20	✓				Run STTs Reverse Clean
			40	✓				Wash Track Get Sand & ff RBP
	1630							Job Complete Thank you Bret + Dave + Shane