

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
October 2008  
Form Must Be Typed

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

2/4/10

OPERATOR: License # 4058

Name: American Warrior Inc.

Address 1: P.O. Box 399

Address 2: \_\_\_\_\_

City: Garden City State: Ks. Zip: 67846 + \_\_\_\_\_

Contact Person: Jody Smith

Phone: ( 620 ) 272-1023

CONTRACTOR: License # 5929

Name: Duke Drilling Co. Inc.

Wellsite Geologist: Jason Alm

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well      \_\_\_\_\_ Re-Entry      \_\_\_\_\_ Workover
  - Oil      \_\_\_\_\_ SWD      \_\_\_\_\_ SLOW
  - \_\_\_\_\_ Gas      \_\_\_\_\_ ENHR      \_\_\_\_\_ SIGW
  - \_\_\_\_\_ CM (Coal Bed Methane)      \_\_\_\_\_ Temp. Abd.
  - \_\_\_\_\_ Dry      \_\_\_\_\_ Other
- (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

\_\_\_\_\_ Deepening      \_\_\_\_\_ Re-perf.      \_\_\_\_\_ Conv. to Enhr.      \_\_\_\_\_ Conv. to SWD

\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth

\_\_\_\_\_ Commingled      Docket No.: \_\_\_\_\_

\_\_\_\_\_ Dual Completion      Docket No.: \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Enhr.?)      Docket No.: \_\_\_\_\_

10/27/09      11/3/09      2/2/10

Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 083-21614 -00-00

Spot Description: \_\_\_\_\_

NE SE SW SW Sec. 12 Twp. 22 S. R. 22  East  West

350' Feet from  North /  South Line of Section

1050' Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Hodgeman

Lease Name: Ruff Well #: 2-12

Field Name: Hanston Oppy East

Producing Formation: Ft. Scott

Elevation: Ground: 2152' Kelly Bushing: 2163'

Total Depth: 4480' Plug Back Total Depth: 4380'

Amount of Surface Pipe Set and Cemented at: 1346' 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** AKINS 2-12-10  
(Data must be collected from the Reserve Pit)

Chloride content: 14,000 ppm Fluid volume: 80 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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: [Signature]

Title: Foreman Date: 2/4/10

Subscribed and sworn to before me this 4<sup>th</sup> day of February

20 10

Notary Public: [Signature]

Date: 10/15/2013 10/15/2013

My Appt. Expires 10/15/2013

**KCC Office Use ONLY**

Y Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

\_\_\_\_\_ UIC Distribution

**RECEIVED**  
KANSAS CORPORATION COMMISSION

FEB 08 2010

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: American Warrior Inc. Lease Name: Ruff Well #: 2-12  
 Sec. 12 Twp. 22 S. R. 22  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 copy of all Electric Wireline 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 checked="" type="checkbox"/> Yes <input 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 <i>(Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Micro, Porosity and Bond.</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhy</td> <td>1327'</td> <td>+836</td> </tr> <tr> <td>Base Anhy</td> <td>1357'</td> <td>+806</td> </tr> <tr> <td>Heebner</td> <td>3736'</td> <td>-1573</td> </tr> <tr> <td>Lansing/KC</td> <td>3793'</td> <td>-1630</td> </tr> <tr> <td>Ft.Scott</td> <td>4320'</td> <td>-2157</td> </tr> <tr> <td>Cherokee</td> <td>4343'</td> <td>-2180</td> </tr> <tr> <td>Mississippian</td> <td>4394'</td> <td>-2231</td> </tr> </table>	Name	Top	Datum	Anhy	1327'	+836	Base Anhy	1357'	+806	Heebner	3736'	-1573	Lansing/KC	3793'	-1630	Ft.Scott	4320'	-2157	Cherokee	4343'	-2180	Mississippian	4394'	-2231
Name	Top	Datum																							
Anhy	1327'	+836																							
Base Anhy	1357'	+806																							
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Ft.Scott	4320'	-2157																							
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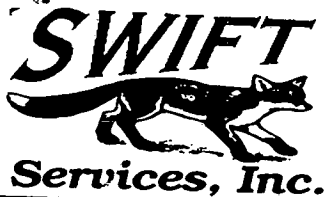
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	85/8	23#	1346'	SMD	470	2%gel, 3%CC
Production	77/8	51/2	15.5#	4476'	EA-2	125sx	Flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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	4335' to 4340'	2500 gal, 15%FE	4335
	4380' CIBP		
4	4394 to 4397'	0	

TUBING RECORD:	Size: <u>23/8</u>	Set At: <u>4477'</u>	Packer At: <u>None</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>SI</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>8</u>	Gas Mcf <u>0</u>	Water Bbls. <u>45</u>	Gas-Oil Ratio <u> </u> Gravity <u> </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 type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4335' to 4340'</u>
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CHARGE TO: American Warrior Inc.  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 FEB 08 2010  
 CONSERVATION DIVISION  
 WICHITA, KS

TICKET  
 17146

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. Ness City KS  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_

WELL/PROJECT NO. 2-12 LEASE Ruff COUNTY/PARISH Hodgeman STATE KS CITY Ness City DATE 10-28-09 OWNER \_\_\_\_\_

TICKET TYPE  SERVICE  SALES CONTRACTOR Duke Drilling Co. RIG NAME/NO. 5 SHIPPED VIA \_\_\_\_\_ DELIVERED TO Hanston ORDER NO. \_\_\_\_\_

WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Cement Surface WELL PERMIT NO. \_\_\_\_\_ WELL LOCATION Hanston E, I, N, KE, Nite

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

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE Trk #114	50	mi			5.00	250.00
576D		1			Pump Change Deep Surface	1	ea	1348	ft	1100.00	1100.00
221		1			Liquid KCL	2	gal			25.00	50.00
281		1			Mud Flush	500	gal			1.00	500.00
402		1			Centralizer	4	ee	8 5/8	LI	70.00	280.00
403		1			Cement Basket	1	ea	8 5/8	11	225.00	225.00
410		1			Top Plug	1	ea	8 5/8	11	100.00	100.00
412		1			Baffle Plate	1	ea	8 5/8	11	100.00	100.00

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 FEB 04 2010  
 KCC

**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 10-28-09 TIME SIGNED 1830  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 1	2605.00
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 type="checkbox"/> YES	<input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	12,108.90

subtotal 11,571.13  
 TAX Hedgerman 6.45% 537.77

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

SWIFT OPERATOR Brett Corsair APPROVAL \_\_\_\_\_

Thank You!



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

TICKET CONTINUATION

TICKET No. 17146

CUSTOMER American Warrior WELL Ruff 2-12 DATE 10-28-09 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
330		1				Swift Multi-Density Stacks	470	sk			14.00	6580.00
276		1				Flocele	125	lbs			1.50	187.50
278		1				Calcium Chloride	4	sk			35.00	140.00
290		1				D-Air	5	gal			35.00	175.00
581		1				SERVICE CHARGE					1.50	705.00
583		1				MILEAGE CHARGE	47145	TOTAL WEIGHT	2357250	LOADED MILES	178.63	1178.63

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FEB 08 2010  
CONSERVATION DIVISION  
WICHITA, KS

CONFIDENTIAL  
FEB 04 2010  
KCS

CONTINUATION TOTAL 8966.13

JOB LOG

SWIFT Services, Inc.

DATE 02-28-09 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 2-12 LEASE Ruff JOB TYPE Cement Surface TICKET NO. 17146

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1830							On Location TD 1348' 8 5/8 23# TP 1346' Cent. 1, 4, 12, 25 PS 1346' Basket 23 ST-26'
	1925							Start Casing
	2130							Break Circulation
	2200	6 3/4	32	✓				250 Pump Mud Flush + KCL Flush
	2240	4 1/2		✓				250 Start Cement 11.8 ppg 100 sks
		4 1/2	47	✓				250 Cement 12.4 ppg 120 sks
		4 1/2	93	✓				250 Cement 13.0 ppg 100 sks
		4 1/2	127	✓				200 Cement 14.0 ppg 100 sks
		4 1/2	155	✓				200 Cement 15.0 ppg 50 sks
	2300	4 1/2	167	✓				- Shut Down - Release Plug
		6 3/4		✓				200 Start Displacement
			39	✓				400 Cement to Surface 100 sks to pit
	2315		84.4					Shut Down - Shut in - Wash Truck
	2300							Job Complete Thank you Brett, Dave & Jason

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FEB 08 2010

CONSERVATION DIVISION  
WICHITA, KS

CONFIDENTIAL  
FEB 08 2010  
REC'D



CHARGE TO: American Warrior Inc.  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 FEB 08 2010  
 CONSERVATION DIVISION  
 WICHITA, KS

TICKET  
 17149

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. Ness City KS WELL/PROJECT NO. 2-12 LEASE Ruff COUNTY/PARISH Hodgeman STATE KS CITY Ness City DATE 11-3-09 OWNER \_\_\_\_\_  
 2. TICKET TYPE \_\_\_\_\_ CONTRACTOR Duke Drlg. Co. RIG NAME/NO. 5 SHIPPED VIA \_\_\_\_\_ DELIVERED TO Hanston ORDER NO. \_\_\_\_\_  
 3. WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Cement Longstring WELL PERMIT NO. \_\_\_\_\_ WELL LOCATION Hanston 1E, 1N, 4E, Ninto  
 4. REFERRAL LOCATION \_\_\_\_\_ INVOICE INSTRUCTIONS \_\_\_\_\_

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575		1			MILEAGE Trk #114	50	mi	5	00	250 00
578		1			Pump Charge Longstring	1	ea	1400	00	1400 00
221		1			Liquid KCL	2	gal	25	00	50 00
281		1			Mud Flush	500	gal	1	00	500 00
402		1			Centralizer	9	ea	5 1/2	00	495 00
403		1			Cement Basket	2	ea	5 1/2	00	360 00
406		1			Latch Down Plug & Baffle	1	ea	5 1/2	00	225 00
407		1			Insert Float Shoe w/ Auto Fill	1	ea	5 1/2	00	275 00
419		1			Rotating Head Rental	1	ea	5 1/2	00	150 00

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 FEB 04 2010  
 KSC

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

x [Signature]  
 DATE SIGNED 11-3-09 TIME SIGNED 9:30  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	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	3705 00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	3978 13
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	8025 79

sub total 7083 13  
 TAX Hedgeman 6.45% 342 60



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

TICKET CONTINUATION

TICKET No. 17149

CUSTOMER American Warrior WELL Ruff 2-12 DATE 11-3-09 PAGE 2 OF 12

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY	U/M	QTY	U/M			
325		1				Standard Cement	175	skt			11.00	1925.00	
276		1				Flocele	50	lbs			1.50	75.00	
283		1				Salt	900	lbs			0.15	135.00	
284		1				Casual	8	skt			30.00	240.00	
290		1				D-Air	2	gal			35.00	70.00	
292		1				Haled 322	125	lbs			6.50	812.50	
581		1				SERVICE CHARGE				CUBIC FEET	1.50	262.50	
583		1				MILEAGE CHARGE	18325	TOTAL WEIGHT	916250	LOADED MILES	458.13	1.00	458.13

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CONSERVATION DIVISION  
WICHITA, KS

CONFIDENTIAL  
FEB 04 2010

CONTINUATION TOTAL 3978.13

JOB LOG

SWIFT Services, Inc.

DATE 11-3-09 PAGE NO. 1

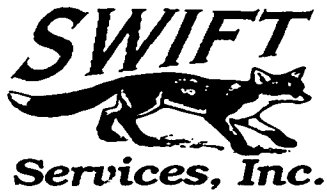
CUSTOMER American Warrior WELL NO. 2-12 LEASE Ruff JOB TYPE Cement Longstring TICKET NO. 17149

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0930							On Location 5 1/2 15.6# TD-4484' TP-4476' PS-4476' SJ-21' Cent. 1, 2, 3, 4, 5, 6, 7, 8, 9 Basket 2, 5
	1200							Break Circulation
	1245	6 3/4	32	✓			350	Pump Mud Flush + KCL Flush
	1250	3 1/2	7	✓				Plug Rat Hole 30 sks
	1255	3 1/2	5	✓				Plug Mouse Hole - 20 sks
	1300	4 1/2		✓			300	Start Cement 12.5 sks a 15.5 ppv
	1315		30	✓			-	Shut Down - Release Plug - Wash Pump line
	1315	6 3/4		✓			250	Start Displacement
		6 3/4	83	✓			400 850	Lift Cement Max Lift
	1330		106.0				1500	Land Plug + 500 ps Release - Hold
								Wash Truck
	1400							Job Complete
								Thank you Brett, David Jason

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KANSAS CORPORATION COMMISSION  
FEB 08 2010  
CONSERVATION DIVISION  
WICHITA, KS

CONSERVATION DIVISION  
FEB 04 2010  
WICHITA, KS





CHARGE TO:  
**AMERICAN WARRIOR INC.**  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET  
**18307**

PAGE 1 OF 1

SERVICE LOCATIONS 1. <b>NESS CITY KS.</b>	WELL/PROJECT NO. <b>2-12</b>	LEASE <b>RUFF</b>	COUNTY/PARISH <b>HODGEMAN</b>	STATE <b>CO</b>	CITY <b>HANSTON KS.</b>	DATE <b>012810</b>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <b>HD</b>	RIG NAME/NO. <b>#6</b>	SHIPPED VIA	DELIVERED TO <b>1E. RD 229, IN RD Q 1/2 E N. INTO</b>	ORDER NO.	
3.	WELL TYPE <b>OIL WELL</b>	WELL CATEGORY <b>DEVELOPMENT</b>	JOB PURPOSE <b>ADDRES RE-TREAT</b>	WELL PERMIT NO.	WELL LOCATION <b>19612-225-22W</b>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
500		1			MILEAGE 107	1	@	45	ml	5.00	225.00
501		1			ACID PUMP CHARLES	1	@			6.00	6.00
300	RECEIVED FEB 22 2010 KCC WICHITA	1			REGULAR ACID W/NE ADDITIVES	4000	gal	15	%	1.40	5600.00
221		1			LIQUID KCL	2	gal			25.00	50.00
230		1			SURF-3	10	gal			25.00	250.00
235		1			INITER-1	7	gal			35.00	245.00
254		1			MCELL-1	10	gal			35.00	350.00
510		1			DELIVERY CHARLES TRANSPORT	1	@	4	hrs	80.00	320.00

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

NOL  
 X  
 DATE SIGNED **01 28 10** TIME SIGNED **1130**  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	7640.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				27320.00	
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		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	7640.00

Hodgeman TAX 6.45%

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

SWIFT OPERATOR **DUSTY D. FULK** APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 012810 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR WELL NO. 2-12 LEASE RUFF JOB TYPE ACCEZZE RE-TREAT TICKET NO. 18307

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0959							ON LOCATION 14D FINISHED UP SWAB
								TAK SEAR HULL PERFS. 4375'-40'
								FED HT 19' SPOT NONE
								2 7/8 x 5 1/2 TUBING 4321'
								CS. 19' 4522 Bbl
								Tb 4321' 16.72227 Bbl
								TOTAL 17.17447 Bbl
	0917	4.5	10	✓		0		START PUMPING
	0920	4.5	12	✓		0		
	0928	3.75	44	✓		0		
	0935	3.50	67	✓		125		LOADED SLEWT PRESSURE INCREASE
	0936	2.9	69.5	✓		200		
	0938	2.5	72	✓		250		
	0939	2.5	74.5	✓		275		
	0941	2.0	77	✓		300		
	0942	1.75	79	✓		325		
	0943	1.50	80.5	✓		350		
	0949	1.50	98	✓		400		
	0953	1.50	93.5	✓		500		
	0955	1.50	96	✓		500		ON FLUSH
	0957	1.50	100	✓		550		
	1007	1.50	115.75	✓		600		LEVELED OUT ON PSI
	1024	1.50	142.50	✓		600		
	1028	1.50	148.00	✓		600		
	1052	1.75	170	✓		625		
	1100	0	185	✓		500		ISIP
						400		5 MEN
						350		10 MEN
						325		15 MEN CLOSED IN LET SET 1 HR.
								REL DOWN
								TICKET
	1130							JOB COMPLETED
								THANK YOU DUSTY! JEFF! BARRY!

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# **Geological Report**

American Warrior, Inc.  
**Ruff #2-12**  
350' FSL & 1050' FWL  
Sec. 12 T22s R22w  
Hodgeman County, Kansas



**American Warrior, Inc.**

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## General Data

Well Data: American Warrior, Inc.  
Ruff #2-12  
350' FSL & 1050' FWL  
Sec. 12 T22s R22w  
Hodgeman County, Kansas  
API # 15-083-21614-0000

Drilling Contractor: Duke Drilling Co., Inc. Rig #5

Geologist: Jason Alm

Spud Date: October 27, 2009

Completion Date: November 3, 2009

Elevation: 2152' Ground Level  
2163' Kelly Bushing

Directions: Hanston-KS, 1 mi. Northeast on Hwy 156, North 1  
mi. on county road SE 229, East ¼ mi. North into  
location.

Casing: 1346' 8 5/8" surface casing  
4483' 5 1/2" production casing

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

Drilling Time: 3600' to RTD

Electric Logs: Log-Tech, Inc. "Jason Wellbrock"  
CNL/CDL, DIL, MEL

Drillstem Tests: Two, Trilobite Testing, Inc. "Chris Hagman"

Problems: None

Remarks: None

## Formation Tops

Formation	American Warrior, Inc. Ruff #2-12 Sec. 12 T22s R22w 350' FSL & 1050' FWL
Anhydrite	1327', +836
Base	1357', +806
Heebner	3736', -1573
Lansing	3793', -1630
Stark	4054', -1891
BKc	4156', -1993
Marmaton	4166', -2003
Pawnee	4274', -2111
Fort Scott	4320', -2157
Cherokee	4343', -2180
Mississippian	4394', -2231
Gilmore City	4449', -2286
RTD	4480', -2317
LTD	4484', -2321

## Sample Zone Descriptions

- Fort Scott (4320', -2157):** Covered in DST #1  
 Ls – Fine to medium crystalline with fair inter-crystalline and slight vuggy porosity, light to heavy oil stain and saturation, good show of free oil, heavy chert, angular, bright yellow fluorescents, 48 units hotwire.
- Mississippian Osage (4394', -2231):** Covered in DST #2  
 Dolo – Δ – Fine sucrosic crystalline with fair vuggy porosity, heavy chert, triptolitic, heavily weathered with good vuggy porosity, light to fair oil stain and saturation, fair show of free oil, fair odor, bright yellow fluorescents, 32 units hotwire.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Chris Hagman"

**DST #1**

**Fort Scott**

Interval (4300' - 4350') Anchor Length 50'

IHP	- 2104 #	
IFP	- 30" - W.S.B.	20-31 #
ISI	- 30" - Dead	243 #
FFP	- 10" - Dead	34-34 #
FHP	- 2163 #	
BHT	- 114°F	

Recovery: 10' Mud

**DST #2**

**Mississippian Osage**

Interval (4393' - 4402') Anchor Length 9'

IHP	- 2217 #	
IFP	- 30" - B.O.B. 5 min.	64-338 #
ISI	- 45" - Built to 2 in.	1202 #
FFP	- 30" - B.O.B. 5 min.	341-523 #
FSI	- 45" - Built to 1.5 in.	1199 #
FHP	- 2159 #	
BHT	- 129°F	

Recovery: 186' GIP  
93' GCO  
1116' GCW

Gravity: 37° API

## Structural Comparison

Formation	American Warrior, Inc. Ruff #2-12 Sec. 12 T22s R22w 350' FSL & 1050' FWL	American Warrior, Inc. Ruff #1-12 Sec. 12 T22s R22w 1042' FSL & 2334' FWL		Tenneco Oil Co. Mary Kuhn #2 Sec. 13 T22s R22w C NE NW	
	Anhydrite	1327', +836	1326', +836	FL	NA
Base	1357', +806	1356', +806	FL	NA	NA
Heebner	3736', -1573	3732', -1570	(-3)	3722', -1565	(-8)
Lansing	3793', -1630	3789', -1627	(-3)	3780', -1623	(-7)
Stark	4054', -1891	4048', -1886	(-7)	4043', -1885	(-6)
BKc	4156', -1993	4154', -1992	(-1)	4154', -1986	(-7)
Marmaton	4166', -2003	4166', -2004	(+1)	4166', -2008	(-5)
Pawnee	4274', -2111	4272', -2110	(-1)	4266', -2108	(-3)
Fort Scott	4320', -2157	4314', -2152	(-5)	4310', -2152	(-5)
Cherokee	4343', -2180	4340', -2178	(-2)	4335', -2177	(-3)
Mississippian	4394', -2231	4389', -2227	(-4)	4388', -2230	(-1)
Gilmore City	4449', -2286	4449', -2287	(+1)	4456', -2298	(+12)

### Summary

The location for the Ruff #2-12 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 Ruff #2-12 well.

### Recommended Perforations

**Primary:**

**Mississippian Osage:** (4394' – 4397') **DST #2**

**Before Abandonment:**

**Fort Scott:** (4335' – 4340') **DST #1**

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.