

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

**ORIGINAL**

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

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: Jason Alm  
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 #: \_\_\_\_\_

<u>6/24/10</u>	<u>7/2/10</u>	<u>7/20/10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 083-21, 644-0000

Spot Description: SE-NE-NW-SE

SE\_NE\_NW\_SE Sec. 20 Twp. 21 S. R. 24  East  West

2,140 Feet from  North /  South Line of Section

1,350 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Hodgeman

Lease Name: JJ Nuss Well #: 1-20

Field Name: Pawnee Branch

Producing Formation: Mississippi

Elevation: Ground: 2366' Kelly Bushing: 2377'

Total Depth: 4494' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 215 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1624 Feet

If Alternate II completion, cement circulated from: Surface

feet depth to: 1624' w/ 130 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 20,000 ppm Fluid volume: 100 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: Byron Bland  
Title: Geologist Date: 8/12/10

**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: Dlg Date: 8/17/10

**RECEIVED**  
8/17/10  
**AUG 13 2010**

Operator Name: American Warrior, Inc Lease Name: JJ Nuss Well #: 1-20  
 Sec. 20 Twp. 21 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 <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 type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>GR/NL</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>Stone Corral</td> <td>1601'</td> <td>+776</td> </tr> <tr> <td>Base Stone Corral</td> <td>1637'</td> <td>+740</td> </tr> <tr> <td>Heebner</td> <td>3819'</td> <td>-1442</td> </tr> <tr> <td>Lansing</td> <td>2868'</td> <td>-1491</td> </tr> <tr> <td>Stark</td> <td>4131'</td> <td>-1754</td> </tr> <tr> <td>Cherokee</td> <td>4407'</td> <td>-2030</td> </tr> <tr> <td>Mississippi</td> <td>4468'</td> <td>-2091</td> </tr> </table>	Name	Top	Datum	Stone Corral	1601'	+776	Base Stone Corral	1637'	+740	Heebner	3819'	-1442	Lansing	2868'	-1491	Stark	4131'	-1754	Cherokee	4407'	-2030	Mississippi	4468'	-2091
Name	Top	Datum																							
Stone Corral	1601'	+776																							
Base Stone Corral	1637'	+740																							
Heebner	3819'	-1442																							
Lansing	2868'	-1491																							
Stark	4131'	-1754																							
Cherokee	4407'	-2030																							
Mississippi	4468'	-2091																							

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#	215'	Common	150	3%cc 2%gel
Production	7-7/8"	5-1/2"	17#	4493'	EA-2	150	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	4483'-4493'	1250 Gal 20%FENE	Same

TUBING RECORD: Size: <u>2-3/8"</u> Set At: <u>4557</u> Packer At: _____		Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>N/A</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>N/A</u>	Gas Mcf <u>N/A</u>
		Water Bbls. <u>N/A</u>
		Gas-Oil Ratio
		Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <div style="text-align: center; border: 1px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="text-align: center; border: 1px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;">AUG 13 2010</div>
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# ALLIED CEMENTING CO., LLC. 036707

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

SERVICE POINT:  
Great Bend KS

DATE <u>6-25-10</u>	SEC. <u>20</u>	TWP. <u>21</u>	RANGE <u>24 W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30 AM</u>	JOB FINISH <u>12:00</u>
LEASE <u>SS Nuss</u>	WELL # <u>1-20</u>	LOCATION <u>Schmore N To T RD 1 west</u>			COUNTY <u>Hodeman</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>1 North 2 1/2 west 1/2 North section</u>					

CONTRACTOR ~~Schmore~~ Duke Rig 5

OWNER American warrior

TYPE OF JOB Surface

HOLE SIZE 12 3/4 T.D. 220

CASING SIZE 8 3/4 DEPTH 215

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 12 3/4

EQUIPMENT

PUMP TRUCK CEMENTER Wayne-D

# 181 HELPER Wayne-D

BULK TRUCK

# 344 DRIVER Bob-R

BULK TRUCK

# DRIVER

REMARKS:

Pipe on Bottom Break circulation  
with Rig mud. Shut Down  
Hook up To Cementing mix 150SX  
Displace 12 3/4 BBHs fresh water  
Shut in cement did circulate  
wash up Rig Down

CHARGE TO: American warrior

STREET

CITY STATE ZIP

CEMENT

AMOUNT ORDERED 150 SX class A 3%<sup>cc</sup>  
2% Gel

COMMON 150 @ 13.50 2025.00

POZMIX @

GEL 3 @ 20.25 60.75

CHLORIDE 5 @ 51.50 257.50

ASC @

@

@

@

@

@

@

@

HANDLING 150 @ 2.25 337.50

MILEAGE 150 x 1.5 x 1.0 225 300.00

TOTAL 2,980.75

SERVICE

DEPTH OF JOB 215

PUMP TRUCK CHARGE 990.00

EXTRA FOOTAGE @

MILEAGE 15 @ 7.00 105.00

MANIFOLD @

RECEIVED @

@

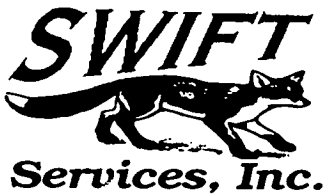
AUG 13 2010

KCC WICHITA TOTAL 1095.00

PLUG & FLOAT EQUIPMENT

@

@



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

RECEIVED  
 AUG 13 2010

TICKET  
 18610

KCC WICHITA

PAGE 1 OF 2

SERVICE LOCATIONS: **NESS CITY**  
 WELL/PROJECT NO.: **JJ NUSS 1-20** LEASE: **HODGEMAN** COUNTY/PARISH: **KS** STATE: **KS** CITY: **JETMORE, KS.** DATE: **1 July 10** OWNER:  
 TICKET TYPE:  SERVICE  SALES CONTRACTOR: **DURE DRILLING RIG #5** RIG NAME/NO.: SHIPPED VIA: DELIVERED TO: **LOCATION** ORDER NO.:  
 WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **5 1/2 LONGSTRING** WELL PERMIT NO.: WELL LOCATION: **N 1/2 WHITESCHOOL, 1 W 1/2, 2 1/2 W, 1/2 N, 1/2 W, S/W Twp 20**  
 REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 110	30	MIL			5.00	150.00
578		1			PUMP CHARGE	1	JOB	4493	FT.	1400.00	1400.00
221		1			LIQUID KCL	2	BARL			25.00	50.00
281		1			MUD FLWSH	500	BARL			1.00	500.00
402		1			CENTRALIZERS	9	EA.	5 1/2		55.00	495.00
403		1			CEMENT BASKETS	2	EA.			200.00	400.00
404		1			PORT COLLAR 5 1/2	1	EA	1624	FT	1900.00	1900.00
407		1			INSERT FLOAT SHOE W/AUTO FILL	1	EA			275.00	275.00
406		1			LATCH DOWN PLUG & BAFFLE.	1	EA			225.00	225.00
419		1			ROTATING HEAD RENTAL	1	JOB			150.00	150.00
276		1			FLOCELE	44	lbs			1.50	66.00
											5611.00

**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  
 SIGNED: *Kenneth McPherson*  
 TIME SIGNED: **July 10 2200**  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 1	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL	<del>5611.00</del>
WE UNDERSTOOD AND MET YOUR NEEDS?				PAGE 2	3943.25
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal	9554.25
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Hodgeman TAX 7.45%	556.29
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	10,110.54
<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: *Joe Harshbarger* APPROVAL:  
 Thank You!



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

TICKET CONTINUATION

TICKET No. 18610

CUSTOMER AMERICAN WARRIOR WELL JJ NUSS 1-20 DATE 15 July 10 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.	UM		
290		1				D-AIR	2	SKS			35.00	70.00
292		1				HALAD 322	123	lbs.			7.00	861.00
283		1				SALT	900	lbs.			15.00	1350.00
284		1				CALSEAL	8	SKS			30.00	240.00
325		1				STANDARD CEMENT	175	SKS			12.00	2100.00
581		1				SERVICE CHARGE					1.50	262.50
583						MILEAGE CHARGE					1.00	274.75
						TOTAL WEIGHT	18317	lbs				
						LOADED MILES						
						TON MILES						

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KCC WICHITA

CONTINUATION TOTAL 3943.25

**JOB LOG**

**SWIFT Services, Inc.**

DATE 1 July 10 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR WELL NO. \_\_\_\_\_ LEASE JJ NUSS 1-20 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 18610

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2200							ON LOCATION
	2330							START 5 1/2 CASING - 106 JTS RTD @ 4494 SET @ 4493 SHOE JT 21.54 5 1/2 - 15.5 # PORT COLLAR JT 69, 1624-TOTAL PIPE 4498 CENTRALIZERS 1, 3, 5, 7, 9, 11, 13, 16, 8, 70 CEMENT BASKETS 2, 169
	0130							DROP BALL CIRCULATE
	0200	6	12		✓		200	PUMP 500 GAL MUD FLUSH
	0202	6	20		✓		200	PUMP 20 BBL KCL FLUSH
	0207	2	7-5		✓			PLUG RH (30SKS), MH (20SKS)
	0218	4	42		✓		200	MIX CEMENT 125 SKS EA-2 @ 15.5 PPG.
	0233							RELEASE PLUG.
	0235	6			✓		300	DISPLACE PLUG.
	0254		106		✓		1500	LATCH PLUG IN PRESSURE UP - HELD.
	0257							RELEASE PRESSURE
	0300							WASH TRUCK UP
	0330							JOB COMPLETE
								THANKS #110
								JASON, ROGER, JASON F.

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AUG 13 2010  
KCC WICHITA



CHARGE TO: American Warrior

ADDRESS

CITY, STATE, ZIP CODE

RECEIVED  
AUG 13 2010  
KCC WICHITA

TICKET  
18641

PAGE 1 OF 1

OFFICE LOCATIONS: Ness City KS

WELL/PROJECT NO. 1-20 LEASE JJ Nuss COUNTY/PARISH Hodgeman STATE KS CITY Jetmore DATE 9/10 OWNER

TICKET TYPE:  SERVICE  SALES CONTRACTOR H-D RIG NAME/NO. SHIPPED VIA CT DELIVERED TO LOCATION ORDER NO.

WELL TYPE oil WELL CATEGORY Development JOB PURPOSE Acidize perms WELL PERMIT NO. WELL LOCATION White school house 1-w 1-5 2 1/2 W

FERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
500		1			MILEAGE TRK 107	30	mi			5.00	150.00	
501		1			ACID Pump Charge	1	ea			600.00	600.00	
303		1			MCA acid	20	%	500	gal	2.25	1125.00	
249		1			STR-1			1	gal	35.00	35.00	
235		1			INH.B-1			1	gal	35.00	35.00	
221		1			KCL liquid			2	gal	25.00	50.00	
264		1			Chemically heated acid - min charge -	1	ea			250.00	250.00	

**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

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

<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	2245.00
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	2245.00

Hodgeman TAX 7.45%

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

SWIFT OPERATOR: ABCampbell APPROVAL

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

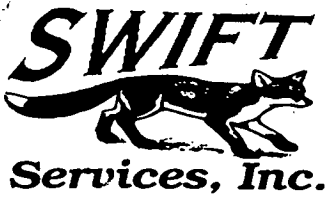
DATE <sup>14</sup> ~~16~~ Jul 10 PAGE NO. 1

CUSTOMER *American Warrior* WELL NO. *1-20* LEASE *JJ NUSS* JOB TYPE *Acidize perfs* TICKET NO. *18641*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								500 gal 20% MCA - CHA (chemically heated)
								18 bbl KCL H <sub>2</sub> O
								preker 4491 - spot 4462 treat
	0850							on loc TRK 107
								tag fluid 40SD
	0900		1					spot 1 bbl
	0915							going downhole
	0923		17½			Ø		kick out pump - load tubing 17½
								slow VACUUM
	0943		18			Ø		½ bbl since LOAD - ACID ON PERFS
	1025		19			Ø		going to 250
	1030		19			250		stage at 250
	1130		19½			500		going to 500
	1215					750		going to 750
								stage 750
	1305	.18				700		loading
	1320	.18	24			600		loading
	1430	.18	28			750		well gets tighter - back to staging at 750
	1454		30			750		151P 750
								3 min 200
								{ release pressure - only a trickle }
								{ back to truck 30 bbl load }
								lock up
								flank loss & blow

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KCC WICHITA





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

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 AUG 12 2010  
 KCC WICHITA

TICKET  
 18618

PAGE 1 OF 1

SERVICE LOCATIONS: 1. NESS CITY

WELL/PROJECT NO.: J5 NUSS 1-20 LEASE: HODGEMAN COUNTY/PARISH: JETMORE, KS. STATE: KS. CITY: JETMORE, KS. DATE: 13 July 10 OWNER:

TICKET TYPE:  SERVICE  SALES CONTRACTOR: HD OILFIELD SERV. RIG NAME/NO.: SHIPPED VIA: DELIVERED TO: LOCATION ORDER NO.:

WELL TYPE: DIL WELL CATEGORY: DEVELOPMENT JOB PURPOSE: CEMENT PORT COLLAR WELL PERMIT NO.: WELL LOCATION: N. WHITE SCHOOL 1 W. IS. 2 1/2 W. 1/2 N. 1/2 W.

REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #110	30	MIL			5.00	150.00
276D		1			PUMP CHARGE	1	JOB			1100.00	1100.00
290		1			D-AIR	1	gal			35.00	35.00
276		1			FLOCCLE	33	lbs			1.50	49.50
105		1			PORT COLLAR OPENING TOOL RENTAL	1	JOB			300.00	300.00
330		1			SWIFT MULTI DENSITY STANDARD	130	SBS			15.00	1950.00
581		1			SERVICE CHARGE CEMENT	175	SBS			1.50	262.50
583		1			DRAYAGE	17384	lbs	260.76	Tm	1.00	260.76

**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: 13 July 10 TIME SIGNED: 1230  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?				4107.76
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Hodgeman TAX 7.45% 173.92
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL 4281.68
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

**JOB LOG**

**SWIFT Services, Inc.**

DATE 13 July 10 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR WELL NO. LEASE JS NUSS 1-20 JOB TYPE CEMENT PORT COLLAR TICKET NO. 14618

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1015							ON LOCATION. PORT COLLAR @ 1024
	1046				✓		1500	PRESSURE UP - HELD
	1050	3		✗	✓		400	OPEN PORT COLLAR - TAKE LWS. RATE
	1055							MIX CEMENT
		4	72	✓			500	130 SKS @ 11.2 PPB. CIRCUIT 20 SKS TO PIT
		2	5	✓				DISPLACE CEMENT
	1121			✓			1500	CLOSE PORT COLLAR PRESSURE UP HELD
								RUN 41 SKS.
	1145		20	✓			200	REVERSE CEMENT DUT
								WASH TRUCK.
	1230							JOB COMPLETE
								THANKS B HU
								JASON SEFF ROB

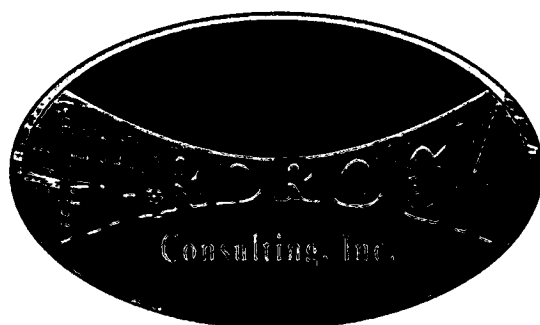
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# **Geological Report**

**American Warrior Inc.  
J.J. Nuss #1-20  
2140' FSL & 1350' FEL  
Sec. 20 T21s R24w  
Hodgeman County, Kansas**



**American Warrior, Inc.**

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## General Data

Well Data: American Warrior, Inc.  
J.J. Nuss #1-20  
2140' FSL & 1350' FEL  
Sec. 20 T21s R24w  
Hodgeman County, Kansas  
API # 15-083-21644-0000

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Jason Alm

Spud Date: June 24, 2010

Completion Date: July 2, 2010

Elevation: 2366' Ground Level  
2377' Kelly Bushing

Directions: Jetmore KS, North on Hwy 283 to S rd. West on S rd. to 214 rd. North to U rd. West and North for ½ mi. West into location.

Casing: 220' 8 5/8" surface casing  
4493' 5 1/2" production casing

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

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Brian Fairbank"

Problems: None

Remarks: None

## Formation Tops

<b>Formation</b>	<b>American Warrior, Inc. J.J. Nuss #1-20 Sec. 20 T21s R24w 2140' FSL &amp; 1350' FEL</b>
Anhydrite	1601', +776
Base	1637', +740
Heebner	3819', -1442
Lansing	3868', -1491
Stark	4131', -1754
BKc	4231', -1854
Marmaton	4251', -1874
Pawnee	4327', -1950
Fort Scott	4381', -2004
Cherokee	4407', -2030
Mississippian	4468', -2091
Osage	4483', -2106
RTD	4494', -2117

## Sample Zone Descriptions

**Mississippian Osage (4483', -2106):** Covered in DST #1  
 Dolo – Fine sucrosic crystalline with pinpoint vuggy porosity, heavy chert, triptolitic, weathered with poor to fair vuggy porosity, light to fair oil stain, slight show of free oil, light odor, fair yellow fluorescents, 5 units hotwire.

**Drill Stem Tests**  
 Trilobite Testing Inc.  
 "Brian Fairbank"

**DST #1**

**Mississippian Osage**

Interval (4484' - 4494') Anchor Length 10'

IHP	- 2253 #	
IFP	- 30" - B.O.B. 21 min.	20-105 #
ISI	- 30" - W.S.B.	1293 #
FFP	- 30" - B.O.B. 21 min.	104-156 #
FSI	- 30" - W.S.B.	1257 #
FHP	- 2156 #	
BHT	- 128°F	

Recovery:	140' GIP	
	290' CGO	
	30' GOCM	55% Oil
	60' OGCM	10% Oil

**Structural Comparison**

	American Warrior, Inc. J.J. Nuss #1-20 Sec. 20 T21s R24w 2140' FSL & 1350' FEL	Adair & Pickrell Wege #3 Sec. 20 T21s R24w 1880' FNL & 760' FEL		Robert F. Hembree Wege #5 Sec. 20 T21s R24w 1100' FNL & 2310' FEL	
<b>Formation</b>					
Anhydrite	1601', +776	1595', +774	(+2)	1570', +782	(-6)
Base	1637', +740	NA	NA	NA	NA
Heebner	3819', -1442	3818', -1449	(+7)	3776', -1424	(-18)
Lansing	3868', -1491	3866', -1497	(+6)	3827', -1475	(-16)
Stark	4131', -1754	NA	NA	NA	NA
BKc	4231', -1854	NA	NA	NA	NA
Marmaton	4251', -1874	NA	NA	NA	NA
Pawnee	4327', -1950	4324', -1955	(+5)	NA	NA
Fort Scott	4381', -2004	4383', -2014	(+10)	4337', -1985	(-19)
Cherokee	4407', -2030	4412', -2043	(+13)	4362', -2010	(-20)
Mississippian	4468', -2091	4480', -2111	(+20)	4431', -2078	(-13)
Osage	4483', -2106	NA	NA	4447', -2094	(-12)

## **Summary**

The location for the J.J. Nuss #1-20 well was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted 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 J.J. Nuss #1-20 well.

## **Recommended Perforations**

**Mississippian Osage:**

**(4483' – 4493')**

**DST #1**

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.