



Operator Name: American Warrior, Inc. Lease Name: Lohrding Well #: 2-24  
 Sec. 24 Twp. 31 S. R. 20  East  West County: Comanche County, Kansas

**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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Dual IND, CDNL/GR. Micro, Sonic

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Heebner	4124'	- 2095
Lansing	4304'	- 2275
Swope	4644'	-2615
Hertha	4691'	- 2662
BKC	4736'	- 2707
Pawnee	4856'	- 2827
FT. Scott	4892'	- 2863
Cherokee	4904'	- 2875
MISS,	4995'	- 2966'
Viola	5786'	- 3757

**CASING RECORD**  New  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	# Sacjs Used	Type and Percent Additives
<b>Conductor</b>		20"		60'			
<b>Surface</b>	12-1/4"	8-5/8"	23#	610'	ALW Class A	225 100	3%cc 1/4#floseal 3%cc 2%gel
<b>Production</b>	7-7/8"	5-1/2"	17#	5123'	SMDC	150	2%cc 1/4#floseal

**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	4651' - 4655'	3500 gals 20% fe Acid,	same

**TUBING RECORD** Size 2-3/8" Set At 5000' Packer At NONE Liner Run  Yes  No

Date of First, Resumerd Production, SWD or Enhr. -SI Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. SI Gas Mcf SI Water Bbls. SI Gas-Oil Ratio Gravity

Disposition of Gas **METHOD OF COMPLETION**  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)



# CEMENTING LOG

STAGE NO. \_\_\_\_\_

Date 9-18-02 District Medwin Lodge Ticket No. 10476  
 Company American Warrior Rig Duke 27  
 Lease Adrian Well No. 224  
 County Comanche State KS

Location Adrian, North on Field 24-315-20W  
83 to Wilshire Rd, 6 1/2 W 9/3

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 8 1/8 Type \_\_\_\_\_ Weight 20 Collar \_\_\_\_\_

Casing Depths: Top 12 Bottom 610

Drill Pipe: Size 4 1/2 Weight 11.60 Collars \_\_\_\_\_  
 Open Hole: Size 12 1/4 T.D. 42' ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbbls/Lin. ft. 1.632 Lin. ft./Bbl. 15.20  
 Open Holes: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbbls/Lin. ft. 0.135 Lin. ft./Bbl. 13.60  
 Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: 5 1/4" Fresh  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type CS 30' 6" 3/16" + 1/4"  
 Amt. 225 Skys Yield 1.98 ft<sup>3</sup>/sk Density 12.5 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type A 13" 10" 2 1/2" gal  
 Amt. 100 Skys Yield 1.34 ft<sup>3</sup>/sk Density 12.2 PPG  
 WATER: Lead 0.9 gals/sk Tail 65 gals/sk Total \_\_\_\_\_ Bbbls.

Pump Trucks Used 252 1 7710  
 Bulk Equip. 240 3 3100

Float Equip: Manufacturer Comair  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type PAFFLE Depth 575'  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top KL 100 Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. 2 1/2" sticks  
 Disp. Fluid Type Fresh Amt. 5 1/2 Bbbls. Weight 8.34 PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE Ken McKinnis

CEMENTER AINZELING

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbls Min.	
						on loc
						Run casing
						Break pipe
4:30	200		5	5	5	Run 25 Bbbls Fresh
	200		84	79	5 1/2	Run 225 5x fresh cement
	200		108	24	5 1/2	1" 180 5x tail cement
	200		145 1/2	37 1/2	4	stop pumps + release plug
5:00	200					Displace with 37 1/2 Bbbls Freshwater,
	200					Run plug + shut in,
	200					+ 1 1/2" 100' (Dip)
						Calculate 100 5x to pit

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CONSERVATION DIVISION  
 WICHITA, KS

FINAL DISP. PRESS: 200 PSI BUMP PLUG TO 300 PSI BLEEDBACK shut in BBLs. THANK YOU

Taylor Printing, Inc., Pratt, KS

# ALLIED CEMENTING CO., INC.

10476

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

SERVICE POINT: Medicine Lodge

DATE <u>1/10/77</u>	SEC. <u>24</u>	TWP. <u>31E</u>	RANGE <u>20W</u>	CALLED OUT <u>1:30 PM</u>	ON LOCATION <u>1:30 PM</u>	JOB START <u>4:30 AM</u>	JOB FINISH <u>5:00 AM</u>
LEASE <u>Medicine Lodge</u>	WELL # <u>2004</u>	LOCATION <u>Medicine Lodge, north on 85</u>			COUNTY <u>Furness</u>	STATE <u>Ks.</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Duke

TYPE OF JOB Repair

HOLE SIZE 11 1/2" T.D.

CASING SIZE 4 1/2" x 24" DEPTH 100'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 30 MINIMUM

MEAS. LINE SHOE JOINT 4 1/2"

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 77 1/2 bbls fresh water

OWNER American Leasing

CEMENT AMOUNT ORDERED

77 1/2 bbls Class A 15000 PSI 2 1/2" dia

COMMON @

POZMIX @

GEL @

CHLORIDE @

HANDLING @

MILEAGE @

TOTAL

**EQUIPMENT**

PUMP TRUCK CEMENTER Don Baldridge

# 312 HELPER Don Felton

BULK TRUCK DRIVER Eric Tidmore

# 240

BULK TRUCK DRIVER

#

**REMARKS:**

Run casing 1/2" from circulation.  
Run 5 bbls fresh water, 100' to 110'  
1 1/2" x 24" A 15000 PSI 2 1/2" dia.  
Water stop & depth 100'. 2 T.D.  
to set 100' casing stop & set 100'

**SERVICE:**

DEPTH OF JOB 100'

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

PLUG Rubber @

TOTAL

CHARGE TO: American Leasing

STREET

CITY STATE ZIP

**FLOAT EQUIPMENT**

1 Balle State @

2 Packs B @

TOTAL

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Kenneth McGuire

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

KENNETH MCGUIRE  
PRINTED NAME



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

TICKET No 4836

PAGE 1 OF 2

SERVICE LOCATIONS 1. NESS CITY, KS	WELL/PROJECT NO. 2-24	LEASE LOHRDENG	COUNTY/PARISH COMANCHE	STATE KS	CITY	DATE 10-2-02	OWNER SAME
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR DUKE DRAZENG "7"	RIG NAME/NO.	SHIPPED VIA ACT	DELIVERED TO LOCATION	ORDER NO.	
3.	WELL TYPE GAS	WELL CATEGORY DEVELOPMENT	JOB PURPOSE 5 1/2" LONGERUNG	WELL PERMIT NO.	WELL LOCATION COLDWATER, KS - 4W, 7W, 2S		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 104	80		mc		2.50	200.00
578		1			PUMP SERVICE	1		JOB	5123 FT	1200.00	1200.00
280		1			FLOCHER-21	850		gal		1.50	1275.00
406		1			LATCH DOWN PLUG & BAFFLE	1		EA	5 1/2"	200.00	200.00
402		1			CENTRALIZERS	10		EA		40.00	400.00
405		1			FORMATION PACKER SIDE	1		EA		1250.00	1250.00
403		1			CEMENT BASKET	1		EA		110.00	110.00
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**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 10-2-02 TIME SIGNED 0030  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	4635.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				*2	3812.30
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	
ARE YOU SATISFIED WITH OUR SERVICE? <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  
 Wade Wasow

APPROVAL  
 Kenneth M. [Signature]

Thank You!



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

TICKET CONTINUATION

TICKET No. 4836

CUSTOMER AMERICAN WAREHOUSE INC. WELL LOHRDZIG 2-24 DATE 10-2-02 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
330		1				SWIFT MULTI-QUALITY STANDARD	150	CVS			9.50	1425.00
276		1				FLOCKIE	38	LBS			1.90	34.20
287		1				GASSTOP	300	LBS			4.50	1350.00
285		1				CFR-1	71	LBS			2.75	195.25
290		1				D-AR	71	LBS			2.75	195.25
581		1				SERVICE CHARGE						
583		1				MILEAGE CHARGE						
						TOTAL WEIGHT	15420					
						LOADED MILES	80					
						CUBIC FEET	150				1.00	150.00
						TON MILES	616.80				1.75	462.60

CONTINUATION TOTAL 3812.30

**JOB LOG**

**SWIFT Services, Inc.**

DATE 10-2-02 PAGE NO. 1

CUSTOMER AMERON WARDOR INC WELL NO. 2-24 LEASE LOHRDTJG JOB TYPE 5/2" LOGGING TICKET NO. 4836

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2330							ON LOCATION
	0100							START 5/2" CASING IN WELL
								TD - 5838' SET @ 5123
								TP - 5123 5/2" #/FT 17
								SJ - 30'
								CENTRALIZERS - 2, 4, 6, 8, 10, 12, 14, 16, 18, 20
								CMPT BSKT. PEN # 9
	0330							BREAK CIRCULATION - MUD PUMP
	0400				✓		750	DROP BALL CIRCULATE - SET PACKER SHAPE PLUG - RH - MH
	0405	6 1/2	5		✓		400	PUMP 5 BBL SPACER
			20		✓			PUMP 800 GAL FLOCKER
			5		✓			PUMP 5 BBL SPACER
	0412	6	54.8				300	MDX 150 SVS SMOG W/ANDETICS @ 12.7 PPG
								WASH OUT PUMP - LINES
								DROP LATCH DOWN PLUG
	0430	7	0		✓			DISPLACE PLUG
	0445		118.2				750	PLUG DOWN (115.5)
					✓		1750	PSI-UP LATCH IN PLUG COUNTER
								OK RELEASE PSI - PLUG HELD
								WASH-UP
								RACK-UP
	0530							JOB COMPLETE
								THANK YOU
								WAVE BUDDY SHAKE

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CONSERVATION DIVISION  
WICHITA, KS

Lohrding # 2.24

Geologist ALAN DOWNING

Marvin Ginder  
Sales Consultant

702 School  
Pratt, KS 67124  
316 672-3758  
316 672-5138 fax

# MEMO

TO DST 4637-4666  
FROM \_\_\_\_\_  
SUBJECT \_\_\_\_\_ DATE \_\_\_\_\_

Heckner

4124 (-2095)

Lans

4304 (-2275)

SWOPE

4644 (-2615)

Hertna

4691 (-2662)

BKC

4736 (-2707)

PAWNY

4856 (-2827)

FS

4892 (-2863)

CHS

4904 (-2875)

MISS

4995 (-2966)

Viola

5786 (-3757)

School   
Specialty

3525 S. 9th Street • P. O. Box 1547 • Salina, KS 67402-1547  
800 307-8899 ex 806 • 800-255-0004 • 800-329-8011 fax