

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 4058
Name: American Warrior, Inc.
Address PO Box 399
Garden City, KS 67846
City/State/Zip
Purchaser: Texaco
Operator Contact Person: Kevin Wiles
Phone (316) 275-2963
Contractor: Name: Allan Drilling
License: 5418
Wellsite Geologist: Scott Corsair

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SVD SIOV Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, MSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SVD
_____ Plug Back _____ PBTB
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SVD or Inj?) _____ Docket No. _____

6-1-96 6-11-96 8-5-96
Spud Date Date Reached TD Completion Date

API NO. 15- 15-175-21,551-0000
County seward
SE Sec. 34 Twp. 32S Rge. 31 X W
770 Feet from (S)W (circle one) Line of Section
440 Feet from (E)W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Singley Well # 4
Field Name Massoni

Producing Formation St. Louis

Elevation: Ground 2775 KB 2785

Total Depth 6035 PBTB 5963

Amount of Surface Pipe Set and Cemented at 1546 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3214' - Port Collar Feet

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

Drilling Fluid Management Plan ART / DPW
(Data must be collected from the Reserve Pit) 7-22-97

Chloride content 20,000 ppm Fluid volume 200 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____
Lease Name _____

License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____

RECEIVED
STATE CORPORATION COMMISSION

JAN 26 1997

CONSERVATION DIVISION
WICHITA, KANSAS

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Production Manager Date 1/25/97

Subscribed and sworn to before me this 25th day of Jan 19 97.

Notary Public [Signature]

Debra J. Purcell
NOTARY PUBLIC
State of Kansas
MY APPT. EXPIRES 11/1/99

K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C _____ Wireline Log Received
C _____ Geologist Report Received
Distribution
 KCC _____ SVD/Rep _____ KSPA
 KGS _____ Plug _____ Other _____
(Specify)

Operator Name American Warrior, Inc.

Lease Name Singley

Well # 4

Sec. 34 Twp. 32 Rge. 31 East West

County Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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.)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Judy	4664'	-1879
Hodges	4886	-2101
Marmaton	5022	-2237
Atoka	5503	-2718
Morrow	5513	-2728
Chester	5561	-2776
St. Gen	5749	-2964
St. Louis	5855	-3070

List All E.Logs Run:
Gamma Depth Control Log
Array Induction Shallow Focused Log
Micro-Resistivity Log
Compensated Neutron Density Log

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	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	1546	Halliburton	500	2% CC 1/4# flocele
Production	7-7/8"	5-1/2"	15.5#	6034	Halliburton	225	Mid-con II 2% CC

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				

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

Shots Per Foot	Footage	Material	Depth
4 - sp/ft	5924' - 5928'	1500 gallons 28% FE	5924-28

TUBING RECORD

Size 2-3/8"

Set At 5950'

Packer At

Liner Run

Yes No

Date of First, Resumed Production, SMD or Inj. 9-1996

Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours: Oil 40 Bbls. Gas 20 Mcf Water 8 Bbls. Gas-Oil Ratio 32 Gravity 32

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

5924

5928



JOB LOG HAL-2013-C

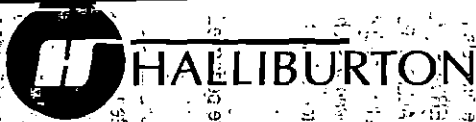
DATE 2-29-96
TICKET NO. 968586

CUSTOMER AMERICAN MARION WELL NO. LEASE SINGLEY JOB TYPE CEMENT

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0730							MALLOD OUT
	0800							ON LOCATION
								WALK IN, LOOK OVER LOCATION
								MOVE EQUIPMENT TO LOC OF
								PIE MEN ON LOC. IMAGE SWAB
								TURNED TO ALL OIL
	1030							JOB CANCELED
								RAKE UP
	1045							OFF LOCATION

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KALISAS JOURNAL
1997 FEB 24 P 3:55



HALLIBURTON ENERGY SERVICES

HAL-1906-N

AMERICAN WARRIOR
 ADDRESS
 CITY, STATE, ZIP CODE

DUNCAN COPY

TICKET

No.

968586

PAGE 1 OF 2

SERVICE LOCATIONS: **PLA 1**
 WELL PROJECT NO.: **7-29-96**
 LEASE: **SWING**
 COUNTY/PARISH: **ST. BERNARD**
 STATE: **LA**
 CITY/OFFSHORE LOCATION: **WELL SITE**
 DATE: **7-29-96**
 OWNER: **SAME**
 TICKET TYPE: **SALES**
 NITROGEN JOB? **NO**
 CONTRACTOR: **Co. Techs**
 RIG NAME NO.: **6.7**
 SHIPPED: **WELL SITE**
 ORDER NO.:
 WELL TYPE: **OR**
 WELL CATEGORY: **OR**
 JOB PURPOSE: **NO JOB**
 WELL PERMIT NO.:
 WELL LOCATION:
 REFERRAL LOCATION:
 INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING LOC ACCT# OF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
000-117		1	MILEAGE ROUND TRIP 62504	80	MI			2.99	239.20
000-131		1	MILEAGE ROUND TRIP 4413	40	MI			2.99	119.60
			ORIGINAL						

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: **7-29-96** TIME SIGNED: **0900**

TYPE LOCK: PULLED & RETURN PILED RUN

BEAN SIZE: TYPE OF EQUALIZING SUB:

TUBING SIZE: TUBING PRESSURE: WELL DEPTH:

TRIPLE CONNECTION: TYPE VALVE:

SURVEY: AGREED UN-DECIDED DIS-AGREED

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? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: **2**

FROM CONTINUATION PAGE(S): **1**

SUB-TOTAL: **358.80**

APPLICABLE TAXES WILL BE ADDED ON INVOICE

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

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): **Warrior**

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): **[Signature]**

HALLIBURTON OPERATOR/ENGINEER: **[Signature]** EMP # **50848**

HALLIBURTON APPROVAL: **[Signature]**

JOB LOG HAL-2013-C

CUSTOMER		WELL NO.	LEASE		JOB TYPE	TICKET NO.
American warrior		#4	Singley		Cmt Port Collar	968510
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS T. C.	PRESSURE(PSI) TUBING CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0500					Called Out
	0700					On Loc w/Trk's Safety mtg T.I.H. Tbg & Locate Baker Port Collar
	1025	1/4	2	✓	1000	psi Test Csg Held
						Ran Tbg from 3124-3334 Port Collar @ 3214+- Could not locate Collar T.O.H w/ Tbg & wait on Logger to locate port collar opening Device out off hole packrd w/scale Released By Co man
	1400					ORIGINAL
						RECEIVED CASSIS SCIP CO/IM 1997 FEB 24 P 3:55
						Job Complete
						Thank you D.Scott



JOB LOG HAL-2013-C

CUSTOMER <i>AMERICAN WARRIOR</i>	WELL NO. <i>4</i>	LEASE <i>SINGLEY</i>	JOB TYPE <i>Cmt Port Collar</i>	TICKET NO. <i>920-218</i>
-------------------------------------	----------------------	-------------------------	------------------------------------	------------------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

0730

DN LOC.

0830

START Opening Tool in hole

1100

START Hunting Port Collar

1400

Couldnt find Port Collar

1515

~~Couldnt~~ Come out w/ Opening Tool

Out w/ Tool

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KANSAS JOHN P. JOHN
1997 FEB 24 P 3:55

Thanks for Calling Halliburton

Fredy Alcala

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KANSAS CORP COMM

1997 FEB 24 P 3:55

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AMERICAN WARRIOR, INC. / NATIONAL OIL COMPANIES



KEVIN WILES SR.

Field Supervisor

Off. 316-275-2963

Doc 316-275-0700

P.O. Box 3

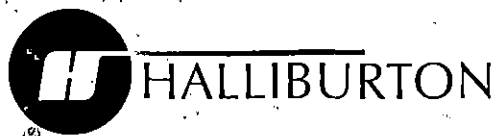
Garden City, KS 678

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KANSAS CORP COMM

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REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
919521	06/04/1996

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
TNGLEY 4	SEWARD	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	CHEYENNE DRILLING	CEMENT SURFACE CASING	06/04/1996		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
16808	T.A. DAVIS			COMPANY TRUCK	09075

AMERICAN WARRIOR
BOX 359
GARDEN CITY, KS 67848

COPY

DIRECT CORRESPONDENCE TO:
P.O. BOX 1598
LIBERAL KS 67701

ORIGINAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	36	MI	2.85	102.60
	DISCOUNT--(BID)	34.0	%		34.98-
000-119	MILEAGE FOR CREW	36	MI	1.50	54.00
	DISCOUNT--(BID)	34.0	%		18.36-
001-016	CEMENTING CASING	1546	FT	1,320.00	1,320.00
	DISCOUNT--(BID)	34.0	%		448.80-
000-018	CEMENTING PLUS 5W, PLASTIC TOP	8	5/8 IN	199.00	199.00
	DISCOUNT--(BID)	34.0	%		44.20-
24A 015.19501	INSERT FLOAT VALVE - 8 5/8"	1	EA	182.00	182.00
	DISCOUNT--(BID)	25.0	%		45.50-
27 015.19414	FILL-UP UNIT 7"- 8 5/8"	1	EA	64.00	64.00
	DISCOUNT--(BID)	20.0	%		16.00-
31 006.61048	CENTRALIZER - 8-5/8 X 12-1/4	4	EA	51.00	214.00
	DISCOUNT--(BID)	20.0	%		61.00-
350 090.10802	HALLIBURTON WELD-A	1	EA	16.75	16.75
	DISCOUNT--(BID)	25.0	%		4.18-

10800

203

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KANSAS CORP COMM
1997 FEB 24 P 3:55

***** CONTINUED ON NEXT PAGE *****

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never

CUSTOMER COPY



HALLIBURTON

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
919521	06/04/1996

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
INGLEY	SEWARD	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	CHEYENNE DRILLING	CEMENT SURFACE CASING	06/04/1996		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
16808	T.A. DAVIS			COMPANY TRUCK	09075

AMERICAN WARRIOR
BOX 399
GARDEN CITY, KS 67846

ORIGINAL

DIRECT CORRESPONDENCE TO:
P O BOX 1598
LIBERAL KS 67901

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KANSAS CO
1997 FEB 24

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
504-050	CEMENT - PREMIUM PLUS DISCOUNT--(BID)	150	SK	12.62	1,893.00 643.62-
504-120	CEMENT - HALL. LIGHT PREM PLUS DISCOUNT--(BID)	545	SK	11.12	6,060.40 2,060.53-
507-210	LOCLE DISCOUNT--(BID)	174	LB	1.65	287.10 97.61-
509-406	ANHYDROUS CALCIUM CHLORIDE DISCOUNT--(BID)	12	SK	36.75	441.00 149.94-
500-207	BULK SERVICE CHARGE DISCOUNT--(BID)	781	CFI	1.35	986.65 325.52-
500-306	MILEAGE CNTG MAT DEL OR RETURN DISCOUNT--(BID)	1473.597	TMI	.93	1,399.91 475.96-

INVOICE SUBTOTAL

10800

13,181.61

DISCOUNT--(BID)
INVOICE BID AMOUNT

4,436.10-
8,745.51

7031

*-KANSAS STATE SALES TAX
*-LIBERAL CITY SALES TAX
*-SEWARD COUNTY SALES TAX

380.78
77.71
116.58

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

\$9,320.50

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CUSTOMER COPY



HALLIBURTON

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
919521	06/04/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
INGLEY 4		SEWARD		KS	CANE
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	CHRYENM	DRILLING		06/04/1996	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
16808	T.A. DAVIS			COMPACT TRUCK	09075

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AMERICAN WARRIOR
BOX 399
GARDEN CITY, KS 67846

DIRECT CORRESPONDENCE TO
P O BOX 1598
LIBERAL KS 67901

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P. 355

REFERENCE NO.	DESCRIPTION	QUANTITY	UM.	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	36	MI	2.85	102.60
	DISCOUNT--(BID)	34.0	%		34.88-
000-119	MILEAGE FOR CRUI	36	MI	1.50	54.00
	DISCOUNT--(BID)	34.0	%		18.36-
001-016	CEMENTING CASING	1546	FT	1,320.00	1,320.00
	DISCOUNT--(BID)	34.0	%		448.80-
090-018	CEMENTING PLUG 5W, PLASTIC TOP	8 5/8	IN	130.00	130.00
	DISCOUNT--(BID)	34.0	%		44.20-
24A 015.19501	INSERT FLOAT VALVE - 8 5/8"	1	EA	182.00	182.00
	DISCOUNT--(BID)	25.0	%		45.50-
27 015.19414	FILL-UP UNIT 7" - 8 5/8"	1	EA	64.00	64.00
	DISCOUNT--(BID)	20.0	%		12.80-
31 003.41048	CENTRALIZER - 8-5/8 X 12-1/4	4	EA	51.00	204.00
	DISCOUNT--(BID)	20.0	%		61.00-
350 090.10607	HALLIBURTON WELD-A	1	ED	14.25	14.25
	DISCOUNT--(BID)	25.0	%		4.10-

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CUSTOMER COPY



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
919521	06/04/1996

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
INGLEY 4	SEWARD	KS	GAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	CHRYENNE DRILLING	CEMENT SURFACE CASTING	06/04/1996		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
16908	T.A. DAVIS			COMPANY TRUCK	09075

AMERICAN WARRIOR
BOX 599
GARDEN CITY, KS 67846

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DIRECT CORRESPONDENCE TO:
P O BOX 1593
LIBERAL KS 67901

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REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
504-050	CEMENT - PREMIUM PLUS DISCOUNT--(BID)	150 SK 34.0 %		12.62	1,893.00 643.62-
504-120	CEMENT - HALL. LIGHT PREM PLUS DISCOUNT--(BID)	545 SK 34.0 %		11.12	6,060.10 2,060.53-
507-210	BLOCLE DISCOUNT--(BID)	174 FB 34.0 %		1.85	3207.10 977.61-
509-406	ANHYDROUS CALCIUM CHLORIDE DISCOUNT--(BID)	12 SK 34.0 %		26.75	321.00 149.54-
500-207	BULK SERVICE CHARGE DISCOUNT--(BID)	781 CFT 34.0 %		1.35	986.65 335.52-
500-306	RELEASE ONTO MAT DEL OR RETURN DISCOUNT--(BID)	1473.592 TMI 34.0 %		.90	1,326.23 475.96-
INVOICE SUBTOTAL					13,181.61
DISCOUNT (BID)					4,496.10
INVOICE BID AMOUNT					8,745.51
* KANSAS STATE SALES TAX					380.78
* LIBERAL CITY SALES TAX					77.71
* SEWARD COUNTY SALES TAX					116.59
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$9,320.59

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JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Midland
Livestock Ks

BILLED ON TICKET NO. *919521*

WELL DATA

FIELD _____ SEC. *34* TWP. *32* RNG. *31* COUNTY *Seward* STATE *Ks*

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		<i>28</i>	<i>8 3/4</i>	<i>KB</i>	<i>1546</i>	
LINER						
TUBING						
OPEN HOLE				<i>GL</i>	<i>1550</i>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>6-4</i>	DATE <i>6-4</i>	DATE <i>6-4</i>	DATE <i>6-4</i>
TIME <i>0330</i>	TIME <i>0500</i>	TIME <i>0940</i>	TIME <i>1100</i>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <i>8 3/4</i> <i>Tripin float</i>	<i>1</i>	<i>Hanna</i>
FLOAT SHOE <i>Filling</i>	<i>1</i>	
GUIDE SHOE		
CENTRALIZERS	<i>4</i>	
BOTTOM PLUG		
TOP PLUG	<i>1</i>	
HEAD	<i>1</i>	
PACKER		
OTHER	<i>143</i>	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>D. Loper</i>	<i>420041</i>	<i>Livestock Ks</i>
<i>T. Mullins</i>	<i>52938 / 75051</i>	<i>"</i>
<i>M. Langworth</i>	<i>50404 / 75505</i>	<i>Hickman Ks</i>
<i>G. Meier</i>	<i>4115 / 75237</i>	<i>"</i>

ORIGINAL

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
DISPL. FLUID _____ DENSITY _____ LB/GAL. API
PROP. TYPE _____ SIZE _____ LB.
PROP. TYPE _____ SIZE _____ LB.
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____ IN
NE AGENT TYPE _____ GAL. _____ IN
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
GELLING AGENT TYPE _____ GAL.-LB. _____ IN
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT *Cement*
DESCRIPTION OF JOB *8 3/4 Surface*
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE *X J. A. Davis*
HALLIBURTON OPERATOR *Dennis Cook* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>545</i>	<i>Prem Plus</i>	<i>KTWT</i>		<i>2.0% CL 1/4 # Floche</i>	<i>2.05</i>	<i>12.3</i>
	<i>150</i>	<i>Prem Plus</i>			<i>2.0% CL 1/4 # Floche</i>	<i>1.32</i>	<i>14.8</i>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
HYDRAULIC HORSEPOWER _____
ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET *44 05* REASON *Stop slurr*

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. *93.72*
CEMENT SLURRY: BBL.-GAL. *234 24*
TOTAL VOLUME: BBL.-GAL. _____

REMARKS

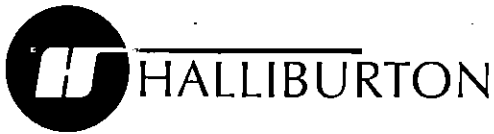
CUSTOMER *Amesbury / Livestock*
LEASE *Singley*
WELL NO. *4*
JOB TYPE *8 3/4 Surface*
DATE *6-4-96*

CUSTOMER *American Waste* WELL NO. *4#* LEASE *Singhey* JOB TYPE *8 5/8 SURFACE* TICKET NO. *919521*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							Time Collected
	NOW							Time Ready
	0500							Time on loc.
ORIGINAL								
	0830							START Pumping Casings
	0940							Casing in Hole
	0940							Hook Up To Circulate Casings
	0950							Circulate Casings w/ Pump
	0952							Circulate Mud To General Work
	1000							Hook up To Pump Truck
	1003	7.1				250		Start Mixing Cement
	1027	/	198.98			250		Start Tank Cement
	1033	/	35.26			300		Finish Mixing Cement
	1034	/	234.24			800%		Shut Down Drop Pipe
	1035	6				150		Start Displacement
		3.7 ^{AL}	93.72					wash Pumps + Lines
	1100					400/1200		Plug Down
								Float Held
								Circulate Cement To The PIT ✓
<p>Thanks For Calling</p> <p><i>H. Halliburton</i></p> <p><i>Erney</i></p> <p><i>Dennis</i></p> <p><i>6-12-96</i></p>								

RECEIVED
 KANSAS CORP
 197 FEB 24

ORIGINAL
INVOICE



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE NO.	DATE
920278	06/12/1996

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
SINGLEY 4	SEWARD	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL		CEMENT PRODUCTION CASING	06/12/1996
ACCT. NO.	CUSTOMER/AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
018808	SCOTT CORSKIN		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	09420

COPY

AMERICAN WARRIOR
BOX 399
GARDEN CITY, KS 67846

DIRECT CORRESPONDENCE TO
P O BOX 1598
LIBERAL KS 67901

ORIGINAL

RECEIVED
KANSAS CORP. COMM
FEB 24 P 3:55

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	42 MI		2.85	119.70
		1 UNT			
	DISCOUNT-(BID)	34.0 %			40.69-
000-119	MILEAGE FOR CRFW	42 MI		1.50	63.00
		1 UNT			
	DISCOUNT-(BID)	34.0 %			21.42-
001-016	CEMENTING CASING	6042 FT		2,070.00	2,070.00
		1 UNT			
	DISCOUNT-(BID)	34.0 %			703.80-
030-016	CEMENTING PLUG 5W ALUM TOP	5 1/2 IN		60.00	60.00
		1 EA			
	DISCOUNT-(BID)	34.0 %			20.40-
019-241	CASING SWIVEL W/O WALL CLEANER RD	1 JOB		185.00	185.00
	DISCOUNT-(BID)	34.0 %			62.90-
018-317	SUPER FLUSH	7 SK		100.00	700.00
	DISCOUNT-(BID)	34.0 %			238.00-
314-163	CLAYFIX II	2 GAL		28.00	56.00
	DISCOUNT-(BID)	34.0 %			19.04-
12A 825.205	GUIDE SHOE - 5 1/2" 8RD THD.	1 EA		121.00	121.00
	DISCOUNT-(BID)	25.0 %			30.25-
24A 815.19251	INSERT FLOAT VALVE - 5 1/2" 8RD	1 EA		110.00	110.00

***** CONTINUED ON NEXT PAGE *****

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never

ORIGINAL

INVOICE



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE NO.	DATE
920278	06/12/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
SINGLEY 4		SEWARD		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL			CEMENT PRODUCTION CASING		06/12/1996
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
018808	SCOTT CORSKIN			COMPANY TRUCK	09420

AMERICAN WARRIOR
BOX 399
GARDEN CITY, KS 67846

DIRECT CORRESPONDENCE TO
P O BOX 1598
LIBERAL KS 67901

RECEIVED
HALLIBURTON
CORP
FEB 24 P 3

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	DISCOUNT-(BID)	25.0 %			27.50-
27	FILL-UP UNIT 5 1/2"-6 5/8"	1.00	EA	69.00	69.00
815.19311					
	DISCOUNT-(BID)	25.0 %			17.25-
40	CENTRALIZER-5-1/2 X 7-7/8	14	EA	60.00	840.00
806.60022					
	DISCOUNT-(BID)	25.0 %			210.00-
73	F.O. MULT STAGE CMTR 5 1/2"BRD	1	EA	1,400.00	1,400.00
813.0151					
504-281	MIDCON-2 PREMIUM CEMENT	225	SK	15.68	3,528.00
	DISCOUNT-(BID)	34.0 %			1,199.52-
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	36.75	147.00
	DISCOUNT-(BID)	34.0 %			49.98-
507-210	FLOCELE	56	LB	1.65	92.40
	DISCOUNT-(BID)	34.0 %			31.41-
500-207	BULK SERVICE CHARGE	248	CFT	1.35	334.80
	DISCOUNT-(BID)	34.0 %			113.83-
500-306	MILEAGE CMTG MAT DEL OR RETURN	559.75	MI	.95	531.76
	DISCOUNT-(BID)	34.0 %			180.79-
320	BASKET-CMT-5 1/2 CSG X 17"OD-	4	EA	104.00	416.00
806.71430					
	DISCOUNT-(BID)	25.0 %			104.00-

***** CONTINUED ON NEXT PAGE *****

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CUSTOMER COPY

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046



INVOICE

INVOICE NO.	DATE
920278	06/12/1996

WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
INGLEY, 4	SEWARD	KS	STATE		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL		CEMENT PRODUCTION CASING	04/12/1996		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
18808	SCOTT CORSKIN			COMPANY TRUCK	09420

AMERICAN WARRIOR
BOX 399
GARDEN CITY, KS 67844

DIRECT CORRESPONDENCE TO
P O BOX 1598
LIBERAL KS 67901

RECEIVED
KANSAS CORP CORP
997 FEB 24 P 3:4

REFERENCE NO.	DESCRIPTION	QUANTITY	UM.	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				10,843.66
	DISCOUNT-(BID)				3,070.78
	INVOICE BID AMOUNT				7,772.88
	A-KANSAS STATE SALES TAX				277.60
	A-LIBERAL CITY SALES TAX				56.66
	A-SEWARD COUNTY SALES TAX				84.97
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				88,192.11

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never

ORIGINAL

REC'D
KANSAS

1997 DEC

COPY

SCOTT CORSAIR

PETROLEUM GEOLOGIST

210 Avenue A P.O. Box 6

Bazine, Ks 67516

913-398-2270 Mobile 913-731-5060

FAX 913-398-2586

GEOLOGICAL REPORT

AMERICAN WARRIOR, INC.

Singley No. 4

770' FSL & 440' FEL

Section 34-32S-31W

Seward County, Kansas

ORIGINAL

OPERATOR: AMERICAN WARRIOR, INC.

WELL: SINGLEY NO. 4

API NO.: 15-175-21551

LOCATION: 770' FSL & 440' FEL, SEC. 34-32S-31W

WELLSITE: FARMGROUND

COMMENCED: JUNE 3, 1996

COMPLETED: JUNE 12, 1996

ELEVATIONS: 2775' GL ; 2785' KB

TOTAL DEPTH: 6040' (DRILLER); 6035 (LOGGER)

CASING: SURFACE: 8 5/8 @ 1546/695 SKS.
PRODUCTION: 5 1/2 @ 6039' W/225 SKS

Port Collar @ 3214

SAMPLES: 10 FT. FROM 4200' TO T.D.

LOGS: ARRAY INDUCTION, COMPENSATED NEUTRON
COMPENSATED PHOTO-DENSITY, MICRO-
RESISTIVITY, REPEAT FORMATION, BY BPB

Gas Detector: 4200'-TD

CONTRACTOR: CHEYENNE DRILLING (RIG 4)

REMARKS: Geological supervision: 4200' - T.D.

FORMATION TOPS	ELECTRICAL LOG SUBSEA		SAMPLES SUBSEA	
Chase	2596	+189		
Council Grove	2980	-195		
Heebner	4263	-1478	4266	-1481
Toronto	4292	-1507	4292	-1507
Lansing	4402	-1617	4400	-1615
Judy	4664	-1879	4665	-1880
Hodges Porosity	4886	-2101	4887	-2102
Marmaton	5022	-2237	5028	-2243
Atoka	5503	-2718	5502	-2717
Morrow shale	5513	-2728	5513	-2728
Chester sand	5708	-2923	5706	-2921
St. Genevieve	5749	-2964	5744	-2959
St. Louis	5855	-3070	5857	-3072
Total Depth	6040	-3255	6035	-3250

SAMPLE ZONE DESCRIPTION

Logger's Measurements

TORONTO 4292 -1507

4296-4300, Limestone: buff, crystalline, fossiliferous, good interfossiliferous porosity, dull fluorescence, no cut fluorescence, 100 unit gas kick.

LANSING 4402 -1617

4404-4408, Limestone: gray to white, trace of poor pinpoint porosity, fair fluorescence, good cut fluorescence, 60 unit gas kick. 1291 psi pressure reading.

4475-4488, Limestone: white to buff, sparry & micritic, good intercrystalline porosity, fair fluorescence, good cut fluorescence, 1325 psi pressure reading, computes wet on log.

JUDY 4664 -1879

Limestone: buff to gray, oolitic, good oolitic porosity, slight show free oil, good fluorescence and cut, good intercrystalline porosity around oolitic porosity, poorly developed on log.

HODGES POROSITY 4886 -2101

4886-4894, Limestone: gray, mottled, fossiliferous, sparry, fair intercrystalline and fossiliferous, dull fluorescence, 120 unit gas kick, pressure test failed.

4913-4925, Limestone: tan-brown, oolitic, excellent oolitic porosity, trace white-gray Chert, dull fluorescence, no cut fluorescence, 260 gas unit kick, computes wet on the log.

4937-4940, Limestone: tan-light brown, oolitic, good oolitic & pinpoint porosity, good show free oil, good fluorescence and cut, faint odor.

MARMATON 5022 -2237

5044-5049, Limestone: white, micritic, poor porosity, fair fluorescence and cut, pressure test failed.

5091-5101, Limestone: tan, fossiliferous, good interfossiliferous porosity, fair show of free oil, good fluorescence and cut, faint odor, 100 unit gas kick, 1110 psi pressure test.

5152-5157, Limestone: gray, micritic, poor intergranular porosity, good show of free oil when broke, excellent fluorescence and cut, 120 unit gas kick, pressure test failed.

ATOKA 5503 -2718

5504-5507, Dolomite: dark brown, sucrosic, very poor intergranular porosity, fair show of free oil, good fluorescence, excellent cut fluorescence, good odor, 70 unit gas kick, pressure test failed.

CHESTER SAND 5708 -2923

5714-5722, Sandstone: clear-tan, frosted, very fine grained, well sorted, angular, clusters with limestone matrix, few clusters were clean without matrix, slight show of free oil, dull fluorescence, good cut fluorescence when cluster broke, 140 unit gas kick, 22.8 psi pressure test, indicates depletion.

ST. GENEVIEVE 5749 -2964

5780-5788, Sandstone: shaly, clear to frosted, fine grained, angular, well sorted, very slight show of free oil, trace of glauconitic clusters, 100 unit gas kick, computes wet on log.

ST. LOUIS 5855 -3070

5922-5928, Limestone: gray, oolitic, fossiliferous, fair oolitic porosity, very dull fluorescence, no cut fluorescence, very few pieces with very slight show of free oil, 65 unit gas kick.

5941-5944, Limestone: gray-white, oolitic, few pieces with dull fluorescence, fair cut fluorescence, **Chert:** gray, fresh angular, 50 unit gas kick.

FORMATION	AMERICAN WARRIOR, INC. Singley #4 770' FSL/440' FEL 34-32S-31W	AMAREX #34-1 Singley C NE SE 34-32S-31W	ANADARKO #5 Gano A 960' FSL/660 FWL 35-32S-31W
Hodges	-2101	-2108	-2087
Marmaton	-2237	-2246	
St. Genevieve	-2964	-2971	-2973
St. Louis	-3070	-3079	-3064

SUMMARY AND RECOMMENDATIONS

Structural position, sample examination, log evaluation and pressure tests indicate probable commercial production from multiple zones. Based upon available data 5 1/2" production casing was set.

Pipe was set 1 foot off bottom @ 6039'. The following zones are recommended for testing.

1. Marmaton: 5092-5100
2. Hodges: 4886-4894
3. Atoka: 5504-5507
4. Chester sand: 5714-5720
5. Lansing: 4404-4408
6. Marmaton: 5152-5155
7. Marmaton: 5044-5048
8. St. Louis: 5923-5928

9. St. Louis: 5941-5944

10. Morrow: 5537-5540

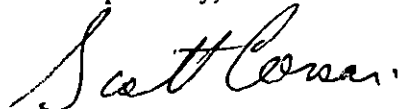
11. Hodges: 4937-4940

12. Hodges: 4915-4917

13. Lansing: 4476-4479

Measurements were taken from rotary kelly bushing (10 feet above ground level).
Logger's measurements are taken as correct.

Respectfully,

A handwritten signature in cursive script that reads "Scott Corsair".

Scott Corsair
Petroleum Geologist