

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

API NO. 15- 025-21,072-0000 ORIGINAL

County Clark  
200 N of C  
-SE-NE-SW Sec. 35 Twp. 32S Rge. 23 X W

Operator: License # 4058

1850 Feet from S (circle one) Line of Section

Name: American Warrior, Inc

2310 Feet from E (circle one) Line of Section

Address P.O. Box 399

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

City/State/Zip Garden City, Ks 67846

Lease Name Abell Well # 8

Purchaser: Koch

Field Name Ashland

Operator Contact Person: Scott Corsair

Producing Formation Swope

Phone (913) 398-2270

Elevation: Ground 2030 KB 2043

Contractor: Name: Eagle Drilling, Inc

Total Depth 5000 PBTB 4946

License: 5380

Amount of Surface Pipe Set and Cemented at 668 Feet

Wellsite Geologist: Scott Corsair

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion  
X New Well \_\_\_ Re-Entry \_\_\_ Workover

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan DLT 1 3-9-93  
(Data must be collected from the Reserve Pit)

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

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

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

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Chloride content 15,000 ppm Fluid volume 125 bbls

Dewatering method used evaporate

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

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

12-8-91 12-15-91 12-30-91  
Spud Date Date Reached TD Completion Date

Operator Name American Warrior, Inc

Lease Name Abell License No. 4058

SW Quarter Sec. 35 Twp. 32 S Rng. 23 X W

County Clark Docket No. D-12,726

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 Scott Corsair

Title Geologist Date 3-16-92

Subscribed and sworn to before me this 16th day of March 19 92.

Notary Public Stanley R. Erb

Date Commission Expires 1-5-96

**Stanley R. Erb**  
NOTARY PUBLIC  
State of Kansas  
My Appt. Expires 1-5-96

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Geologist Report Received  
Distribution  
KCC \_\_\_ SWD/Rep \_\_\_ NGPA  
\_\_\_ KGS \_\_\_ Plug \_\_\_ Other  
(Specify)

Operator Name American Warrior, Inc Lease Name Abell Well # 8

Sec. 35 Twp. 32 Rge. 23  East  West  
 County Clark

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	4220	-2177
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4408	-2365
		K C A	4461	-2418
		K C B	4677	-2634
		Swope	4858	-2815
		Hertha	4907	-2864
		Marmaton	4974	-2931

List All E.Logs Run: Dual Induction, Spectral  
 Density Dual Spaced Neutron II,  
 Microlog

CASING RECORD <input type="checkbox"/> New <input checked="" 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
Conductor	20"	13"	26	71'	common	100	
Surface	12 1/4"	8 5/8"	24	668	HLC 40/60 poz	225	3%cc, 1/2# F1 2% gel, 3% cc
Production	7 7/8"	5 1/2"	17	4999	EA-2	125	5% cal seal 18% salt 3/4% Halad 322, 1/4

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
	2	4857-4862		500 15% MCA	

TUBING RECORD		Size 2 7/8	Set At 4900	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 1-3-92			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 45	Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio 36

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	4857-62

# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

## Drill-Stem Test Data

Well Name ABELL #8 Test No. 1 Date 12/13/91  
Company AMERICAN WARRIOR INC Zone Tested LANSING  
Address BOX 399 GARDEN CITY KS 67846 Elevation 2043 K.B.  
Co. Rep./Geo. SCOTT CORSAIR Cont. EAGLE DRLG #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 35 Twp. 32S Rge. 23W Co. CLARK state KS

Interval Tested 4413-4459 Drill Pipe Size 4.5 XH  
Anchor Length 46 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 4408 Drill Collar — 2.25 Ft. Run 523  
Bottom Packer Depth 4413  
Total Depth 4459

Mud Wt. 9.1 lb / gal. Viscosity 47 Filtrate 8.3

Tool Open @ 12:20 Initial Blow 1/2" BLOW-DECREASED TO SURFACE BLOW

Final Blow SURFACE BLOW-DIED IN 11 MINUTES

Recovery — Total Feet 15 Flush Tool? NO

Rec. 15 Feet of DRILLING MUD

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 104 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 8.000 ppm System

(A) Initial Hydrostatic Mud 2190.7 PSI Ak1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure 35.2 PSI @ (depth) 4417 w/Clock No. 25825

(C) First Final Flow Pressure 35.2 PSI AK1 Recorder No. 5495 Range 4200

(D) Initial Shut-In Pressure 496.1 PSI @ (depth) 4456 w/Clock No. 27594

(E) Second Initial Flow Pressure 35.2 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 35.2 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_

(G) Final Shut-In Pressure 115.1 PSI Initial Opening 30 Final Flow 11

(H) Final Hydrostatic Mud 2140.6 PSI Initial Shut-In 30 Final Shut-In 15

Our Representative TOM HORACEK TOTAL PRICE \$ 800

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAY 03 1993  
CONSERVATION DIVISION  
WICHITA, KS

ORIGINAL

SCOTT CORSAIR

Consulting Geologist  
211 N. Main P.O. Box 6  
Bazine, Ks 67516  
913-398-2594 913-398-2270  
Mobile 913-731-5060 FAX 913-398-2586

GEOLOGICAL REPORT

AMERICAN WARRIOR, INC.

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAR 03 1993

Abell No. 8  
220' N of C SE NE SW  
SECTION 35-32S-23W  
CLARK COUNTY, KANSAS

CONSERVATION DIVISION  
TOPEKA, KS

ORIGINAL

Operator: American Warrior, Inc.  
Well: Abell No. 8  
API No.: 15-025-21,072  
Location: 220' N of C SE NE SW, Sec. 35-32S-23W  
Wellsite: Farmground  
Commenced: December 8, 1991  
Completed: December 15, 1991  
Elevations: 2030 GL 2043 KB  
Total Depth: 5000 (Driller) 4999 (Log)  
Casing: Surface: 8 5/8 @ 668/450 sacks cement  
Production: 5 1/2 @ 4999/125 sacks cement  
Samples: 10 ft. 4100-T.D.  
Logs: Halliburton Logging Services; Dual  
Induction, Spectral Density Dual  
Spaced Neutron II, Microlog  
Drillstem Tests: One by Trilobite Testing  
Contractor: Eagle Drilling Inc. (Rig 1)

REMARKS: Geological supervision: 4100 - T.D. Pipe strapped at 4459; .77 less than board-no correction. Logger's measurements are taken as correct.

FORMATION TOPS	SAMPLES		LOG	
Heebner	4227	-2184	4220	-2177
Lansing	4410	-2367	4408	-2365
Kansas City A	4465	-2422	4461	-2418
Kansas City B	4677	-2634	4677	-2634
Swope	4856	-2813	4858	-2815
Hertha	4908	-2865	4907	-2864
Marmaton	4974	-2931	4974	-2931

ORIGINAL

SAMPLE ZONE DESCRIPTION

Logger's Measurements

LANSING 4408 -2365

4408-4414: Limestone: gray to buff, crystalline, fair intercrystalline porosity, occassional piece with very light brown oil, good fluorecence, fair cut fluorecence, no odor.

Drill Stem Test No. 1: 4413-4459/30-30-11-15/ 1/2" blow - decreased to surface blow during first flow. Surface blow - died in 11 minutes during final flow.  
Recovered: 15 feet of drilling mud

IHP 2190.7  
IFP 35.2-35.2  
ISIP 496.1  
FFP 35.2-35.2  
FSIP 115.1  
FHP 2140.6

KANSAS CITY A 4461 -2418

4461-4475: Limestone: gray, sparry, good intercrystalline porosity, good show of free oil, good fluorecence and cut fluorecence, good odor.

KANSAS CITY B 4677 -2634

4677-4690: Limestone: tan to buff, oolitic, excellent oolitic porosity, fair fluorecence and cut fluorecence, no odor, no show of free oil.

SWOPE 4858 -2815

4858-4864: Limestone: brown, crystalline, good intercrystalline porosity, good show of free oil, good fluorecence and excellent cut fluorecence, fair odor.

HERTHA 4907 -2864

4920-4928: Limestone: tan to brown, crystalline to sparry, fair intercrystalline porosity, fair show of free oil, good fluorecence, excellent cut fluorecence, faint odor.

ORIGINAL

MARMATON 4974 -2931

Limestone: white to tan, crystalline, glauconitic, fossiliferous, Chert: gray to brown, translucent, angular, no show.

STRUCTURAL CORRELATION

Log Tops

Formation	American Warrior Abell #8 220' N SE NE SW 35-32S-23W	Amarillo Nat. #1 Abell C NE SW 35-32S-23W	Amarillo Nat. #5 Abell C SW SE 35-32S-23W
Heebner	-2177	-2181	-2181
Lansing	-2365	-2371	-2370
Kansas City A	-2418	-2431	-2428
Kansas City B	-2634	-2638	-2649

SUMMARY AND RECOMMENDATIONS

Based upon production histories of offsetting wells, structural position, sample examination and log evaluation it appears commercial production from several zones is probable. Based upon this information 5 1/2" production casing was set.

Pipe was set 1 foot off bottom. Based upon available information, the following zones are recommended for testing.

1. Swope 4868-4862
2. Kansas City B 4685-4689
3. Kansas City A 4462-4466
4. Hertha 4920-4926

Measurements were taken from rotary kelly bushing (13 feet above ground level). Log measurements are taken as correct.

Respectfully,

Scott Corsair  
Consulting Geologist

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAR 03 1993  
CONVECTION DIVISION  
LAWRENCE, KS



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

INVOICE

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICENO.	DATE
173563	12/08/1991

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
LL 8	CLARK	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PT	EAGLE DR LG CO	CEMENT SURFACE CASING	12/08/1991
NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
308	BUTCH STEINERT		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	26933

AMERICAN WARRIOR  
BOX 399  
GARDEN CITY, KS 67846

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
0-117	MILEAGE	77	MI	2.60	200.20
1-016	CEMENTING CASING	668	FT	680.00	680.00
0	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00
00.8888	CENTRALIZER 8-5/8" X 12.25"	1	EA	62.00	62.00
07.93059	CMTG PLUG LA-11,CP-1,CP-3, TOP	8.625	IN	90.00	90.00
4-316	HALLIBURTON LIGHT W/STANDARD	1	EA		
9-406	ANHYDROUS CALCIUM CHLORIDE	225	SK	5.64	1,269.00
7-210	FLOCELE	6	SK	26.25	157.50
4-308	STANDARD CEMENT	112	LB	1.30	145.60
6-105	POZMIX A	105	SK	5.35	561.75
6-121	HALLIBURTON-GEL 2%	70	SK	3.29	230.30
9-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	.00	N/C
0-207	BULK SERVICE CHARGE	4	SK	26.25	105.00
0-306	MILEAGE CMTG MAT DEL OR RETURN	427	CFT	1.15	491.05
		1426.19	TMI	.80	1,140.95
INVOICE SUBTOTAL					5,255.35
DISCOUNT-(BID)					788.28-
INVOICE BID AMOUNT					4,467.07
*-KANSAS STATE SALES TAX					154.80
*-PRATT COUNTY SALES TAX					36.43
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					64,658.30

KANSAS STATE COMMISSION  
RECEIVED  
MARCH 03 1993  
WICHITA, KS

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



ORIGINAL

1906 R-11

NO. - FARM OR LEASE NAME <b>ABELL #8</b>		COUNTY <b>CLARK</b>	STATE <b>KS.</b>	CITY / OFFSHORE LOCATION	DATE <b>12/8/91</b>
TO <b>AMERICAN WARRIOR</b>		OWNER <b>SAME</b>		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ESS		CONTRACTOR <b>EAGLE DRILLING RIG #1</b>		LOCATION <b>1 PATI, KS</b>	CODE <b>25555</b>
STATE, ZIP		SHIPPED VIA <b>COTRUCK</b>	FREIGHT CHARGES <input type="checkbox"/> FPD <input type="checkbox"/> COLLECT	LOCATION <b>2</b>	CODE
TYPE <b>DIL</b>	WELL CATEGORY <b>01-DEVELOPMENT</b>	WELL PERMIT NO.	DELIVERED TO <b>WELL SITE</b>	LOCATION <b>3</b>	CODE
AND PURPOSE OF JOB <b>.85/8 SURFACE PIPE</b>		<b>B-573075</b>	ORDER NO.	REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists, invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state whose services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
0-117		1		MILEAGE ON PUMP TRUCK	17	MIL	1	UNIT	2.60	200	20
0-016		1		PUMP CHARGE	668	FT	1	DMPD	680.00	680	00
20	800-8488	1	15970	CEMENT BASKET	1	EACH	8	5/8	122.00	122	00
AT	<del>825-1259</del>	1		<del>BARREL PLATE ALUMINUM</del>	1	EACH	8	5/8	<del>45.00</del>	<del>45</del>	<del>00</del>
40	807-48059	1	15971	CENTRALIZER S-4	1	EACH	8	5/8	62.00	62	00
30-563	401-4221	1	15943	CP-1 PLUG	1	EACH	8	5/8	90.00	90	00

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAR 03 1993  
CONSERVATION DIVISION  
TOPEKA, KS

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

**B-573075**

4,101 16

JOB SATISFACTORILY COMPLETED? \_\_\_\_\_  
OPERATION OF EQUIPMENT SATISFACTORY? \_\_\_\_\_  
PERFORMANCE OF PERSONNEL SATISFACTORY? \_\_\_\_\_

K.O. Steinst  
CUSTOMER OR HIS AGENT (PLEASE PRINT)

K.O. Steinst  
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

Jim A...  
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

SUB TOTAL **5255 36**  
APPLICABLE TAXES WILL BE ADDED ON INVOICE.

FIELD OFFICE

15/0



A Division of Halliburton Company  
DUNCAN, OKLAHOMA 73838

# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND  
TICKET NO. 1756

ORIGINAL

DATE <b>2/8/91</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>8 Abett</b>	COUNTY <b>Clark</b>	STATE <b>Ks.</b>
PURCHASER <b>American Warrior</b>		OWNER <b>Same</b>	CONTRACTOR <b>Eagle Drig.</b>	No. <b>B573075</b>
BILLING ADDRESS		DELIVERED FROM <b>Pratt, Ks.</b>	LOCATION CODE <b>25555</b>	PREPARED BY <b>Jim Arend</b>
CITY & STATE		DELIVERED TO <b>Well Site</b>	TRUCK NO. <b>2609-6660</b>	RECEIVED BY

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
				Halliburton Light Cement	225	Sks					
04-316				Halliburton Light Cement	225	Sks			5.64	1,269.	00
09-406				Calcium Chloride	6	Sks			26.25	157.	50
07-210				Flocele @ 1/2 #/sk	112	#			1.30	145.	60
				Standard	146						
				Poz	79						
				Gel	12						
				40/60 Pozmix Cement	175	Sks					
14-308				Standard Cement	105	Sks			5.35	561.	75
16-105				Pozmix A	70	Sks			3.29	230.	30
16-121				Halliburton Gal @ 2% Allowed	3	Sks				N/C	
19-406				Calcium Chloride	4	Sks			26.25	105.	00

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAY 05 1993  
CONSTRUCTION DIVISION  
WICHITA, KS

		Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES		
						SERVICE CHARGE ON MATERIALS RETURNED	CU. FEET
0-207						SERVICE CHARGE	CU. FEET 427 1.15 491. 05
0-306		Mileage Charge	37,044	77		TOTAL WEIGHT	1,426.19 .80 1,140. 96
<b>B 573075</b>		CARRY FORWARD TO INVOICE			SUB-TOTAL		<b>4,101. 16</b>

RICT: PRATT, KS

DATE 12/8/91

HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: AMERICA WARRIOR (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

L. NO. 8 LEASE ABELL SEC. 35 TWP. 32 S RANGE 23W  
D. COUNTY CLARK STATE KS OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	N		8 5/8	0	668 FT	
LINER						
TUBING						
OPEN HOLE			12 1/4"	668'	675'	SHOTS/FT.
PERFORATIONS:						
PERFORATIONS						
PERFORATIONS						

VIOLIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

ATTNMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_

CMT 8 5/8 SURFACE PIPE WITH 225 SKS HALLIBURTON LITE CEMENT WITH 370 CC, 1/2" FLOCEL AND 225 SKS 40/60 POS WITH 270 GEL, 370 CC.

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

in consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED.

1. To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.

2. To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:

- Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
- Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
- Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents, and servants of all of them.

3. That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.

4. That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

5. That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

6. To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.

7. That this contract shall be governed by the law of the state where services are performed or materials are furnished.

8. That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED K.O. [Signature] CUSTOMER

DATE 12/8/91

TIME 15:30 A.M. (P.M.)

certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.



# JOB SUMMARY

HALLIBURTON DIVISION: DRILLING  
LOCATION: PRATT, KS

BILLED ON TICKET NO. 173563

CUSTOMER

## WELL DATA

SEC. 35 TWP. 32S RNG. 23W COUNTY. CLARK STATE KS

WELL NAME \_\_\_\_\_ TYPE \_\_\_\_\_

WELL THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

WELL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

WELL ENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

WELL BITER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

WELL BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

WELL DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	245	8 3/8	0	6608 FT
LINER					
TUBING					
OPEN HOLE					SHOTS/FT.
PERFORATIONS					
PERFORATIONS					
PERFORATIONS					

## JOB DATA

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
WELL COLLAR		
WELL SHOE		
WELL GUIDE SHOE		
WELL TRAILERS	<u>5-4 8 3/8</u>	<u>HALCO</u>
WELL TOM PLUG		
WELL PLUG	<u>WOODEN 8 3/8</u>	<u>HALCO</u>
WELL CHUTE		
WELL CHUTE BASKET	<u>1</u>	<u>HALCO</u>
WELL RAFFEL PLATE	<u>1</u>	<u>HALCO</u>

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12/8/91</u> TIME <u>1120</u>	DATE <u>12/8/91</u> TIME <u>1500</u>	DATE <u>12/8/91</u> TIME <u>1957</u>	DATE <u>12/8/91</u> TIME <u>2035</u>

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>JIM AREND</u>	<u>CMT 34445</u>	<u>PRATT, KS</u>
<u>MARVIN MONAGHAN</u>	<u>3473 DUMP TRK</u>	<u>PRATT, KS</u>
<u>KEITH REEFORT</u>	<u>3093 BULK TRK</u>	<u>PRATT, KS</u>
<u>81513</u>		

## MATERIALS

WELL MUD FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API

WELL PL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API

WELL W.P. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB

WELL W.P. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB

WELL D. TYPE \_\_\_\_\_ GAL \_\_\_\_\_ %

WELL D. TYPE \_\_\_\_\_ GAL \_\_\_\_\_ %

WELL D. TYPE \_\_\_\_\_ GAL \_\_\_\_\_ %

WELL D. TYPE \_\_\_\_\_ GAL \_\_\_\_\_ %

WELL REACTANT TYPE \_\_\_\_\_ GAL \_\_\_\_\_ IN

WELL AGENT TYPE \_\_\_\_\_ GAL \_\_\_\_\_ IN

WELL WID LOSS ADD. TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN

WELL SLLING AGENT TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN

WELL W.C. RED. AGENT TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN

WELL WEAVER TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_ IN

WELL W. CCKING AGENT TYPE \_\_\_\_\_ GAL-LB \_\_\_\_\_

WELL W. RFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

WELL W. \_\_\_\_\_

WELL W. \_\_\_\_\_

DEPARTMENT CMT 1535

DESCRIPTION OF JOB 8 3/8 SURFACE PIPE

WELL JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X K.O. Steinfeld

HALLIBURTON OPERATOR JIM AREND COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>225</u>	<u>HLC</u>	<u>PORTLAND</u>	<u>Y</u>	<u>270 C.C. 1/2# FLOLELE</u>	<u>1.97</u>	<u>12.4</u>
<u>2</u>	<u>225</u>	<u>40/60 P2</u>	<u>PORTLAND</u>	<u>Y</u>	<u>270 GEL, 320 C.C.</u>	<u>1.26</u>	<u>14.5</u>

## PRESSURES IN PSI

WELL CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

WELL BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

WELL AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

WELL SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

WELL HYDRAULIC HORSEPOWER \_\_\_\_\_

WELL ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

WELL AVERAGE RATES IN BPM \_\_\_\_\_

WELL TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

WELL CEMENT LEFT IN PIPE \_\_\_\_\_

WELL FEET 4/2 REASON Small joint

## SUMMARY

## VOLUMES

WELL PRES. LUSH: BBL-GAL \_\_\_\_\_ TYPE \_\_\_\_\_

WELL LOAD & BKDN: BBL-GAL \_\_\_\_\_ PAD: BBL-GAL \_\_\_\_\_

WELL TREATMENT: BBL-GAL \_\_\_\_\_ DISPL: BBL-GAL 40

WELL CEMENT SLURRY: BBL-GAL 16.679 - 39.25

WELL TOTAL VOLUME: BBL-GAL 157.25

## REMARKS

See job log, Thank You!

AMERICAN WARRIOR LEASE ABELL WELL NO. 8 JOB TYPE 8 3/8 SURFACE DATE 12/8/91

ORIGINAL

**JOB LOG**

WELL NO. 8 LEASE Abell TICKET NO. 173563

CUSTOMER AMERICAN WARRIOR PAGE NO. 1

FORM 2013 R-2

JOB TYPE 8 5/8" SURFACE DATE 12/8/91

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1130							Called for job READY @ 1500
	1500							On location @ time requested
								Rig @ 501' of to 12 1/2" hole
	1700							Finish drilling hole - condition hole
	1805							Start Running 663 25# 8 5/8" csg.
	1946							Finish Running Csg. Hook up to Circulate
	1957							Start Circulating
	2007							Finish Circulating - Hook up to Pump Truck
	2010					175		Start Mixing 225 sks Halliburton light
	2							3% Calcium Chloride, 1/2" Flocote 9 175 #/100 gal
								220 gal 3% CaCl <sub>2</sub>
	2031		118			100		Finish mixing cement
								Release CP-1 Plug
	2029							Start displacing
	2035		100			375		Finish displacing - close in manifold
								Job Complete - Thank You Jim Keith!
								Mark
								Cement Circulated to Surface

ORIGINAL

REC'D  
KANSAS CORPORATION  
MAR 03 1993  
DATE/TIME/LOCATION  
ROOM NO

ORIGINAL

DATE 12/2/41

OPERATOR *Arred*

TICKET NUMBER 173563

WELL NO. 2473

MAXIMUM CEMENT

DISPLACING

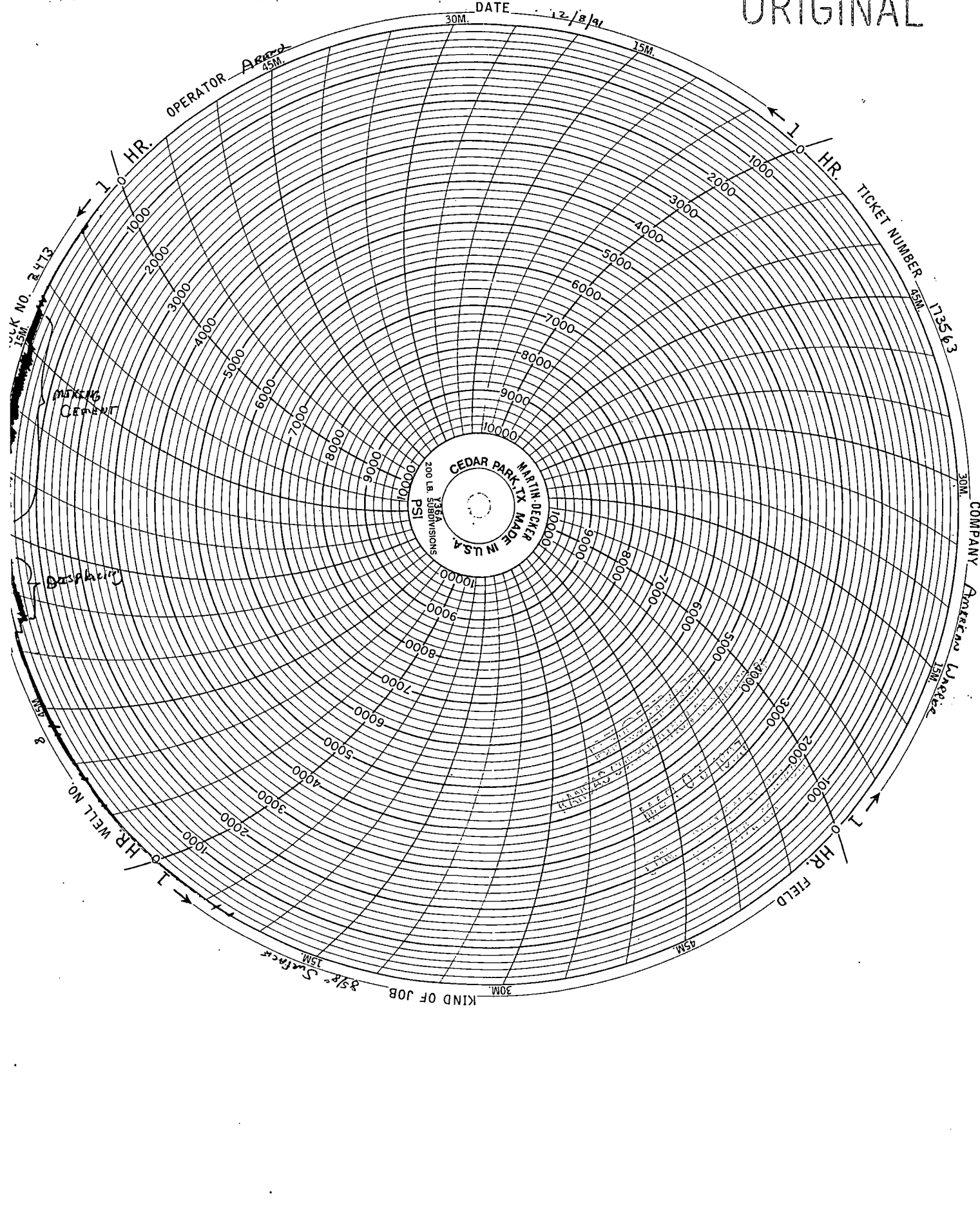
WELL NO. 2

HR. FIELD

KIND OF JOB 8 1/2" Surface

COMPANY American Water

CEDAR PARK, TX. MADE IN U.S.A.  
MILK DECKER  
200 LB. SUBDIVISIONS  
735A  
PSI



RM 1906 R-11

WELL NO. - FARM OR LEASE NAME <b>#8 Abell</b>		COUNTY <b>Clark</b>	STATE <b>Ks</b>	CITY / OFFSHORE LOCATION	DATE <b>12-15-91</b>
PURCHASER TO <b>American Warrior</b>		OWNER		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS <b>P.O. Box 399</b>		CONTRACTOR <b>Eagle Drilling</b>		LOCATION <b>1 Mess City, Ks</b>	CODE <b>25353</b>
CITY, STATE, ZIP <b>Garden City, Ks</b>		SHIPPED VIA <b>Mess City</b>		LOCATION <b>2 Great Bend, Ks</b>	CODE <b>25520</b>
WELL TYPE <b>01</b>		WELL CATEGORY <b>01</b>		LOCATION <b>3</b>	CODE
WELL PERMIT NO.		DELIVERED TO <b>Wag Ashland</b>		REFERRAL LOCATION	
NAME AND PURPOSE OF JOB <b>035</b>		ORDER NO. <b>B-978390</b>			

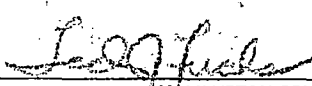
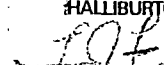
As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF. OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
00-117		1		MILEAGE 3580	72	mi			260	187.20
21-016		1		Pump Service	5	no ft			1365.00	1365.00
30-016		1		Tap Plug 5-4	1	ea	5/8 in	5.00		5.00
12-A	825,205	1		Gravel shoe	1	ea	5/8 in	105.00		105.00
24-A	215,1251	1		Insert flint	1	ea	5/8 in	8.00		8.00
27	815,11311	1		Filling Assy	1	ea	5/8 in	30.00		30.00
40	807,93022	1		Centralizers	1	ea	5/8 in	44.00		44.00
320	800,0180	1		Cement Bush	2	ea	5/8 in	90.00		180.00
18-317		1		Super Fluid	6	st		87.00		522.00
THIS IS NOT AN INVOICE										

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-978390** 2215.65

WAS JOB SATISFACTORILY COMPLETED? \_\_\_\_\_  
 WAS OPERATION OF EQUIPMENT SATISFACTORY? \_\_\_\_\_  
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY? \_\_\_\_\_  
 CUSTOMER OR HIS AGENT (PLEASE PRINT)  
*Scott Carson*  
 CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.  
  
 HALLIBURTON OPERATOR  
  
 HALLIBURTON APPROVAL CUSTOMER

SUB TOTAL \_\_\_\_\_  
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORIGINAL

ATTACH TO INVOICE & TICKET NO. 168370

STRICT Aratt

DATE 12-15-91

HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO American Warrior (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #8 LEASE Abell SEC. 35 TWP. 32 RANGE 23  
ELD COUNTY Clark STATE Ks OWNED BY State

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		<u>U</u>	<u>17</u>	<u>5 1/2</u>	<u>GL</u>	<u>4999</u>	
LINER							
TUBING							
OPEN HOLE					<u>4999</u>	<u>5000</u>	SHOTS/FT.
PERFORATIONS				<u>0.5 1005</u>			
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED  
Long string - Cont csg. w/ 125 sks CA-2 w/ 4.75 Haled 322  
250 gal Super Flush R. a head  
25 sks 60/40 per mix 22 gal for rat hole mouse hole

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
  - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
  - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
  - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Shane Conner CUSTOMER

DATE 12-15-91

certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

TIME 1130 A.M. P.M.

CUSTOMER



**WELL DATA**

ELD \_\_\_\_\_ SEC 35 TWP. 32 RNG. 23 COUNTY Clark STATE Ks

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM ORIGINAL 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 \_\_\_\_\_

ISC. DATA \_\_\_\_\_ TOTAL DEPTH 5000

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>2</u>	<u>17</u>	<u>5 1/2</u>	<u>GL</u>	<u>4999</u>	
LINER						
TUBING						
OPEN HOLE				<u>4999</u>	<u>5000</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

TOOLS AND ACCESSORIES		DATE	ON LOCATION	JOB STARTED	JOB COMPLETED
TYPE AND SIZE	QTY.	MAKE	DATE <u>12-15-91</u>	DATE <u>12-15-91</u>	DATE <u>12-15-91</u>
SOAT COLLAR			TIME <u>08:00</u>	TIME <u>19:10</u>	TIME <u>15:30</u>
SOAT SHOE					TIME <u>20:00</u>
SHOE SHOE <u>Ray 5 1/2</u>	<u>1</u>	<u>Hawco</u>			
CENTRALIZERS <u>5-1/4 5-1/2</u>	<u>6</u>	<u>Hawco</u>			
BOTTOM PLUG					
SP PLUG <u>5-1/2 5-1/2</u>	<u>1</u>	<u>Hawco</u>			
HEAD					
WEAR <u>Drum + Flare 5-1/2</u>	<u>1</u>	<u>Hawco</u>			
OTHER <u>Cement baskets</u>	<u>2</u>	<u>Hawco</u>			

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Fuchs</u>	<u>3580</u>	<u>Ness City, Ks</u>
<u>Bruce Crosswhite</u>	<u>Comb</u>	<u>Ness City, Ks</u>
<u>S. Henry</u>	<u>3096</u>	<u>Great Bend, Ks</u>
	<u>Bulls</u>	

**MATERIALS**

HEAT FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API \_\_\_\_\_

SPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API \_\_\_\_\_

IOP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

IOP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

IOD. TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

IOD. TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

IOD. TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

IRFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.

E AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.

UID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

ELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

IC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

TEAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

OCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

IRFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT Cont

DESCRIPTION OF JOB Long string

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X Scott Corison

HALLIBURTON OPERATOR T. Fuchs COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>125</u>	<u>Common</u>	<u>Port</u>	<u>B</u>	<u>52 lb actual 13% salt, 4% hb, 1.0322, 1/2" Flare</u>	<u>1.036</u>	<u>15.1</u>
	<u>25</u>	<u>60140</u>	<u>Repair</u>	<u>B</u>	<u>22.20</u>	<u>1.26</u>	<u>11.9</u>

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

RECULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL-GAL. 6.651 Superfluid \_\_\_\_\_

TEAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL-GAL. \_\_\_\_\_ PAD: BBL-GAL. \_\_\_\_\_

PERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL-GAL. \_\_\_\_\_ DISPL: BBL-GAL. 116.8

UT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL-GAL. 30.27

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ TOTAL VOLUME: BBL-GAL. \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_ REMARKS \_\_\_\_\_

HEATING \_\_\_\_\_ DISPL \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

LET 30 REASON shoe joint

CUSTOMER: American Marine  
 LEASE: Abell  
 WELL NO.: #0  
 JOB TYPE: Long string  
 DATE: 12-15-91



HALLIBURTON SERVICES  
Duncan, Oklahoma 73533  
A Division of Halliburton Company

# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

ORIGINAL FOR INVOICE AND TICKET NO. **168370**

DATE <b>12-15-91</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>Abel #8</b>	COUNTY <b>Clark</b>	STATE <b>Ks.</b>
PURCHASER <b>American Warrior</b>		OWNER <b>American Warrior</b>	CONTRACTOR <b>Eagle Drlg.</b>	No. <b>B 978390</b>
BILLING ADDRESS		DELIVERED FROM <b>Great Bend, Ks.</b>	LOCATION CODE <b>25520</b>	PREPARED BY <b>S.C. Henry</b>
CITY & STATE		DELIVERED TO <b>Location</b>	TRUCK NO. <b>3046-6608</b>	RECEIVED BY <i>[Signature]</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
504-308	516.00261	2	B	standard Cement	125	sk			5.35	668.75
				25 40%Pozmix/60%Cement						
504-308	516.00261	2	B	standard Cement	15	sk			5.35	80.25
506-105	516.00286	2	B	Pozmix A	10	sk			3.29	32.90
506-121	516.00259	2	B	1 Halliburton Gel 2% allowed						NC
509-968	516.00315	2	B	Salt Blended 18%W/125	1000	lb.			.10	100.00
507-210	890.50071	2	B	Flocele Blended 1/4#W/125	31	lb.			1.30	40.30
507-775	516.00144	2	B	Halad-322 Blended .75%W/125	88	lb.			6.15	541.20
508-127	890.50131	2	B	EA-2 Blended 5%W/125	6	sk			19.70	118.20

THIS IS NOT AN INVOICE

KANSAS CORPORATION RECEIVED  
MAY 03 1992  
CONTRACTING DIVISION

			Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES					
			SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET				
500-207		2	B	SERVICE CHARGE			CU. FEET 174	1.15		200.10	
500-306		2	B	Mileage Charge	15,068	72	542.44	.80		433.95	
				TOTAL WEIGHT			TON MILES				
No. <b>B 978390</b>									CARRY FORWARD TO INVOICE	SUB-TOTAL	2215.65

CUSTOMER

**JOB LOG**

WELL NO. #8 LEASE Abell TICKET NO. 168370

CUSTOMER American Warrior PAGE NO. #1

JOB TYPE Zong string DATE 12-15-91

DRM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	18:00							Called out ORIGINAL
	18:30							On location / set up
	18:40							Rig laying down drill pipe
	18:50							Do collar work & remove P.O.P
	19:00							Start csg. w/ float off
	19:10							get. chg. in case float at 1000
	19:20							6 cement buckets on 1 1/2" 500 ft of 1 1/2" 16' = 20'
	19:30							2 cement buckets on 3/4" 1 1/2"
	19:40							Csg on bottom - Hook up - dropped bit
	19:50							start circulating
	19:55	2	2					Done circulating
	20:00	3	6					2 bbls fresh water
	20:05	2	2					6 bbls super fluid
	20:10	5	30					2 bbls fresh water
	20:15							125 lbs EA-2
	20:20							Release plug at wash out base
	20:25							Start 1 1/2" of
	20:30	118				70		Done w/ string
	20:35					1400		hooked plug at 1 1/2" section
	20:40					0		Released pressure - float ball
	20:45							washed up tub
	20:50							Rehooked up
	20:55							Job complete
	21:00							Thank you
								Jelly

T. Fuchs = 81993  
 B. Crosswhite = 89043  
 J. Henry = 55319  
 2580 STAR  
 2046 - Ball

KANSAS CORPORATION  
 MAR 03 1993  
 CONSTRUCTION