

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 P. O. Box 399

City/State/Zip Garden City, KS 67846

Purchaser: Texaco

Operator Contact Person: Scott Corsair

Phone (913) 398-2270

Contractor: Name: Discovery Drilling, Inc.

License: 31548

Wellsite Geologist: Scott Corsair

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

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

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

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

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

12-14-1994 12-22-1994 1-20-1995  
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23852-0000

County Ness

C - E/2 NE/4 Sec. 34 Twp. 18s Rge. 21 X W

1320 Feet from S(N) (circle one) Line of Section

660 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 Price Well # 9

Field Name Ryersee NW

Producing Formation Cherokee

Elevation: Ground 2184 KB 2192

Total Depth 4232 PBSD NA

Amount of Surface Pipe Set and Cemented at 467 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 2388 Feet

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

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

Drilling Fluid Management Plan AH-1, 2-27-98 v.c.  
(Data must be collected from the Reserve Pit)

Chloride content 23,000 ppm Fluid volume 2800 bbls

Dewatering method used evaporation

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

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

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

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

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

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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 4-5-1995

Subscribed and sworn to before me this 5th day of April, 19 95.

Notary Public Bernice Moore

Date Commission Expires 2/7/98

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
STATE CORPORATION COMMISSION Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
JAN 13 1998  
1-13-98  
(Specify)



AH-1

Operator Name American Warrior, Inc. Lease Name Price Well # 9

Sec. 34 Twp. 18s Rge. 21  East  West County Ness

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.)

List All E.Logs Run: Dual Induction, Compensated  
 Density Dual Spaced Neutron

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample		
Name	Top	Datum
Anhydrite	1388'	+804
Heebner	3625	-1433
Lansing	3672	-1480
Base Kansas City	3980	-1788
Pawnee	4065	-1873
Ft. Scott	4134	-1942
Cherokee Shale	4149	-1957
Mississippian Osage	4225	-2039

**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	467	40/60 poz	265	2%gel/3% cc
Production	7 7/8	5 1/2	14	4229	EA-2	75	

**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	4225-4232		

<b>TUBING RECORD</b>	Size <u>2 3/8</u>	Set At <u>4205</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 1-26-1995 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf	Water Bbls. <u>20</u>	Gas-Oil Ratio	Gravity <u>39</u>
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Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 4225-4232

(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_



**HALLIBURTON ENERGY SERVICES**

HAL-1906-N

CHARGE TO:

ADDRESS

CITY, STATE, ZIP CODE

American Warrick

P.O. Box 399

Garden City, KS 67846

DUNCAN COPY

TICKET

No.

722881 - 5

PAGE 1 OF 2

SERVICE LOCATIONS 1 HAYS, KS 25525	WELL/PROJECT NO. 9	LEASE Price	COUNTY/PARISH NESS	STATE KS	CITY/OFFSHORE LOCATION Alexander, KS	DATE 12-15-94	OWNER SAME
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR Discovery Drilling	RIG NAME/NO. 1	SHIPPED VIA 51145	DELIVERED TO WELLSITE	ORDER NO.
3.	<input type="checkbox"/> SALES	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 010	WELL PERMIT NO. AP3 15-135-23852	WELL LOCATION 4 W 3/4 S Alexander, KS	
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
000-117		1	MILEAGE	34	mi			275	93 50
001-016		1	Pump Service	467	ft			630 00	630 00
030-503	401.4221	1	Trap Plug	1	EA	8 5/8 IN		95 00	95 00
ORIGINAL									

<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY</b> provisions.  MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  X <i>Thomas Ah</i> DATE SIGNED _____ TIME SIGNED _____ <input type="checkbox"/> A.M. <input type="checkbox"/> P.M. <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	<b>SURVEY:</b> <input type="checkbox"/> AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE	PAGE TOTAL 818 50	
	TYPE LOCK _____ DEPTH _____ BEAN SIZE _____ SPACERS _____	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO	FROM CONTINUATION PAGE(S) 2515 29	
	TYPE OF EQUALIZING SUB. _____ CASING PRESSURE _____ TUBING SIZE _____ TUBING PRESSURE _____ WELL DEPTH _____ TREE CONNECTION _____ TYPE VALVE _____	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND	SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 3333 79	
	<b>CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES</b> The customer hereby acknowledges receipt of the materials and services listed on this ticket.			

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	X <i>Thomas Ah</i>	G Palenberg	41489	



JOB LOG HAL-2013-C

DATE 12-14-94 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 9 LEASE Price JOB TYPE Surface TICKET NO. 722881

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	2150							Called out	
	2400							On location Rig drill @ 435'	
								Set up Equipment	
								Casing on bottom	
								Rig up to Circulate	
	0500							Start circulating casing	
	0515							stop circulating - Rig up to pump truck	
								Start mixing cement	
								265 sks 40/60 Permox A	
								276 gal 3% CE	
	0540	4 3/4	61	ORIGINAL				Cement mixed	
	0541								Release Plug
	0542								Start Displacement
	0610	4 3/4	28 1/2						Plug down
	0630							<del>Cement did circulate</del> ✓ close In	
								Rack up Equipment	
								Job Completed,	

Thank you,  
Gail, Harry & Doug

RECEIVED  
STATE OF TEXAS  
JAN 9 3 1995



TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 722 381

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER American Warrior

WELL Price # 9

DATE 12/14/94 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
704 136		1		B	40/100 Poz-Nit Standard	265				6.57	1741.05
506 121		1		B	45K Halliburton Gel @ 26c						1.00
509 406		1		B	Calcium Chloride	6					270.00
ORIGINAL											
570 907		1		W	SERVICE CHARGE						277
571 911		1		W	MILEAGE CHARGE						17
					TOTAL WEIGHT	22,265					
					LOADED MILES		17				
					CUBIC FEET					135	333.95
					TON MILES					85	179.75

ED. MISSISSAUGA  
JAN 3 1995  
CONSERVATION DIVISION  
1000 HWY. 10  
MISSISSAUGA, ONT. L4V 1G8B

No. B 232658

CONTINUATION TOTAL 2515.29

FIELD Ryansee NW SEC 34 TWP. 18s RING. 21w COUNTY NESS 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 NATURAL MUD WT. \_\_\_\_\_  
 PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
 BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
 MISC. DATA \_\_\_\_\_ TOTAL DEPTH 470

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	0	23	8 5/8	0	467	
LINER						
TUBING						
OPEN HOLE			12 1/4	467	470	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

**JOB DATA**

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-14</u>	DATE <u>12-15</u>	DATE <u>12-15</u>	DATE <u>12-15</u>
TIME <u>2150</u>	TIME <u>2400</u>	TIME <u>0500</u>	TIME <u>0630</u>

**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 \_\_\_\_\_

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>G. Palmberg 41489</u>	<u>40029</u>	<u>HAYS</u>
<u>S. Blasing 52160</u>	<u>51145</u>	<u>HAYS</u>
<u>D. Beckland 91512</u>	<u>76103</u>	<u>HAYS</u>
	<u>51252</u>	<u>HAYS</u>

**ORIGINAL**

DEPARTMENT Cement  
 DESCRIPTION OF JOB CEMENT SURFACE CSG  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE X Thomas Ah  
 HALLIBURTON OPERATOR G. Palmberg COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>265</u>	<u>40/60 Pozmix 8</u>	<u>B</u>		<u>2% G.C. 3% CC</u>	<u>1.30</u>	<u>13.6</u>

**PRESSURES IN PSI** \_\_\_\_\_ **SUMMARY** \_\_\_\_\_ **VOLUMES** \_\_\_\_\_  
 CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESFLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_  
 SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. \_\_\_\_\_  
 HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_ 23 1/2  
 ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
 AVERAGE RATES IN BPM \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_  
 FEET 17 REASON TO BE DRILLED

**REMARKS**  
90  
**RECEIVED**  
 STATE \_\_\_\_\_  
SEC 34 TWP 18S RING 21W  
1968  
**JAN 15 1968**



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: AMERICAN WARRIOR INC.  
 ADDRESS: P.O. Box 399  
 CITY, STATE, ZIP CODE: GARDEN CITY, KS 67846

DUNCAN COPY

TICKET

No. 722692 - 3

PAGE 1 OF 2

1. SERVICE LOCATIONS HAYS, KS	WELL/PROJECT NO. 9	LEASE PRICE	COUNTY/PARISH NESS	STATE KS	CITY/OFFSHORE LOCATION	DATE 12-22-94	OWNER SAME
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES	CONTRACTOR DISCOVERY DRILLING	RIG NAME/NO.	SHIPPED VIA 5143	DELIVERED TO LOCATION	ORDER NO. 51	
3. <input type="checkbox"/> SALES	<input checked="" type="checkbox"/> NO	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO. 15-135-23852	WELL LOCATION S 24 - PLANT 185 - R 21W	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
000-117		1	MILEAGE RTM # 5143	34	MT			2.75	93.50
001-016		1	PUMP SERVICE	4230	FT	6	HRS	1670.00	1670.00
80	855.137	1	FORMATON PAPER SHOE - (ARROW)	1	EA	5 1/2"		2504.00	2504.00
40	807.43022	1	CENTRALIZAS S-4	8	EA	5 1/2"		44.00	352.00
310	800.8223	1	CEMENT BASKETS	3	EA	5 1/2"		110.00	330.00
73	813.0151	1	PORT COLLAR - (BAKER)	1	EA	5 1/2"		1300.00	1300.00
018-317		1	SUPERFLUSH	6	SKS			100.00	600.00
218-733		1	CUMEX II	2	Gal			24.00	48.00

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

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		<b>SURVEY</b>		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 6897.50
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					FROM CONTINUATION PAGE(S) 2601.29
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 9498.89
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
DATE SIGNED 12-22-94	TIME SIGNED 0800	<input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered		TREE CONNECTION		TYPE VALVE		<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.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) Scott Corsini	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X Scott Corsini	HALLIBURTON OPERATOR/ENGINEER WADE E. WILSON	EMP # 89377	HALLIBURTON APPROVAL
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TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 722692

HALLIBURTON ENERGY SERVICES

CUSTOMER *American Mariner*

WELL *Pack #9*

DATE *12/22/94* PAGE 2 OF 2

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>504-38</i>		<i>1</i>		<i>B</i>	<i>Standard Cement</i>	<i>110</i>				<i>7.92</i>	<i>860.20</i>
<i>509-968</i>		<i>1</i>		<i>B</i>	<i>Salt</i>	<i>750</i>	<i>lb</i>			<i>85</i>	<i>112.50</i>
<i>507-778</i>		<i>1</i>		<i>B</i>	<i>Hydrol-344</i>	<i>35</i>	<i>lb</i>			<i>27.45</i>	<i>959.25</i>
<i>508-127</i>		<i>1</i>		<i>B</i>	<i>Cal Seal</i>	<i>4</i>				<i>27.90</i>	<i>111.60</i>
<i>508-291</i>		<i>1</i>		<i>B</i>	<i>Gelcrete</i>	<i>525</i>	<i>lb</i>			<i>210</i>	<i>110.25</i>
<i>507-153</i>		<i>1</i>		<i>B</i>	<i>CFR-3</i>	<i>17</i>	<i>lb</i>			<i>4.85</i>	<i>82.45</i>
<b>ORIGINAL</b>											
<i>500-907</i>		<i>1</i>		<i>B</i>	SERVICE CHARGE					<i>137</i>	<i>180.95</i>
<i>500-766</i>		<i>1</i>		<i>R</i>	MILEAGE CHARGE					<i>75</i>	<i>97.44</i>
					TOTAL WEIGHT	<i>12,607</i>					
					LOADED MILES	<i>17</i>					
					CUBIC FEET						
					TON MILES	<i>102,569</i>					

RECEIVED  
 STATE OF TEXAS  
 DEPARTMENT OF REVENUE  
 TAX DIVISION  
 12/22/94

No. B 232666

CONTINUATION TOTAL *2601.39*



**WELL DATA**

FIELD \_\_\_\_\_ SEC 34 TWP. 18S RNG. 21W COUNTY NESS 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	U	14	5 1/2	K8	4230.13	
LINER						
TUBING						
OPEN HOLE			7 7/8	4230	4232	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-22</u>	DATE <u>12-22</u>	DATE <u>12-22</u>	DATE <u>12-22</u>
TIME <u>0430</u>	TIME <u>0600</u>	TIME <u>1230</u>	TIME <u>1515</u>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>PORT COLLAR</u>	<u>1</u>	<u>BAKER</u>
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS	<u>8</u>	<u>HOWCO</u>
BOTTOM PLUG		
TOP PLUG <u>LATCH DOWN</u>	<u>1</u>	<u>"</u>
HEAD <u>PC</u>	<u>1</u>	<u>"</u>
PACKER <u>FORMERED PER SHOUL</u>	<u>1</u>	<u>ARROW</u>
OTHER <u>BASKETS</u>	<u>3</u>	<u>HOWCO/BAKER</u>

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>W. WILSON</u>	<u>89317</u>	<u>1144, KS</u>
<u>D. ASH</u>	<u>E1609</u>	<u>"</u>
<u>M. KIRBY</u>	<u>G1511</u>	<u>"</u>
	<u>PECK-UP</u>	
	<u>39604</u>	
	<u>COMBO</u>	
	<u>51143</u>	
	<u>BULK</u>	
	<u>0813</u>	

**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 \_\_\_\_\_

**ORIGINAL**

DEPARTMENT CEMENT  
 DESCRIPTION OF JOB 5 1/2" LONGSTRENG  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE X SCOTT COOPER  
 HALLIBURTON OPERATOR Way & Wil COPIES REQUESTED 1

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>35</u>	<u>STANDARD</u>		<u>B</u>	<u>10% SALT</u>	<u>1.20</u>	<u>15.8</u>
	<u>75</u>	<u>EA-2</u>		<u>B</u>	<u>5% COLMAX, 13% SALT, 1/2% HAVAD-344, 1/4% SFR-3, 7% GELWHITE P/SK</u>	<u>1.36</u>	<u>15.5</u>
<u>(15 SCS HEAD CEMENT PLUG PORTION)</u>							

**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 19.77 REASON LATCH DOWN BAFFLE

**SUMMARY**

PRESLUSH: BBL.-GAL. 20 / 6 TYPE CUMUL/SUBREVEN  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ STATE REVEN DISPL. BBL. 102.8  
 CEMENT SLURRY (BBL.-GAL.) 7.5 - 18.2 = 25.7  
 TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_  
 REMARKS 1998  
IP - 4230.13  
CENTRALIZERS - 1, 2, 3, 4  
PORT COLLAR @ 2387.76  
SET 2' OFF BOTTOM

CUSTOMER AMERICAN WORKERS  
 LEASE  
 WELL NO. 7  
 JOB TYPE  
 DATE 12-22-11



**JOB LOG** HAL-2013-C

DATE: 12-22-94 PAGE NO: 1

CUSTOMER: AMERICAN WOODPINE WELL NO.: 9 LEASE: PRICE JOB TYPE: 5 1/2" LONGSTRAW TICKET NO.: 722692

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0430							CALLED OUT
	0600							ON LOCATION - DISCUSS JOB PROCEDURE GIVE MSDS PAPERS TO COMPANY MAN
	1230							BREAK CIRCULATION - MUD PUMP
	1300							DROP PACKER SHOE SETTING BALL
	1305							LOAD LATCH DOWN PLUG
1	1323	1	0		✓			START CUYTEX II FLUSH
	1323	1	1		✓	1100		SET PACKER SHOE
		6	20		✓	200		FINISH CUYTEX II FLUSH
	1327		6		✓	200		PUMP SUPERFLUSH ORIGINAL
	1335		3.2					PLUG RATHOLE
	1337		2.5					PLUG MOUSEHOLE
	1342	6	22.5		✓	200		MAX CEMENT
	1348		7					WASH OUT PUMP - LEAKS
	1349							RELEASE PLUG
	1352	7	0		✓	400		DISPLACE PLUG
	1408		102.8		✓	1500		PLUG DOWN
	1412					1500		RELEASE PST-HELD
								WASH-UP
								RACE-UP
	1515							JOB COMPLETE

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THANK YOU  
WAYNE WELSON  
DAVE ASH  
MEL KAPLAN

CUSTOMER

ORIGINAL

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

15-135-23852

Drill-Stem Test Data

Well Name PRICE #9 Test No. 1 Date 12/21/94
Company AMERICAN WARRIOR Zone BASEL SD
Address PO BOX 399 GARDEN CITY KS 67846 Elevation 2192
Co. Rep./Geo. SCOTT CORSAIR Cont. DISCOVERY #1 Est. Ft. of Pay
Location: Sec. 34 Twp. 18S Rge. 21W Co. NESS State KS

Interval Tested 4150-4190 Drill Pipe Size 4.5" XH
Anchor Length 40 Wt. Pipe I.D. - 2.7 Ft. Run
Top Packer Depth 4145 Drill Collar - 2.25 Ft. Run
Bottom Packer Depth 4150 Mud Wt. 9.4 lb/Gal.
Total Depth 4190 Viscosity 53 Filtrate 12.8

Tool Open @ 11:06AM Initial Blow WEAK, BUILDING TO BOTTOM OF BUCKET IN 4-1/2 MINUTES.
Final Blow WEAK, BUILDING TO 2".

Recovery - Total Feet 268 Flush Tool? NO

Rec. 496 Feet of GAS IN PIPE
Rec. 144 Feet of CLEAN GASSY OIL. 10% GAS; 90% OIL.
Rec. 124 Feet of MUD CUT GASSY OIL. 40% GAS; 40% OIL; 20% MUD.

BHT 114 °F Gravity °API @ °F Corrected Gravity 36 °API
RW @ °F Chlorides ppm Recovery Chlorides 6825 ppm System

(A) Initial Hydrostatic Mud 2165.2 PSI AK1 Recorder No. 2341 Range

(B) First Initial Flow Pressure 108.9 PSI @ (depth) 4154 w / Clock No.

(C) First Final Flow Pressure 108.9 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 285.6 PSI @ (depth) 4186 w / Clock No. 27501

(E) Second Initial Flow Pressure 128.9 PSI AK1 Recorder No. Range

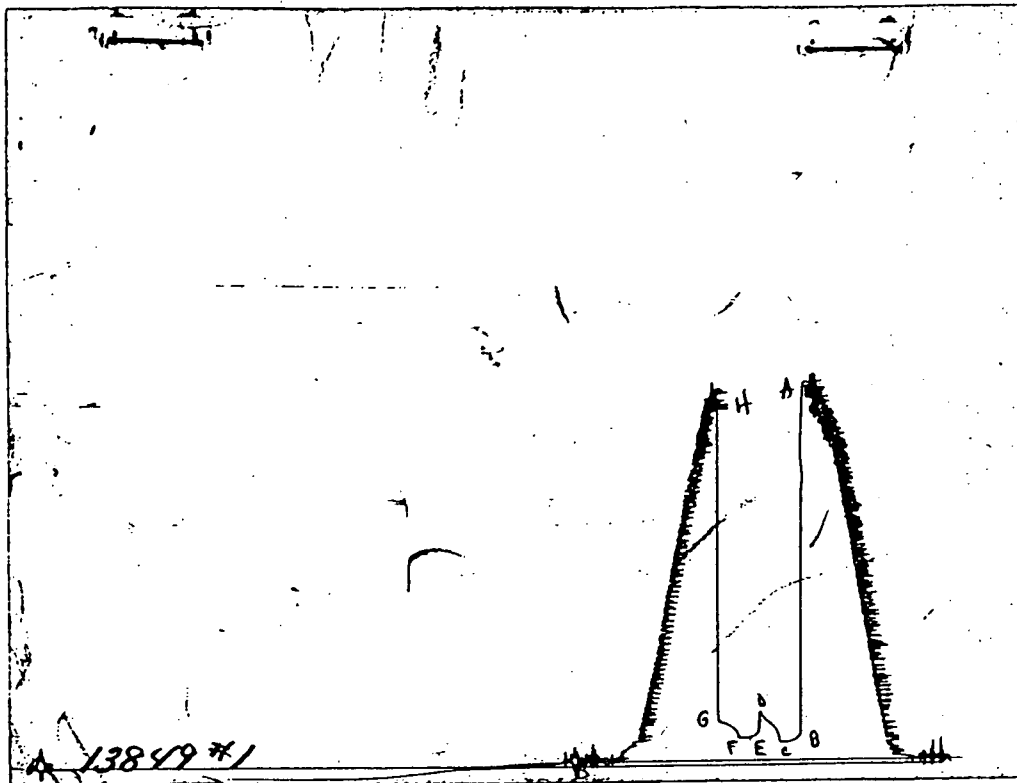
(F) Second Final Flow Pressure 128.9 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 227.8 PSI Initial Opening 15 Final Flow 15

(H) Final Hydrostatic Mud 2145.4 PSI Initial Shut-in 15 Final Shut-in 15

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Our Representative DAN BANGLE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2202	2165
(B) FIRST INITIAL FLOW PRESSURE	111	108.9
(C) FIRST FINAL FLOW PRESSURE	111	108.9
(D) INITIAL CLOSED-IN PRESSURE	277	285.6
(E) SECOND INITIAL FLOW PRESSURE	144	128.9
(F) SECOND FINAL FLOW PRESSURE	144	128.9
(G) FINAL CLOSED-IN PRESSURE	222	227.8
(H) FINAL HYDROSTATIC MUD	2125	2145

ORIGINAL

**SCOTT CORSAIR**

**PETROLEUM GEOLOGIST**

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

**GEOLOGICAL REPORT**

**AMERICAN WARRIOR, INC.**

PRICE NO. 9  
CE/2 NE/4  
Section 34-18S-21W  
Ness County, Kansas

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 13 1998  
CORPORATION DIVISION  
WICHITA, KANSAS

ORIGINAL

OPERATOR: AMERICAN WARRIOR, INC.

WELL: PRICE NO. 9

API NO.: 15-135-23852

LOCATION: C OF E/2 NE/4, SEC. 34-18S-21W

WELLSITE: FARMGROUND

COMMENCED: DECEMBER 14, 1994

COMPLETED: DECEMBER 22, 1994

ELEVATIONS: 2184' GL ; 2192' KB

TOTAL DEPTH: 4232' (DRILLER); 4231 (LOGGER)

CASING: SURFACE: 8 5/8 @ 467/265 SKS.  
 PRODUCTION: 5 1/2 @ 4229' W/100 SKS  
 BAKER PORT COLLAR @ 2388'

SAMPLES: 10 FT. FROM 3600' TO T.D.

LOGS: DUAL INDUCTION, COMPENSATED DENSITY  
 DUAL SPACED NEUTRON, BY HLS

CONTRACTOR: DISCOVERY DRILLING (RIG 1)

REMARKS: Geological supervision: 3600' - T.D.

FORMATION TOPS	ELECTRICAL LOG SUBSEA		SAMPLES SUBSEA	
Anhydrite	1388	+804		
Heebner	3625	-1433	3628	-1436
Lansing	3672	-1480	3674	-1482
Base Kansas City	3980	-1788	3979	-1787
Pawnee	4065	-1873	4067	-1875
Ft. Scott	4134	-1942	4135	-1943
Cherokee Shale	4149	-1957	4151	-1959
Mississippian Osage	4225	-2039	4232	RECEIVED 2041

STAFF COPY

JAN 13 1995

# SAMPLE ZONE DESCRIPTION

Logger's Measurements

## LANSING-KANSAS CITY 3672 -1480

There were no shows of oil/gas observed in the porous zones during the drilling of the Lansing-Kansas City section.

## PAWNEE 4065 -1873

There were no shows of oil/gas observed during the drilling of the Pawnee section.

## FT. SCOTT 4134 -1942

Limestone: gray to tan, dense, no show

## CHEROKEE 4149 -1957

4163-4168, Sandstone: clear, fine grained, angular, clusters, dull fluorescence, good fluorescence when clusters are broke, excellent cut, no odor.

4185-4193, Sandstone: clear to frosted, poorly sorted, angular, few clusters with good show of free oil, dull fluorescence, good cut when cluster broke.

Drill Stem Test No. 1: 4150-4190 /15-15-15-15/ Weak blow building to the bottom of the bucked in 4.5 minutes during initial flow; Weak blow building to 2 inches during final flow; Recovered 268 feet of total fluid and 496 feet of gas; 144 feet of clean gassy oil, 10% gas/90% oil; 124 feet of mud cut gassy oil, 40% gas/40%oil/20% mud.

IHP 2165.2

IFP 108.9-108.9

ISIP 285.6

FFP 128.9-128.9

FSIP 227.8

FHP 2145.4

4196-4200, Sandstone: clear to frosted, poorly sorted, angular, clusters, slight show of free oil, dull fluorescence, good cut when clusters broke.

4206-4210, Sandstone: clear to frosted, poorly sorted, angular, clusters fairly well cemented, slight show of free oil, dull fluorescence, good cut when clusters broke.

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## MISSISSIPPIAN OSAGE 4225 -2033

**Chert:** white with trace of yellow, weathered and tripolitic with druzy quartz, good vuggy porosity, good show of free oil, excellent fluorescence and cut, excellent odor.

FORMATION	AMERICAN WARRIOR, INC. Price #9 C E/2 NE/4 34-18S-21W	AMERICAN WARRIOR, INC. Price #7 C S/2 NE/4 34-18S-21W	BIRMINGHAM & BARTLETT Price #2 'A' 150' NW of SE NE 34-18S-21W
Anhydrite	+ 804	+800	+ 795
Lansing	-1480	-1483	-1486
Cherokee	-1957	-1962	-1967
Mississippian Osage	-2033	-2047	-2041

### SUMMARY AND RECOMMENDATIONS

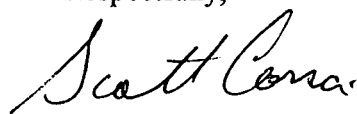
Drill Stem Tests, sample examination and Electrical log analysis indicate probable commercial production from the Cherokee Sand and Mississippian Osage. Based upon available data 5 1/2" production casing was set.

Pipe was set 2 feet off bottom @ 4229'. The following zones are recommended for testing.

1. Mississippian Osage: 4229-4232 (perforated/open hole)
2. Cherokee Sand: 4163-4168
3. Cherokee Sand: 4206-4210
4. Cherokee Sand: 4197-4200
5. Cherokee Sand: 4183-4190

Measurements were taken from rotary kelly bushing ( 8 feet above ground level). Logger's measurements are taken as correct.

Respectfully,



Scott Corsair  
Petroleum Geologist

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