

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: _____

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 Workovers:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

5-31-96 6-7-96 5-7-1997
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23937 0000

County Ness

150E SW- NW- NE Sec. 19 Twp. 20s Rge. 21 E W

990 Feet from S/N (circle one) Line of Section

2160 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 Schaben Well # 1

Field Name Schaben

Producing Formation Mississippian

Elevation: Ground 2249 KB 2257

Total Depth 4397 PBTD _____

Amount of Surface Pipe Set and Cemented at 250.12 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1426' Feet

If Alternate II completion, cement circulated from 1426'

feet depth to surface w/ 160 sx cmt.

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

Chloride content 25,000 ppm Fluid volume 3000 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

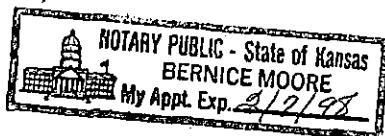
Title Geologist Date 1-10-1998

Subscribed and sworn to before me this 10th day of January, 19 98.

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 STATE Geologist Report Received
KGO Distribution
KGS SWD/Rep NGPA
 Plug Other
CONSERVATION DIVISION (Specify)
1-13-98



Operator Name American Warrior, Inc. Lease Name Schaben Well # 1

Sec. 19 Twp. 20s 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:

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Anhydrite	1448	+809
Heebner	3748	-1491
Lansing	3795	-1538
Pawnee	4241	-1984
Ft. Scott	4303	-2046
Cherokee	4330	-2073
Mississippian Osage	4387	-2130

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 Pipe	12 $\frac{1}{2}$	8 5/8	28	250.12	60/40Poz	155	2%Gel&3%CC
Production	7 7/8	5 $\frac{1}{2}$	14 & 15.5	4394	60/40Poz	100	

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	4394-4397		

TUBING RECORD Size 2 7/8 Set At 4380 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 5-10-1997 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	1.5		230		39

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 4394-4397

Other (Specify) _____



HALLIBURTON ENERGY SERVICES
HAL-1906-P

CHARGE TO: American Warrior
ADDRESS:
CITY, STATE, ZIP CODE:

CUSTOMER COPY
TICKET No. 103556 - 2
PAGE 1 OF 1
15.135.23937.0000

SERVICE LOCATIONS 1. <u>Hays, ks.</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>Shaben</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>5-31-96</u>	OWNER <u>SAME</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Discovery Drilling</u>	RIG NAME/NO. <u>Discovery Drilling #1</u>	SHIPPED VIA <u>ST S. Bazile</u>	DELIVERED TO	ORDER NO.
3.	WELL TYPE	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>01D</u>	WELL PERMIT NO.	WELL LOCATION <u>19-20-21</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS <u>CMT 8 3/8" SURFACE CSG W/ 155 SKS 40/60 2706-L 370GL.</u>					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>000-010</u>		<u>1</u>			<u>MILEAGE 53292</u>	<u>80</u>	<u>ms</u>			<u>2.85</u>	<u>228.00</u>
<u>001-010</u>		<u>1</u>			<u>pump charge</u>					<u>585.00</u>	<u>585.00</u>
<u>030-503</u>		<u>1</u>			<u>8 3/8 wood top plug</u>	<u>1 ea</u>	<u>8 3/8 in</u>			<u>95.00</u>	<u>95.00</u>

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 <input checked="" type="checkbox"/> <u>Thomas AL</u> DATE SIGNED _____ TIME SIGNED _____ <input type="checkbox"/> A.M. <input type="checkbox"/> P.M. <input type="checkbox"/> do <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		SURVEY AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE <input type="checkbox"/>		PAGE TOTAL FROM CONTINUATION PAGE(S) <u>1541 00</u> SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
	TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		
	BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?		
	TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?		
	TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		
TREE CONNECTION	WELL DEPTH	ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
	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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	<u>X Thomas AL</u>	<u>R. Berens</u>	<u>57220</u>	

JOB LOG HAL-2013-C

CUSTOMER		WELL NO.	LEASE	JOB TYPE		TICKET NO.		
American Acrop		#1	Shiloh	SURFACE		103556		
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	17:00							Called out
	20:30							On loc w pump TRK rig D142
	23:30							hole 102"
	23:50							hole cu
	24:10							air
	24:21							pull D.P.
	01:10							D.P. out rig
	01:20							STCSB
	01:35		39					Hook up to air C.
	01:45		14.5					Hook up to mix em.
								40/60 2.70 gal 3.70 gal
								Fin cut
								Fin cut shut down to
								rel plug
								st disp continue
								plug down shut in
								w/flush up

ORIGINAL

RECEIVED
STATE CORPORATION COMMISSION

JAN 13 1998

REGISTRATION DIVISION

CUSTOMER



HALLIBURTON

TICKET CONTINUATION CUSTOMER COPY

TICKET No. 103556

HALLIBURTON ENERGY SERVICES

CUSTOMER ~~XXXXXXXX~~ Ameircan Warrior WELL Shaben, #1 DATE 5-31-96 PAGE OF

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-136		1			40/60 Pozmix Standard	155				7 90	1,224 50
506-121		1			3sk Halliburton Gel@2%						n/c
509-406		1-			Calcium Chloride	4				36 75	147 00
ORIGINAL											
500-207		1			SERVICE CHARGE					1 35	220 05
500-306		1			MILEAGE CHARGE					95	249 45
					TOTAL WEIGHT						
					LOADED MILES						
					TON MILES						

SITE (OFFICE) 107 WIND-BLIND
 DATE 3 1998
 CUBIC FEET 163

No. B 339877

CONTINUATION TOTAL 1,841.00

WELL DATA

FIELD _____ SEC 17 TWP. 20 RNG. 21 COUNTY Neosho 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 250'

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>11</u>	<u>28</u>	<u>8 3/4</u>	<u>6-L</u>	<u>2500'</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>2 1/2"</u>	<u>1</u>	<u>Hausco</u>
HEAD		
PACKER		
OTHER		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-31-76</u>	DATE <u>5-31-76</u>	DATE <u>6-1-76</u>	DATE <u>6-1-76</u>
TIME <u>11:00</u>	TIME <u>06:30</u>	TIME	TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Boyers 6730</u>	<u>39604</u>	<u>HAYS, KS</u>
<u>A. Kellum 61511</u>	<u>53297</u>	<u>HAYS, KS</u>
<u>C. DeLeon 111657</u>	<u>52418</u>	<u>HAYS, KS</u>
<u>T. Kunkler</u>		

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 Cont

DESCRIPTION OF JOB Surface 5 7/8" 196

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

CUSTOMER REPRESENTATIVE X Thomas AL

HALLIBURTON OPERATOR R. Boyers COPIES REQUESTED 1

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>55</u>	<u>40/100</u>	<u>Poz</u>	<u>R</u>	<u>3% / 10L 3% / 10L</u>	<u>1.1</u>	<u>26.1</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

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 15' REASON Shut Joint

PRESLUSH: BBL.-GAL. _____ TYPE _____

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 14.6

CEMENT SLURRY: BBL.-GAL. 39.8

TOTAL VOLUME: BBL. 39.8

REMARKS

FORM 4 3 1000

Tom Boyers Ron Atch E. AD

CUSTOMER



HALLIBURTON ENERGY SERVICES

HAL-1906-P

CUSTOMER COPY

TICKET

No.

103561 - 7

ADDRESS
 800 1st St
 CITY, STATE, ZIP CODE
 Houston, Texas, TX

PAGE 1 OF 1

1. SERVICE LOCATIONS 800-117	WELL/PROJECT NO. D1	LEASE S-1-1-1-1	COUNTY/PARISH Harris	STATE TX	CITY/OFFSHORE LOCATION	DATE 1-7-96	OWNER S.A.M.
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Discover	RIG NAME/NO. Discover	SHIPPED VIA ST	DELIVERED TO LCC	ORDER NO.	
3. WELL TYPE	WELL CATEGORY	JOB PURPOSE C35	WELL PERMIT NO.	WELL LOCATION 23-28-21			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS cont 5th Long string						

PRICE REFERENCE	SECONDARY REFERENCE/ PART-NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
800-117		1			MILEAGE	120	mi			3.42	410.40
001-016		1			pump change	4397	hr			16.70	73200.00
80	855 177	1			D&R glue	1	EA			2701.50	2701.50
87	855 02543	1			Auto Bldg Assy	1	EA			60.00	60.00
40	806 6002	1			S-4 coil	4	EA			40.00	160.00
820	806 71430	1			cont. basket	2	EA			104.00	208.00
893	801 0374	1			3-w Latch down Plug/Baffle	1	EA			280.00	280.00
314-163		1			CLAFIX II	2	EA			23.00	46.00
018-315		1			Mud Flush	100	gal			65.00	6500.00

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	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)	1976 P3
	TYPE OF EQUALIZING SUB. CASING PRESSURE TUBING SIZE TUBING PRESSURE WELL DEPTH	CUSTOMER DID NOT WISH TO RESPOND <input type="checkbox"/>	SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	
	TREE CONNECTION TYPE VALVE			

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) <i>[Signature]</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER R. Berens	EMP # 57220	HALLIBURTON APPROVAL
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JOB LOG HAL-2013-C

DATE 6-1-76 PAGE 1

CUSTOMER American Well Co. WELL NO. 4 LEASE Schaban JOB TYPE 5' Long string TICKET NO. 103561

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	04:30							called out
	07:30							on loc. w/ float eq.
	08:30							TRKs on loc.
	08:40							STCSB w/ PKR shoe
								center 1-2-4-85 cutback on
								5-86
								Tool Line Port (LLA) on 86) on
								1426'
	10:47							Drop small BALL 4' from
	11:15							Hook up to rig pump to air
	11:20							Drop BALL to set PKR shoe
	11:32							air BALL on bottom w/ rig
	11:39							Hook up to TRK to set PKR shoe
	11:46							Hook back up to rig pump to air
	11:50		32					run 2.000 lbs. mix 12.000 Mod Flo
	12:04							mix 2.5 lbs cement HLC to plug
			6					Rat hole cleanup hole
	12:15	4	10					mix 2.5 lbs scavenger cement
	12:17	4	24					mix works cement track cement
	12:25							shut down to wash line out
								release plug
	12:30	7						st. drop pump 51 PKR
								recheck amt
	12:40		105					Plug down
								rel PSI drop up
								break base wash TRK up
								Job comp.

ORIGINAL

Thank you
1100000
STATE CORPORATION

JAN 13 1998

CONSERVATION DIVISION

CUSTOMER



HALLIBURTON

JOB SUMMARY

DIVISION HALLIBURTON LOCATION

Haystack

BILLED ON TICKET NO. 103561

WELL DATA

FIELD _____ SEC 17 TWP. 20 RNG. 21 COUNTY _____ STATE Pa.

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 11300'
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH 11377'

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Rows: CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

JOB DATA

Table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes dates and times for each phase.

TOOLS AND ACCESSORIES

Table with columns: TYPE AND SIZE, QTY., MAKE. Lists items like FLOAT COLLAR, GUIDE SHOE, CENTRALIZERS, etc.

PERSONNEL AND SERVICE UNITS

Table with columns: NAME, UNIT NO. & TYPE, LOCATION. Includes a large 'ORIGINAL' stamp.

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
DISPL. FLUID _____ DENSITY _____ LB/GAL. API
PROP. TYPE _____ SIZE _____ LB.
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. _____ IN
PERFPAC BALLS TYPE _____ QTY. _____
OTHER Mud Flush 500 gals

DEPARTMENT _____
DESCRIPTION OF JOB cement 5" long string

JOB DONE THRU: TUBING [] CASING [X] ANNULUS [] TBG./ANN. []

CUSTOMER REPRESENTATIVE [X] [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED 1

CEMENT DATA

Table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK., MIXED LBS./GAL.

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. 1044
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 40.5
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. 1044
ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____ CEMENT LEFT IN PIPE _____
FEET 24.64 REASON _____

JAN 15 1998 REMARKS

CUSTOMER



HALLIBURTON ENERGY SERVICES

HAL-1906-P

CUSTOMER COPY

TICKET

No.

196156 - 4

CHARGE TO:
 ADDRESS: *American Warrior*
 CITY, STATE, ZIP CODE:
Gardner, KS

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Hays KS 23325</i>	WELL/PROJECT NO. 1	LEASE <i>SCHABSI</i>	COUNTY/PARISH <i>Abbe</i>	STATE <i>Ks</i>	CITY/OFFSHORE LOCATION	DATE <i>1-8-97</i>	OWNER <i>Sams</i>
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <i>CoYoda</i>	RIG NAME/NO. <i>#2</i>	SHIPPED VIA <i>ct</i>	DELIVERED TO <i>well site</i>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY <i>02</i>	JOB PURPOSE <i>035 Top outside job</i>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

customer received invoice

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE <i>53793 RCM</i>	<i>100</i>	<i>mi</i>	<i>1</i>	<i>unit</i>	<i>2.99</i>	<i>299.00</i>
009-034	009-019	1			Pump Service	<i>1426</i>	<i>ft</i>			<i>1295.00</i>	<i>1295.00</i>
116-437		1			port collar opening tool	<i>1</i>	<i>da</i>	<i>5/2</i>	<i>line</i>	<i>3.50</i>	<i>3.50</i>

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

X *Scott Co.*
 DATE SIGNED: *1-8-97* TIME SIGNED: *1300*

AM.
 P.M.

do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	<i>1944.00</i>
FROM CONTINUATION PAGE(S)	<i>3023.00</i>
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	<i>4967.00</i>

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) <i>Scott Co.</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X Scott Co.</i>	HALLIBURTON OPERATOR/ENGINEER <i>Wayne D. Darnell</i>	EMP # <i>89377</i>	HALLIBURTON APPROVAL
---	--	--	-----------------------	----------------------



JOB LOG HAL-2013-C

DATE
1-8-97

CUSTOMER: American Waxing
WELL NO.: 1
LEASE: SCHABEN
JOB TYPE: Open Port collar
TICKET NO.: 196156

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	0600							Called out
	1200							on location w/ Equip + call 160 min con II w/ 20% cc 1/4" Fluocel 15K DISCUSS SAFETY; set up + plan job.
								ORIGINAL
	1317	2 1/2	56	✓		400		CIRCULATE OIL OUT OF ANNULUS - FL. 1500' DOWN
	1330			✓	✓	1000	1000	PSI TEST - HELD
	1345	2 1/2	20	✓		400		SPOT 2 SKS SAND @ 3750' + PULL TUBING TO 1426'
	1510	2 1/2	10	✓		500		OPEN PORT COLLAR - INT RATE - GOOD ANNULUS BLOW
	1518		0	✓		400		START MIXING CEMENT
	1543	3 1/2 ANG	91.8	✓		400		FINISH MIXING CEMENT - GOOD CAT TO PIT
	1543	2	0	✓				DISPENSE CEMENT
	1546		7 1/2	✓		450		CEMENT DISPENSED - SHUT DOWN CIRCULATED - 25 SKS TO PIT
	1548							CLOSE PORT COLLAR
	1548			✓		1000	1000	PSI TEST PORT COLLAR - HELD - RELEASE PSI RUN 4 JTS WASH-UP TRUCK
	1608	3	16	✓		200		REVERSE OUT EXCESS CEMENT @ 1350' + RUN IN TUBING TO REVERSE OUT SAND
	1730	3	40		✓	250		CIRCULATE SAND OUT OF WELL LATCH ON TO RBP SHUT DOWN - PULL TUBING OFF RBP PULL RBP IN MORNING BACK-UP
	1830							JOB COMPLETE
								THANK YOU WAYNE, DAVE, LYLE
								JAN 9 3 1998

CUSTOMER

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RING. _____ COUNTY Wyo. STATE WY

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			5 1/2	0	3800	RRP
LINER						
TUBING			2 7/8	415	1426	PORT COLLAR
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES			JOB DATA			
TYPE AND SIZE	QTY.	MAKE	CALLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
FLOAT COLLAR			1-2-77	1-8-77	1-2-77	1-2-77
FLOAT SHOE			TIME 0700	TIME 1200	TIME 1315	TIME 1830
GUIDE SHOE						
CENTRALIZERS						
BOTTOM PLUG						
TOP PLUG						
HEAD						
PACKER						
OTHER						

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

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 _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
W. Wilson	PO 39604	11211
D. Ash	PTAR 53293m	"
L. Lister	Bulk 52418	"

DEPARTMENT 11211

DESCRIPTION OF JOB port collar @ 1426'

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE **X**

HALLIBURTON OPERATOR Wings Hill COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	140	mod. cement	Port	R	spec for bleed off	2.2	11.1

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 2.3

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 71.25

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. 71.25

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

REMARKS
 STATE _____
JAN 9 3 1977

ORIGINAL

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.

Schaben No. 1
150' E of C SW NW NE
Section 19-20S-21W
Ness County, Kansas

RECEIVED
STATE CORPORATIONS COMMISSION

JAN 13 1998

CONSERVATION DIVISION
L. L. BROWN

OPERATOR: AMERICAN WARRIOR, INC.
WELL: SCHABEN No. 1
API NO.: 15-135-23937
LOCATION: 150' E OF SW NW NE, 19-20S-21W
WELLSITE: FARMGROUND
COMMENCED: MAY 31, 1996
COMPLETED: JUNE 7, 1996
ELEVATIONS: 2249' GL ; 2257' KB
TOTAL DEPTH: 4397' (DRILLER)
CASING: SURFACE: 8 5/8 @ 250/155 SKS.
 PRODUCTION: 5 1/2 @ 4394' W/ PKR. SHOE.
 /100 SKS
 PORT COLLAR @ 1426'
SAMPLES: 10 FT. FROM 3700' TO T.D.
LOGS: NONE
DRILLSTEM TESTS: NONE
CONTRACTOR: DISCOVERY DRILLING (RIG 1)

REMARKS: Geological supervision: 3700' - T.D. All tops and T. D. are 7 feet too high due to an error in Driller's measurements. All tops and T. D. are as originally noted, no correction has been made.

FORMATION TOPS	SAMPLES		ELECTRICAL LOG SUBSEA
		SUBSEA	
Anhydrite	1448	+ 809	
Heebner	3748	-1491	
Lansing	3795	-1538	
Pawnee	4241	-1984	
Ft. Scott	4303	-2046	
Cherokee	4330	-2073	
Mississippian Osage	4387	-2130	

RECEIVED
 STATE COMMISSION
 JAN 13 1998
 COMMISSION DIVISION
 OIL & GAS

SAMPLE ZONE DESCRIPTION

Driller's Measurements

LANSING-KANSAS CITY 3795 -1538

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

PAWNEE 4241 -1984

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

FT. SCOTT 4303 -2046

Limestone: gray-buff, micritic, fossiliferous, very poor interfossiliferous porosity, very slight show of free oil, fair fluorescence and cut.

CHEROKEE 4330 -2073

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

MISSISSIPPIAN OSAGE 4387 -2130

Dolomite: gray-buff, micritic, slight show of free oil, dull fluorescence and fair cut, trace of sparry dolomite, good intercrystalline porosity, good show of free oil, dull fluorescence, excellent cut, fair odor; **Chert:** white, tripolitic, trace with fair vuggy porosity, good show of free oil, dull fluorescence and good cut.

FORMATION	AMERICAN WARRIOR, INC. Schaben #1 150' E SW NW NE 19-20s-21W	MOBIL OIL CORP. #1 John Wittman B NW NE 19-20S-21W	VAUGHN DRLG. #1 Wittman SW NE 19-20S-21W
Anhydrite	+809		+810
Lansing	-1538	-1540	-1539
Ft. Scott	-2046		-2045
Mississippian Osage	-2130	-2113	-2115

SUMMARY AND RECOMMENDATIONS

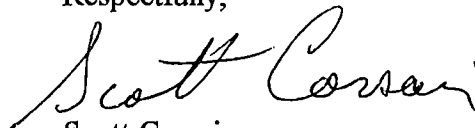
Structural position and sample examination indicate probable commercial production from the Mississippian Osage. Based upon available data 5 1/2" production casing was set.

Pipe was set 3 feet off bottom with a packer shoe set @ 4394'. The following zones are recommended for testing.

1. Mississippian Osage: 4394-4397 (open hole)
2. Ft. Scott: 4308-4318

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

Respectfully,



Scott Corsair
Petroleum Geologist

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STATE CORPORATE COMMISSION

JAN 13 1998

CONSERVATION DIVISION
L. H. HARRIS