

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4058
Name: AMERICAN WARRIOR INC.
Address: PO. BOX 399,
GARDEN CITY, KS., 67846
City/State/Zip:
Purchaser: ANR
Operator Contact Person: KEVIN WILES SR.
Phone: (620) 275-2963 **RECEIVED**
Contractor: Name: DUKE DRLG. **STATE CORPORATION COMMISSION**
License: 5929 **9R**
Wellsite Geologist: ALAN DOWNING **May 30 2001**
Designate Type of Completion: **CONSERVATION DIVISION**
WICHITA, KANSAS
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back 5515' Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
1-16-2001 1-31-2001 2-19-2001
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 033-21,181-0000
County: COMANCHE
NE SE Sec. 14 Twp. 32S S. R. 19W East West
2080' feet from (S) N (circle one) Line of Section
600' feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: LAKE Well #: 3
Field Name: UNNAMED
Producing Formation: MISS
Elevation: Ground: 2013' Kelly Bushing: 2026'
Total Depth: 5900' Plug Back Total Depth: 5515'
Amount of Surface Pipe Set and Cemented at 617' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cml.

Drilling Fluid Management Plan ALST 8/29/01 AB
(Data must be collected from the Reserve Pit)
Chloride content 16,000 ppm Fluid volume 650 bbls
Dewatering method used HAULED OFF-SITE
Location of fluid disposal if hauled offsite:
Operator Name: AMERICAN WARRIOR INC.
Lease Name: LAKE #2 License No. 4058
Quarter SW Sec. 14 Twp. 32S S. R. 19W East West
County: COMANCHE Docket No.: NA

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 of 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: _____
Title: PRODUCTION SUPT. Date: 5-23-2001
Subscribed and sworn to before me this 25th day of May
to 2001
Notary Public: Debra J. Purcell
Date Commission Expires: 11/4/03

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: 6-29-01 DPP
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
KCC

DEBRA J. PURCELL
Notary Public - State of Kansas
My Appt. Expires 11/4/03

Operator Name: AMERICAN WARRIOR INC. Lease Name: LAKE Well #: 3
 Sec. 14 Twp. 32S S. R. 19W East West County: COMANCHE

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run: CDR, DI., CAL, SOINC

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
HEEBNER	4274'	-2247
LANSING	4484'	-2438
DRUM	4665'	-2638
BKC	4917'	-2886
MARMATON	4922'	-2894
PAWNEE	5010'	-2982
FORT SCOTT	5048'	-3020
MISS	5116'	-3088
VIOLA	5800'	-3769

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
SURFACE	12-1/4"	8-5/8"	283	617'	CLASS "A"	310	3%CC, 2%GEL
PRODUCTION	7-7/8"	5-1/2"	17#	5530'		150	1/4#FLOCELE, D-AIR

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" 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	5166'-5172', 5176'-5182'	2500 GALS 20% FE ACID	617'
			5530'

TUBING RECORD Size 2-3/8" Set At 5450' Packer At _____ Liner Run Yes No

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

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

Disposition of Gas _____ METHOD OF COMPLETION _____ Production Interval _____
 Vented Solid Used on Lease Open Hole Perf. Dualy Comp. Commingled NA
 (If vented, Sumit ACO-18.) Other (Specify) _____

JOB LOG

SWIFT Services, Inc. ORIGINAL

DATE 2-1-01 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR WELL NO. 3 LEASE LAKE JOB TYPE 5 1/2" LOGSHEAR TICKET NO. 3052

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1100							ON LOCATION
	1110							START CASING
								RECEIVED STATE CORPORATION COMMISSION 5 1/2 - 17 #/FT TD 5900' TP 5518' ST 21'
								9th MAY 13 0 2001 CONSERVATION DIVISION WICHITA, KANSAS RECEIVED STATE CORPORATION COMMISSION CENTRALIZES - 2, 4, 6, 9, 11, 13, 15, 17 BASKET - 10
	1330							BREAK CIRCULATION
								CONSERVATION DIVISION WICHITA, KANSAS DROP BALL - SET PACKERSHOE - CIRCULATE
	1440							PLUG RATHOLE - MOUSEHOLE
	1445	6	5			300		WATER SPACER
		6	850 GAL			300		PUMP FLOCKER
		6	5			300		WATER SPACER
	1500	6	54.8			300		MIX CEMENT - 150 SKS W/ADDITIVES 12.7 #/GAL
	1510							WASH OUT PUMP - EDGES DROP LATCH DOWN PLUG
	1515	6 1/2	0			700		DISPLACE PLUG
	1535		127.5			1500		PLUG DOWN OIL RELEASE PSC - HELD
								WASH UP RINSE UP
	1700							JOB COMPLETE

THANK YOU

WAKE, JUST, SHAK

CONFIDENTIAL



CHARGE TO:
AMERICAN WARRIOR
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 No 3052

PAGE 1 OF 2

SERVICE LOCATIONS 1. NESS CITY, KS	WELL/PROJECT NO. 3	LEASE LAKE	COUNTY/PARISH COMANCHEE	STATE KS	CITY	DATE 2-1-01	OWNER SAME
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR DUKE DRILLING #4	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO LOCATION	ORDER NO.	
3.	WELL TYPE GAS	WELL CATEGORY DEVELOPMENT	JOB PURPOSE 5 1/2" LONGSPEAK	WELL PERMIT NO.	WELL LOCATION COLUMBIA - 1w 1s, E.S.		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 104	70		MI		2.50	175.00
578		1			PUMP SERVICE	1		JOB	5518 FT	1200.00	1200.00
280		1			FLOCHER	850		GAL		1.50	1275.00
406		1			LATCH DOWN PLUG - BAFFLE	1		EA	5 1/2"	200.00	200.00
405		1			PACKER SHOE	1		EA		1250.00	1250.00
403		1			CEMENT BASKET	1		EA		110.00	110.00
402		1			CENTRALIZERS	8		EA		40.00	320.00

RECEIVED
 STATE CORPORATION COMMISSION
 MAY 30 2001
 CONSERVATION DIVISION
 OIL & GAS

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 *[Signature]*
 DATE SIGNED **2-1-01** TIME SIGNED **1400** A.M. P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	4530.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?				TAX	3915.50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	8764.70
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

ORIGINAL
 4530.00
 3915.50
 319.20

ALLIED CEMENTING CO., INC. 5177

Federal Tax I.D.# 48-0727860

P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL SERVICE POINT: Medicine Lodge

DATE <u>1-18-01</u>	SEC. <u>14</u>	TWP. <u>32s</u>	RANGE <u>19w</u>	CALLED OUT <u>11:00 Am</u>	ON LOCATION <u>12:00 pm</u>	JOB START <u>7:40 pm</u>	JOB FINISH <u>8:05 pm</u>
WELL # <u>3</u>		LOCATION <u>Coldwater Lake N/S</u>		COUNTY <u>Comanche</u>	STATE <u>KS.</u>		

CONTRACTOR Duke #7
 TYPE OF JOB 3 3/8 conductor
 HOLE SIZE 17 1/2 T.D. 305
 CASING SIZE 13 3/8 DEPTH 235
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 250 MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 34 Bbls

OWNER American Warrior
 CEMENT
 AMOUNT ORDERED
150 sx 65:35:6+3%cc + 1/4 Flo-seal
100 sx class A+3%cc + 2%gel
 COMMON 100 @ 6.35 635.00
 POZMIX _____ @ _____
 GEL 2 @ 9.50 19.00
 CHLORIDE 8 @ 28.00 224.00
AWW 150 @ 6.00 900.00
Flo-Seal 38# @ 1.15 43.70
 HANDLING 268 @ 1.05 281.40
 MILEAGE 268 x 42 @ .04 450.24
 STATE CORPORATION COMMISSION
 May 30 2001
 TOTAL 2553.34

EQUIPMENT
 PUMP TRUCK CEMENTER Carl Balding
 # 352 HELPER Steve Winsor
 BULK TRUCK
 # _____ DRIVER Scott Spriggs
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Rye on bottom Break circulation
 pump 3 Bbls Freshwater
150 sx 65:35:6+3%cc + 1/4 Flo-seal
100 sx class A+3%cc + 2%gel
 Release plug
 Displace with 3 Bbls Freshwater
 + Shut in, cement did circulate

CONSERVATION DIVISION SERVICE
WICHITA, KANSAS

DEPTH OF JOB 235'
 PUMP TRUCK CHARGE 470.00
 EXTRA FOOTAGE @ _____
 MILEAGE 42 @ 3.00 126.00
 PLUG wooden 13 3/8" @ 70.00 70.00
 TOTAL 666.00

CHARGE TO: American Warrior
 STREET P.O. Box 399
 CITY GARDEN CITY STATE KANSAS ZIP 67846

FLOAT EQUIPMENT

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE 3219.34
 DISCOUNT 321.94 IF PAID IN 30 DAYS
2897.40
 KENNETH MCGUIRE
 PRINTED NAME

SIGNATURE Kenneth McGuire

ALLIED CEMENTING CO., INC.

5178

Federal Tax I.D.# 48-0727860

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine Lodge Ks.

ORIGINAL

DATE <u>1-19-2001</u>	SEC. <u>14</u>	TWP. <u>32s</u>	RANGE <u>19w</u>	CALLED OUT <u>8:30 Am</u>	ON LOCATION <u>11:00 Am</u>	JOB START <u>2:41 pm</u>	JOB FINISH <u>3:10 pm</u>
LEASE <u>Lake</u>	WELL# <u>3</u>	LOCATION <u>Coldwater Lake North End</u>		COUNTY <u>Comanche</u>	STATE <u>Kansas</u>		
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)			<u>5/into</u>				

CONTRACTOR <u>Duke Rig #7</u>	OWNER <u>American Warrior</u>																																																																				
TYPE OF JOB <u>Surface</u>																																																																					
HOLE SIZE <u>12 1/4</u>	T.D. <u>619</u>																																																																				
CASING SIZE <u>8 3/8 x 28"</u>	DEPTH <u>617</u>																																																																				
TUBING SIZE	DEPTH																																																																				
DRILL PIPE	DEPTH																																																																				
TOOL	DEPTH																																																																				
PRES. MAX <u>300</u>	MINIMUM <u>-</u>																																																																				
MEAS. LINE	SHOE JOINT <u>36.24</u>																																																																				
CEMENT LEFT IN CSG.																																																																					
PERFS.																																																																					
DISPLACEMENT <u>BBls Freshwater</u>																																																																					
EQUIPMENT																																																																					
PUMP TRUCK # <u>352</u>	CEMENTER <u>CARL Balding</u>																																																																				
	HELPER <u>Shane Winsor</u>																																																																				
BULK TRUCK # <u>353</u>	DRIVER <u>Mike Rucker</u>																																																																				
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REMARKS:

Run 617' 8 3/8 casing, + Break circulation.
Rig up to cement line, pump 3 BBls Fresh water spacer. pump 150 sx 65:35:6+3/cc + 1/4 Flo + pump 100 sx CLASS A+3/cc + 2/gel.
Cement in. stop pumps, switch valves, Release plug.
Displace with 36 BBls Freshwater. Bump plug + shut in. Top off with 60 sx A 3+2

CONSERVATION DIVISION SERVICE
WICHITA, KANSAS

DEPTH OF JOB <u>617</u>		
PUMP TRUCK CHARGE <u>0-300'</u>		<u>470.00</u>
EXTRA FOOTAGE <u>317'</u>	@ <u>.43</u>	<u>136.31</u>
MILEAGE <u>42</u>	@ <u>3.00</u>	<u>M/C</u>
PLUG <u>Rubber 8 5/8"</u>	@ <u>90.00</u>	<u>90.00</u>
	@	
	@	
TOTAL <u>696.31</u>		

CHARGE TO: American Warrior
STREET P.O. Box 399
CITY GARDEN CITY STATE KANSAS ZIP 67846

FLOAT EQUIPMENT:

<u>1- Baffle plate</u>	@ <u>45.00</u>	<u>45.00</u>
<u>1- Basket</u>	@ <u>180.00</u>	<u>180.00</u>
	@	
	@	
	@	
TOTAL <u>225.00</u>		

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX		
TOTAL CHARGE	<u>4123.87</u>	
DISCOUNT	<u>412.39</u>	IF PAID IN 30 DAYS
	<u>3711.48</u>	

SIGNATURE Kenneth McGuire KENNETH M'Guire
PRINTED NAME

ALLIED CEMENTING CO., INC. 5177

Federal Tax I.D.# 48-0727860

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

ORIGINAL

Medicine Lodge

18-01	SEC. 14	TWP. 32s	RANGE 19w	CALLED OUT 11:00 Am	ON LOCATION 12:00 pm	JOB START 7:40 pm	JOB FINISH 8:05 pm
Lake	WELL# 3	LOCATION Coldwater Lake N/S		COUNTY Comanche	STATE KS		

OLD OR NEW (Circle one)

CONTRACTOR Duke #7 OWNER American Warrior

TYPE OF JOB 1 3/8 conductor

HOLE SIZE 17 1/2 T.D. 305 CEMENT

CASING SIZE 13 3/8 DEPTH 235 AMOUNT ORDERED

TUBING SIZE DEPTH 150 sx 65:35:6+3%cc + 1/4 Flo-seal

DRILL PIPE DEPTH 100 sx CLASS A+3%cc + 2%gel

TOOL DEPTH

PRES. MAX 250 MINIMUM — COMMON 100 @ 6.35 635.00

MEAS. LINE SHOE JOINT POZMIX @

CEMENT LEFT IN CSG. 15 GEL 2 @ 9.50 19.00

PERFS. CHLORIDE 8 @ 28.00 224.00

DISPLACEMENT 34 Bbls AWW 150 @ 6.00 900.00

EQUIPMENT Flo-Seal 38# @ 1.15 43.70

PUMP TRUCK CEMENTER Carl Balding

352 HELPER Stane Winsor HANDLING 268 @ 1.05 281.40

BULK TRUCK # DRIVER Scott Spriggs MILEAGE 268 x 42 @ .04 450.24

BULK TRUCK # DRIVER RECEIVED STATE CORPORATION COMMISSION

TOTAL 2553.34

May 3 0 2001

REMARKS:

CONSERVATION DIVISION
WICHITA, KANSAS

SERVICE

pipe on bottom Break circulation DEPTH OF JOB 235'

run 3 Bbls freshwater PUMP TRUCK CHARGE 470.00

150 sx 65:35:6+3%cc + 1/4 Flo-seal EXTRA FOOTAGE @

100 sx CLASS A+3%cc + 2%gel MILEAGE 42 @ 3.00 126.00

Release plug PLUG wooden 13 3/8" @ 70.00 70.00

Displace with 3 Bbls freshwater + shut in, cement did circulate

TOTAL 666.00

CHARGE TO: American Warrior

STREET P.O. Box 399

CITY GARDEN CITY STATE KANSAS ZIP 67846

FLOAT EQUIPMENT

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX

TOTAL CHARGE 3219.34

DISCOUNT 321.94 IF PAID IN 30 DAYS

2897.40

SIGNATURE Kenneth McGuire

KENNETH MCGUIRE

PRINTED NAME



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P.O. Box 399

Garrettsville, OH 43030
STATE CORPORATION COMMISSION

ORIGINAL RECEIVED
SA
MAY 30 2001

ATTN: Al Downing

CONSERVATION DIVISION
14-32s-19w Comanche AS

Lake #3

Start Date: 2001.01.28 @ 13:23:00

End Date: 2001.01.28 @ 22:50:00

Job Ticket #: 13640 DST #: 1

Trilobite Testing Inc.

Box 362 Hays KS 67601

785.625.4778 trilobite@eaglecom.net



DRILL STEM TEST REPORT

American Warrior Inc
 P.O.Box 399
 Garden City, KS 67846
 ATTN: Al Downing

Lake #3
 14-32s-19w Comanche
 Job Ticket: 13640 DST#: 1
 Test Start: 2001.01.28 @ 13:23:00

GENERAL INFORMATION:

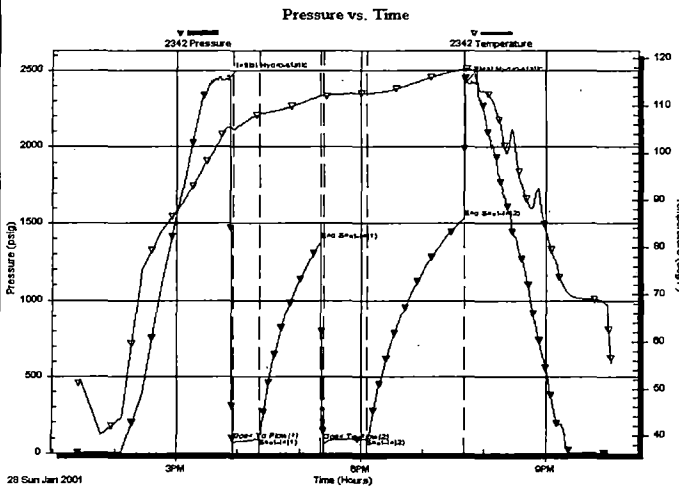
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:55:05
 Time Test Ended: 22:50:00
 Interval: **5090.00 ft (KB) To 5208.00 ft (KB) (TVD)**
 Total Depth: 5208.00 ft (KB)
 Hole Diameter: 7.88 inches
 Hole Condition: Poor

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 STATE CORPORATION COMMISSION
 SA
 MAY 30 2001
 CONSERVATION DIVISION
 WICHITA, KANSAS

Test Type: Conventional Bottom Hole
 Tester: Gary Fevotaux
 Unit No: 13
 Reference Elevations: 2026.00 ft (KB)
 2013.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: **2342** Inside
 Press@RunDepth: 90.72 psig @ 5108.01 ft (KB)
 Start Date: 2001.01.28 End Date: 2001.01.28
 Start Time: 13:23:36 End Time: 22:04:35
 Capacity: 7000.00 psig
 Last Calib.: 2001.01.05
 Time On Btm: 2001.01.28 @ 15:51:05
 Time Off Btm: 2001.01.28 @ 19:43:05

TEST COMMENT: IF: Strong blow . GTS in 6 mins. (see gas volume report)
 IS: No blow .
 FF: Strong blow . (see gas volume report)
 FS: No blow .



PRESSURE SUMMARY

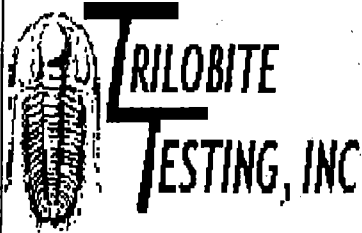
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
148	2457.48	105.39	Initial Hydro-static
152	78.46	105.01	Open To Flow (1)
178	94.16	108.16	Shut-in(1)
238	1382.20	112.09	End Shut-in(1)
240	74.60	112.07	Open To Flow (2)
283	90.72	112.59	Shut-in(2)
377	1528.40	117.80	End Shut-in(2)
380	2427.86	117.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Gas in all fluid free pipe.	0.00
150.00	Drig. mud.	0.74

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	2.50	116.15
Last Gas Rate	0.25	14.00	45.90
Max. Gas Rate	0.25	14.00	45.90



DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
 P.O.Box 399
 Garden City, KS 67846
 ATTN: Al Downing

Lake #3
 14-32s-19w Comanche
 Job Ticket: 13640 DST#: 1
 Test Start: 2001.01.28 @ 13:23:00

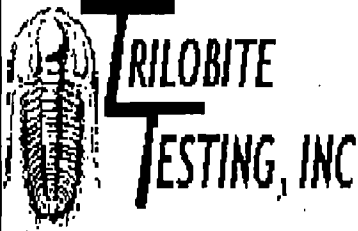
Tool Information

Drill Pipe:	Length: 4727.00 ft	Diameter: 3.80 inches	Volume: 66.31 bbl	Tool Weight: 2100.00 lb
Drill Collar:	Length: 360.00 ft	Diameter: 2.25 inches	Volume: 1.77 bbl	Weight set on Packer: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 105000.0 lb
Drill Pipe Above KB:	24.00 ft			Tool Chased 2.00 ft
Depth to Top Packer:	5085.00 ft			String Weight: Initial 81000.00 lb
Depth to Bottom Packer:	ft			Final 81000.00 lb
Interval between Packers:	ft			
Tool Length:	145.01 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5064.00	
S.I. Tool	5.00			5069.00	
HMV	5.00			5074.00	
Jars	5.00			5079.00	
Safety Joint	2.00			5081.00	
Packer	4.00			5085.00	22.00 Bottom Of Top Packer
Packer	5.00			5090.00	
Stubb	1.00			5091.00	
Perforations	16.00			5107.00	
C.O. Sub	1.00			5108.00	
Recorder	0.01	2342	Inside	5108.01	
Blank Spacing	94.00			5202.01	
C.O. Sub	1.00			5203.01	
Recorder	0.00		Outside	5203.01	
Bullnose	5.00			5208.01	123.01 Bottom Packers & Anchor

Total Tool Length: 145.01



DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
P.O.Box 399
Garden City, KS 67846
ATTN: Al Downing

Lake #3
14-32s-19w Comanche
Job Ticket: 13640 DST#: 1
Test Start: 2001.01.28 @ 13:23:00

Mud and Cushion Information

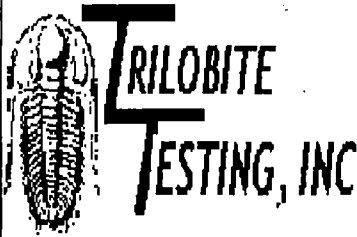
Mud Type: Gel Chem	Cushion Type:	Oil API: -999999 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 6000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.98	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6000.00 ppm		
Filter Cake: 0.20 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	Gas in all fluid free pipe.	0.000
150.00	Orig. mud.	0.738

Total Length: 150.00 ft Total Volume: 0.740 bbl
Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #: 2342
Laboratory Name: Caraway Laboratory Location: Liberal KS
Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

American Warrior Inc
P.O.Box 399
Garden City, KS 67846
ATTN: Al Dow ning

Lake #3
14-32s-19w Comanche
Job Ticket: 13640 DST#:1
Test Start: 2001.01.28 @ 13:23:00

Gas Rates Information

Temperature: 40 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (kPaa)	Gas Rate (Mcf/d)
1	10	0.50	2.50	116.15
1	10	0.50	2.50	116.15
1	10	0.50	2.50	116.15
1	20	0.25	6.00	32.97
1	30	0.25	8.00	36.20
2	10	0.50	13.00	188.32
2	20	0.25	14.00	45.90

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 20010529 Analyzed: 02/01/01

Sample From: Lake #3 DST 1 Pressure:
Producer: American Warrior, Inc. Temperature:

Date: Location: 24-32-19

Time: County: Comanche
Sampler: State: Kansas
Source: Formation: Miss

	Mole %	GPM
Helium	He: 0.081	0.000
Hydrogen	H2: 0.010	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 1.144	0.000
Carbon Dioxide	CO2: 0.063	0.000
Methane	C1: 93.816	0.000
Ethane	C2: 2.788	0.746
Propane	C3: 0.971	0.268
Iso Butane	iC4: 0.155	0.051
Normal Butane	nC4: 0.317	0.100
Iso Pentane	iC5: 0.115	0.042
Normal Pentane	nC5: 0.125	0.045
Hexanes Plus	C6+: 0.415	0.181

TOTAL: 100.000 1.432

Z Fact: 0.9977

SP.GR.: 0.6060

BTU (SAT): 1053.8 @ 14.73 psia

BTU (DRY): 1072.5 @ 14.73 psia

OCTANE RATING: 126.4

COMMENTS:

0.000

