Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1209190

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058
Name: American Warrior, Inc.
Address 1: 3118 CUMMINGS RD
Address 2: PO BOX 399
City: GARDEN CITY State: KS Zip: 67846 + __ __ __ __
Contact Person: Kevin Wiles SR
Phone: (620) 275-2963
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: Frank Mize
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☑ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., 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 ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

09/03/2010	09/08/2010	09/08/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-077-21698-00-00
Spot Description:
NE - SW - SW - NW Sec. 24 Twp. 33 S. R. 8 ☐ East ☑ West
2035 Feet from ☑ North / ☐ South Line of Section
341 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Harper
Lease Name: Pollock Well #: 1-24
Field Name:
Producing Formation: none
Elevation: Ground: 1384 Kelly Bushing: 1395
Total Vertical Depth: 4652 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 337 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 cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 12000 ppm Fluid volume: 450 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

☐ **Confidentiality Requested**
Date:
☐ **Confidential Release Date:**
☐ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Deanna Garrison **Date:** 06/09/2014

1209190

Operator Name: American Warrior, Inc. Lease Name: Pollock Well #: 1-24

Sec. 24 Twp. 33 S. R. 8 ☐ East ☑ West County: Harper

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☑ Sample

Name	Top	Datum
Heebner	3457	-2062
Kansas City	4036	-2641
BKC	4260	-2865
Marmaton	4298	-2903
FR. Scott	4451	-3056
Cherokee	4457	-3062
MISS	4607	-3213

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	12.25	8.625	23	337	Class A	225	3%cc/2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 09/08/2010

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☑ Other *(Explain)* D&A

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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

620-225-5067

ALLIED CEMENTING CO., LLC. 041391

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: ML

DATE 9-4-2010	SEC. 24	TWP. 33	RANGE 8	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 8:00 pm
LEASE Pollock	WELL # 2-24	LOCATION Anthony KS. 6 W, 2 N/S				COUNTY Harper	STATE KS

OLD OR (NEW) (Circle one)

CONTRACTOR VAL #5

OWNER American Warrior

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 253'

CASING SIZE 8 5/8 DEPTH 337'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 300 MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 20 Bbls Fresh

CEMENT

AMOUNT ORDERED 225 sx 60:40:3+2

COMMON A	135 sx	@ 15.45	2085.75
POZMIX	90 sx	@ 8.00	720.00
GEL	4 sx	@ 20.80	83.20
CHLORIDE	7 sx	@ 58.20	407.40
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	236	@ 2.40	566.40
MILEAGE	236/.10/35		826.00
		TOTAL	4688.75

EQUIPMENT

PUMP TRUCK CEMENTER Carl Balding
#471-302 HELPER Ron Gilley
BULK TRUCK
#381-290 DRIVER Steven Miller
BULK TRUCK
DRIVER

REMARKS:

Run 337 8 5/8 casing
Circulate on Bottom, hook up
Mix 225 sx 60:40:2+3
Release plug
Displace with 20 Bbls water
Leave 20' cement in pipe
+ Shut in

SERVICE

DEPTH OF JOB 337'			
PUMP TRUCK CHARGE	1018.00		
EXTRA FOOTAGE	37	@ .85	31.45
MILEAGE	35	@ 7.00	245.00
MANIFOLD		@	
		@	
		@	
		TOTAL	1294.45

CHARGE TO: American Warrior

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

1 Wooden plug	@	68.00
	@	
	@	
	@	
	@	
	TOTAL	68.00

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

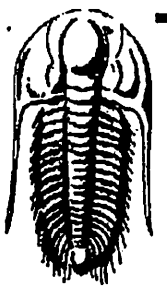
SALES TAX (If Any)

TOTAL CHARGES [redacted]

PRINTED NAME

DISCOUNT [redacted] IF PAID IN 30 DAYS

SIGNATURE Jim Stevenson



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

P.O.Box 399
Garden City, Kansas 67846

ATTN: Frank Mize

28-31s-9w Harper,Ks

Pollock #1-24

Start Date: 2010.09.08 @ 10:07:41
End Date: 2010.09.08 @ 16:32:11
Job Ticket #: 36948 DST #: 1

ORIGINAL

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

American Warrior, Inc

P.O.Box 399
Garden City, Kansas 67846

ATTN: Frank Mize

Pollock #1-24

28-31s-9w Harper,Ks

Job Ticket: 36948 **DST#: 1**

Test Start: 2010.09.08 @ 10:07:41

GENERAL INFORMATION:

Formation: **Mississppi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:19:41
Time Test Ended: 16:32:11

Test Type: Conventional Bottom Hole
Tester: Jerry Adams
Unit No: 45

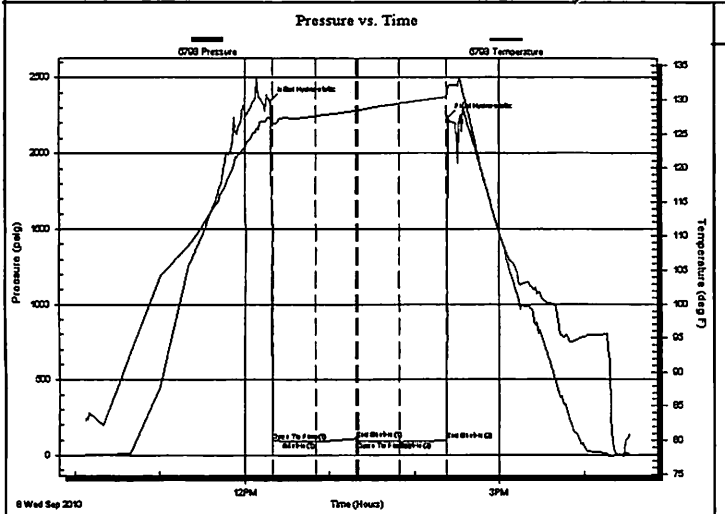
Interval: 4611.00 ft (KB) To 4652.00 ft (KB) (TVD)
Total Depth: 4652.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1405.00 ft (KB)
1395.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6798 **Inside**
Press@RunDepth: 88.28 psig @ 4612.00 ft (KB)
Start Date: 2010.09.08 End Date: 2010.09.08
Start Time: 10:07:42 End Time: 16:32:11

Capacity: 8000.00 psig
Last Calib.: 2010.09.08
Time On Btm: 2010.09.08 @ 12:18:11
Time Off Btm: 2010.09.08 @ 14:23:41

TEST COMMENT: IF:Weak 1/4" blow . Dead in 21 mins.
ISI:No blow .
FF:No blow .
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2346.82	127.02	Initial Hydro-static
2	94.30	126.26	Open To Flow (1)
32	93.32	127.55	Shut-In(1)
61	106.56	128.41	End Shut-In(1)
62	90.28	128.44	Open To Flow (2)
92	88.28	129.45	Shut-In(2)
125	97.13	130.39	End Shut-In(2)
126	2238.42	132.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Drilling Mud 100%m	1.68

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc

P.O.Box 399
Garden City, Kansas 67846

ATTN: Frank Mize

Pollock #1-24

28-31s-9w Harper,Ks

Job Ticket: 36948 **DST#: 1**

Test Start: 2010.09.08 @ 10:07:41

Tool Information

Drill Pipe:	Length:	4613.00 ft	Diameter:	3.80 inches	Volume:	64.71 bbl	Tool Weight:		2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		90000.00 lb
					Total Volume:	64.71 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		30.00 ft					String Weight:	Initial	70000.00 lb
Depth to Top Packer:		4611.00 ft						Final	70000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		41.00 ft							
Tool Length:		69.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:
Hit bridge 25 stds off bottom. Tool opened momentarily.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4588.00		
Hydraulic tool	5.00			4593.00		
Jars	5.00			4598.00		
Safety Joint	3.00			4601.00		
Packer	5.00			4606.00	28.00	Bottom Of Top Packer
Packer	5.00			4611.00		
Stubb	1.00			4612.00		
Recorder	0.00	6798	Inside	4612.00		
Recorder	0.00	8367	Outside	4612.00		
Perforations	37.00			4649.00		
Bullnose	3.00			4652.00	41.00	Bottom Packers & Anchor
Total Tool Length:	**69.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc

P.O.Box 399
Garden City, Kansas 67846

ATTN: Frank Mize

Pollock #1-24

28-31s-9w Harper,Ks

Job Ticket: 36948 **DST#: 1**

Test Start: 2010.09.08 @ 10:07:41

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	12.38 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	10000.00 ppm				
Filter Cake:	0.21 inches				

Recovery Information

Recovery Table

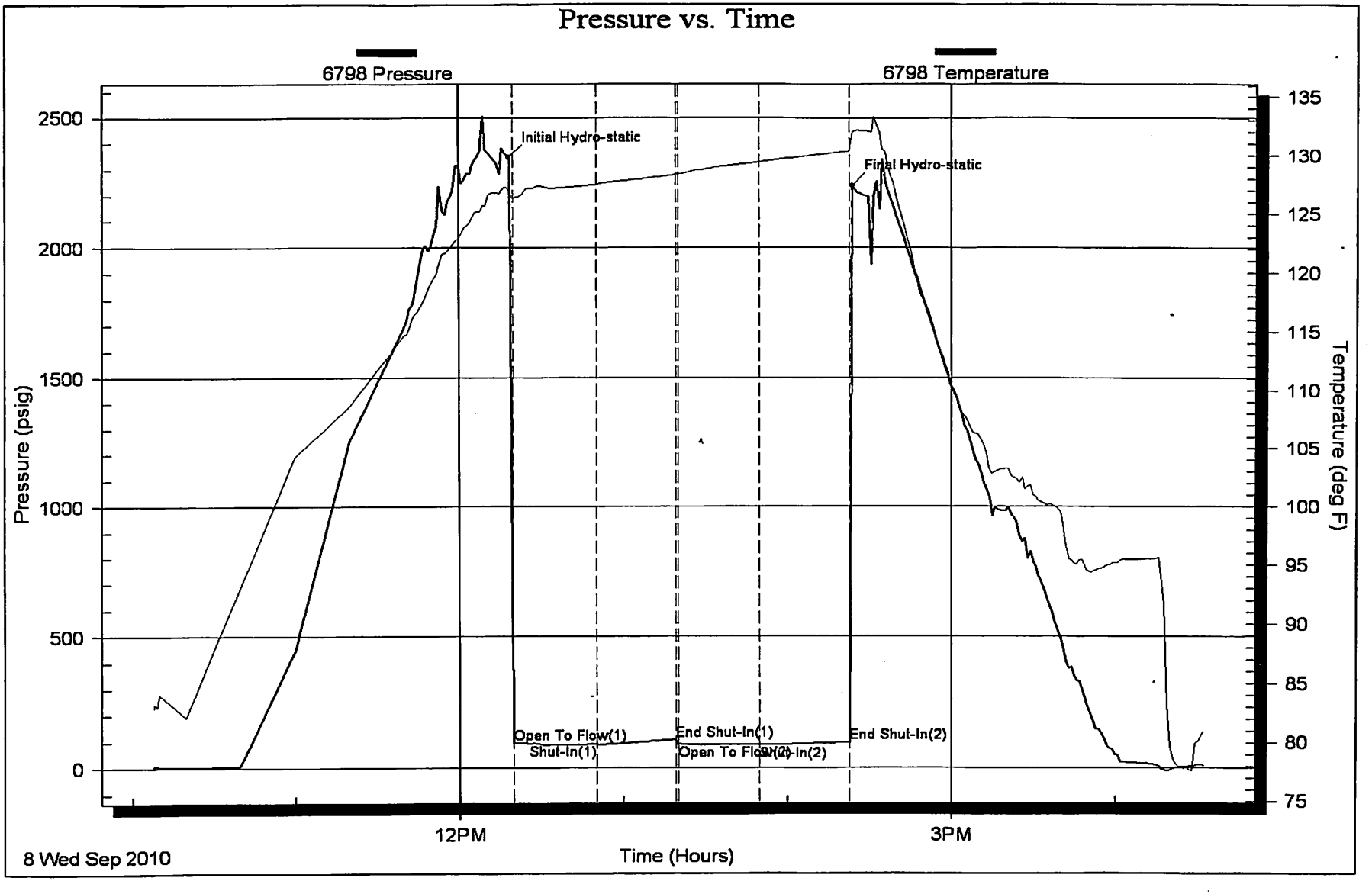
Length ft	Description	Volume bbl
120.00	Drilling Mud 100%m	1.683

Total Length: 120.00 ft Total Volume: 1.683 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6798 Pressure
6798 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
End Shut-In(2)
Pressure (psig)
Temperature (deg F)
Time (Hours)
12PM
3PM
8 Wed Sep 2010

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

10/08

RECEIVED
SEP 16 2010
BY:

Test Ticket

No. 36948

Well Name & No. Pollock #1-24 Test No. 1 Date 9-8-10

Company American Warrior Elevation 1405 KB 1395 GL

Address P.O. Box 399 Garden City, Kansas 67846

Co. Rep / Geo. Frank Mize Rig Val #5

Location: Sec. 28 Twp. 31S Rge. 9w Co. Harper State Ks.

Interval Tested 4611-4652 Zone Tested Mississippi

Anchor Length 41 Drill Pipe Run 4613 Mud Wt. 9.3

Top Packer Depth 4606 Drill Collars Run 0 Vis 48

Bottom Packer Depth 4611 Wt. Pipe Run 0 WL 12.4

Total Depth 4652 Chlorides 10,000 ppm System LCM 0

Blow Description IF: Weak 1/4" blow. Dead in 21 mins.

ISI: No blow.

FF: No blow.

FSI: No blow.

Rec 120	Feet of Drilling Mud	%gas	%oil	%water	100	%mud
Rec	Feet of	%gas	%oil	%water		%mud
Rec	Feet of	%gas	%oil	%water		%mud
Rec	Feet of	%gas	%oil	%water		%mud
Rec	Feet of	%gas	%oil	%water		%mud

Rec Total 120 BHT 130 Gravity N/A API RW N/A @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2347

(B) First Initial Flow 94

(C) First Final Flow 93

(D) Initial Shut-In 107

(E) Second Initial Flow 90

(F) Second Final Flow 88

(G) Final Shut-In 97

(H) Final Hydrostatic 2238

Initial Open 30

Initial Shut-In 30

Final Flow 30

Final Shut-In 30

- ☑ Test 1225
- ☑ Jars 250
- ☑ Safety Joint 75
- ☐ Circ Sub
- ☐ Hourly Standby
- ☑ Mileage 130 R.T. 162.50
- ☐ Sampler
- ☐ Straddle
- ☐ Shale Packer
- ☐ Extra Packer
- ☐ Extra Recorder
- ☐ Day Standby
- ☐ Accessibility

Sub Total 1712.50

T-On Location 0830

T-Started 1007

T-Open 1219

T-Pulled 1423

T-Out 1632

Comments Hit bridge 25 stds off bottom. Tool opened momentarily.

- ☐ Ruined Shale Packer
- ☑ Ruined Packer 260
- ☐ Extra Copies

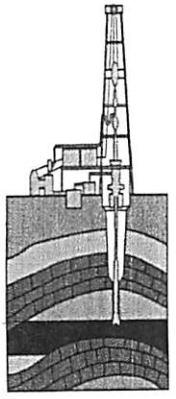
Sub Total 260

Total 1972.50

Thank You.

Approved By Frank Mize

Our Representative Jerry Adams



American Warrior, Inc.

FRANK S. MIZE LICENSED 365 KANSAS GEOLOGIST

GEOLOGICAL REPORT
DRILLING TIME & SAMPLE LOG

COMPANY American Warrior, Inc.
LEASE Pollock #1-24
FIELD Wildcat
LOCATION 2,035' FNL & 341' FWL
SEC 24 TWSP 33S RGE 8W
COUNTY Harper STATE KS

CONTRACTOR Val Drilling, Rig #5
SPUD 9-3-10 COMP 9-8-10
SAMPLES SAVED FROM 3200' TO RTD
REPORT PREPARED BY FRANK S. MIZE/GEOLOGIST

ELEVATION
K.B. 1395
G.L. 1384

DEPTH MEASURED FROM KB
Log _____ Drilling ✓

CASING
Conductor NONE
Surface 8 5/8" @ 350'
Production NONE

Electric Logs
NONE

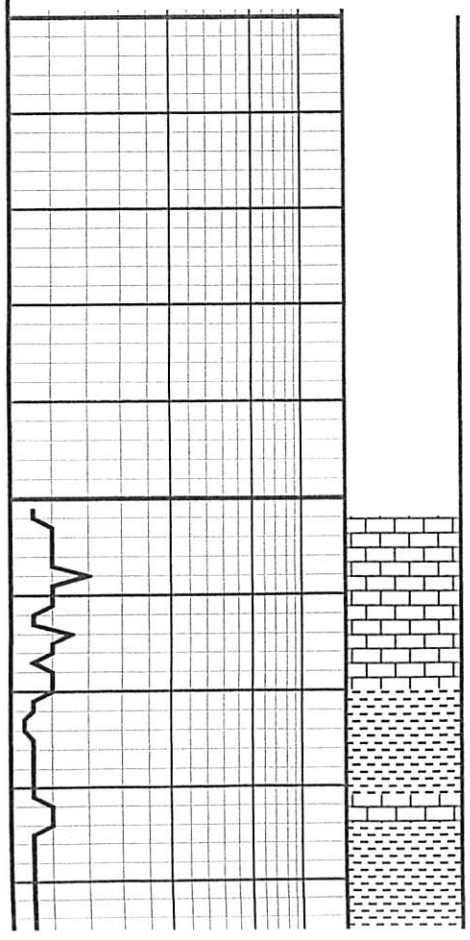
FORMATION	SAMPLE	E LOG	DATUM	A. ELOG	B. ELOG	C. DT/SMP
Heebner	3457		-2062	-2054	-2048	
Stalnaker	3816		-2421	-2425	-2396	
Kansas City	4036		-2641	-2631	-2629	-2552
Stark	4179		-2784	-2776	-2771	-2700
Swope	4203		-2808	-2799	-2796	-2720
Hertha	4229		-2834	-2826	-2822	-2747
BKC	4260		-2865	-2855	-2851	-2780
Marmaton	4298		-2903	-2895	-2894	-2819
Fort Scott	4451		-3056	-3043	-3042	-2966
Cherokee	4457		-3062	-3050	-3048	-2975
Mississippian	4607		-3213	-3203	-3201	-3137
RTD	4652		-3257			

REFERENCE WELLS

A. C SW SW 24-33S-8W Anadarko Prod, Law 'A' #1
B. C NE SW 24-33S-8W McCoy, Dalrymple 'D' #1
C. SE SE 23-33S-8W Pintail Pet, Reynolds-Engle #1-23

Due to the low structural position of this well at the top of the Mississippian, and the negative results of DST #1, it was recommended that this well be plugged and abandoned.

Frank S. Mize, Geologist #365



3200

3250

Limestone: gray to brown, medium crystalline, dense, no visible porosity, no show

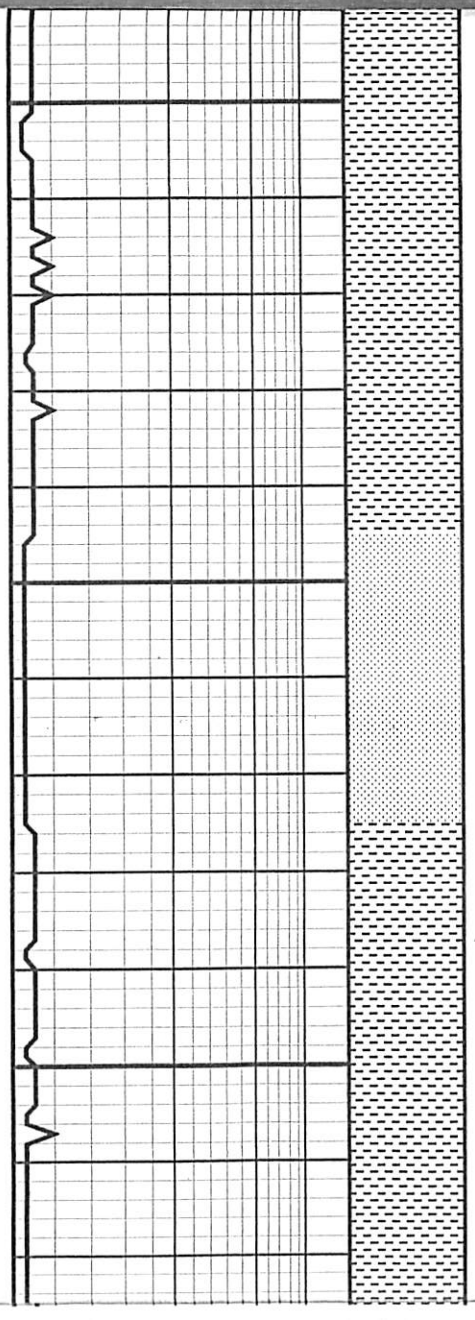
Limestone: gray to brown, medium crystalline, dense, no visible porosity, no show

Shale: gray to black

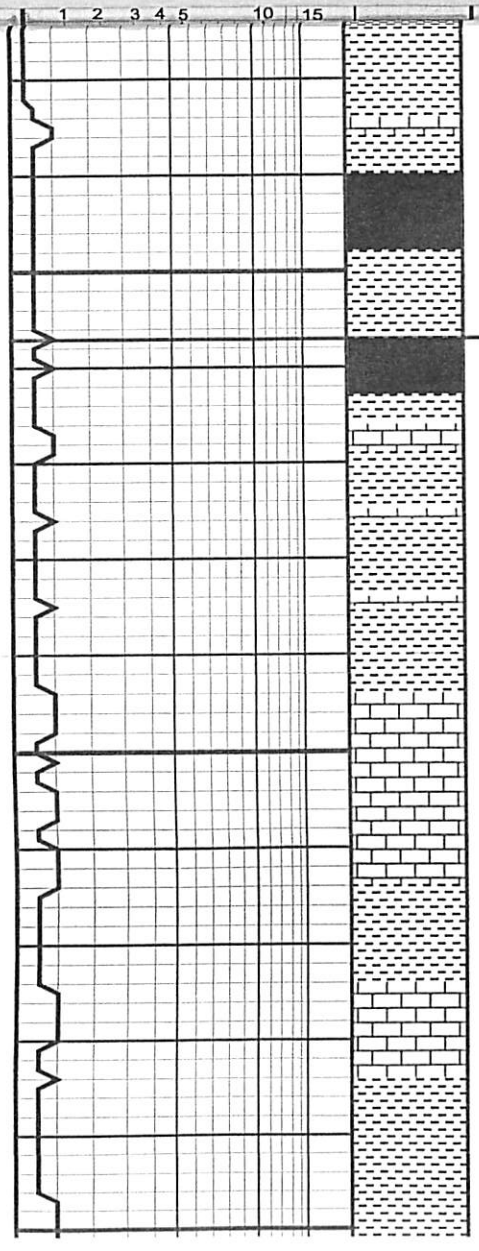
Limestone: off white, fine grained/micritic, dense, no visible porosity, no show

Shale: gray to light brown

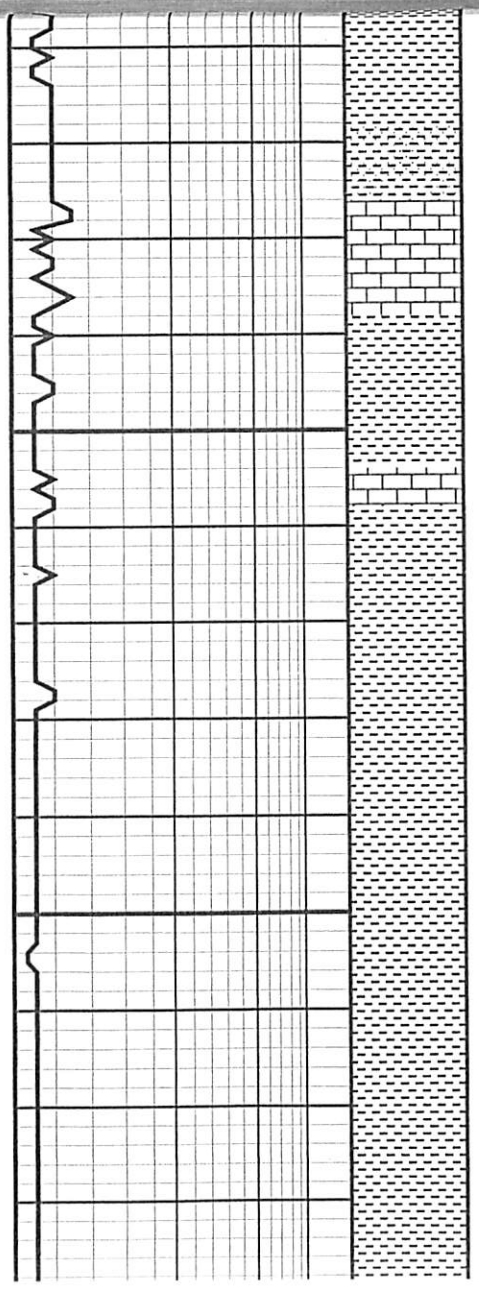
SHALE
SANDSTONE
LIMESTONE
DOLOMITE
HALITE
ANHYDRITE/GYPSUM



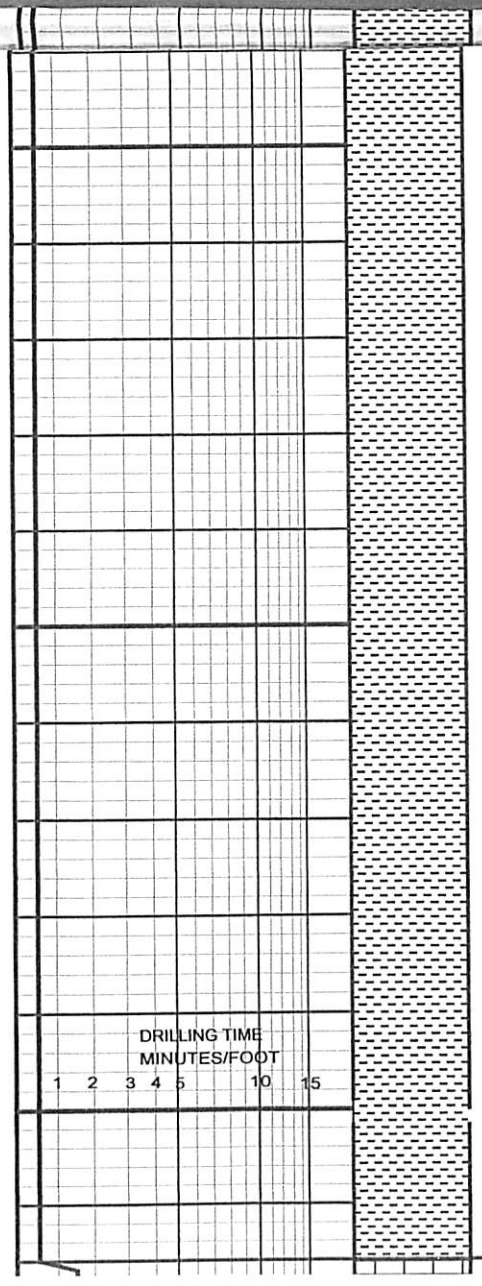
3300	Shale: gray to light brown
	Shale: dark gray
	Shale: dark gray
	Shale: dark gray
3350	Sandstone: gray, fine grained, well sorted, poor to fair cement, rounded, good intergranular porosity, no show
	Sandstone: gray, fine grained, well sorted, poor to fair cement, rounded, good intergranular porosity, no show
	Shale: dark gray, some silty
3400	Shale: dark gray



	Shale: dark gray to gray	
3450		Heebner 3457 -2062
	Shale: black, fissle	
	Limestone: dirty beige to light brown, medium crystalline, argillaceous, no visible porosity, no show	
	Shale: gray to black	
	Shale: gray	
3500		
	Limestone: off white, highly chalky to light brown, argillaceous, no visible porosity, no show	
	Shale: gray to black	
	Limestone: off white to light brown, medium crystalline, dense, fair intercrystalline porosity, no show, trace milky dark gray chert	
	Limestone: beige to gray, medium crystalline, fair intercrystalline porosity, no show	
	Shale: gray to black	
3550		



	Shale: gray to dark gray, calcareous
	Shale: gray
	Siltstone: light brown, very fine grained
	Limestone: light brown to beige, medium crystalline, dense, some argillaceous, no show
	Shale: gray
3600	
	Limestone: light brown to beige, medium crystalline, dense, some argillaceous, no show
	Shale: gray
	Shale: gray
3650	
	Shale: gray



3700

Shale: gray

Shale: gray to light brown

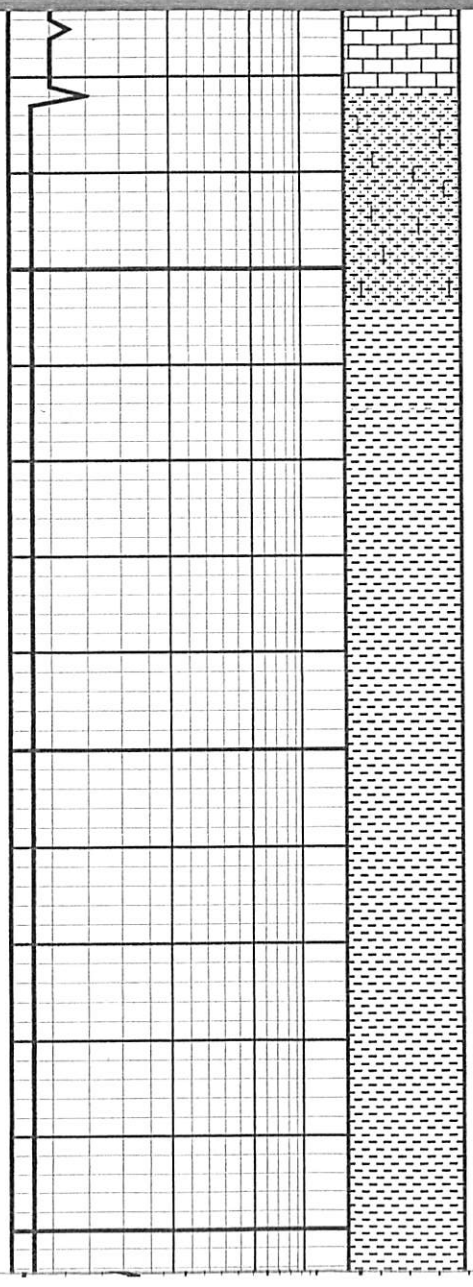
3750

Shale: gray

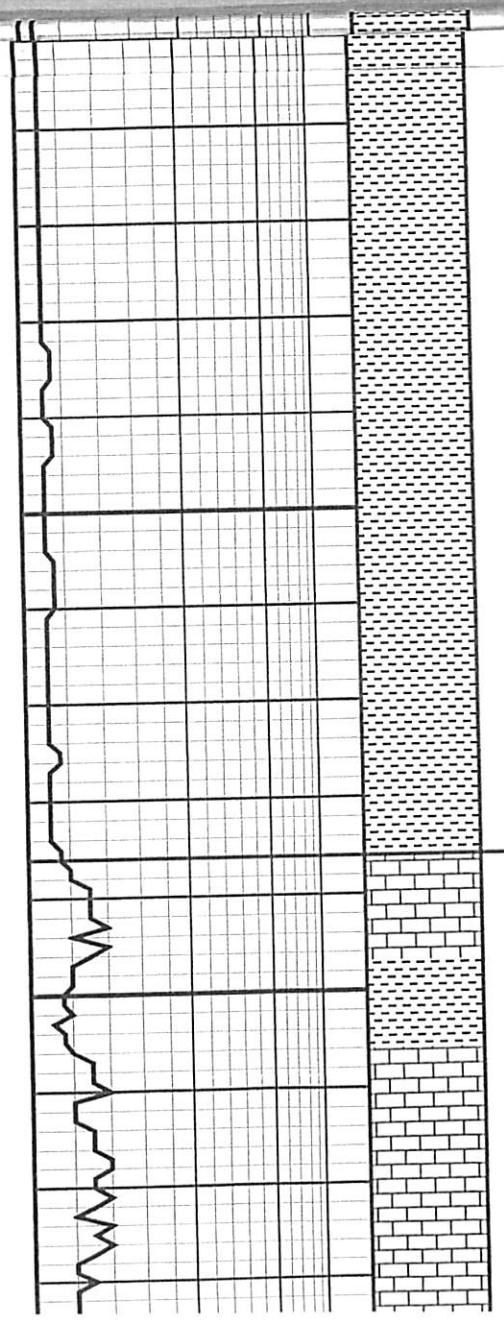
Shale: gray

3800

Stalnaker 3816 -2421



	Limestone: light brown, medium crystalline, dense, no visible porosity, no show
	Sandstone: gray to light brown, fine to medium grained, well sorted, fair calcareous cement, fair to good inter-granular porosity, no show
3850	Sandstone: gray to light brown, fine to medium grained, well sorted, fair calcareous cement, fair to good inter-granular porosity, no show
	Shale: gray
	Shale: gray
3900	
	Shale: gray
	Shale: gray
3950	Limestone: mottled gray to brown, coarsely crystalline,



4000

4050

Shale: gray

Shale: gray

Shale: gray

Kansas City 4036 -2641

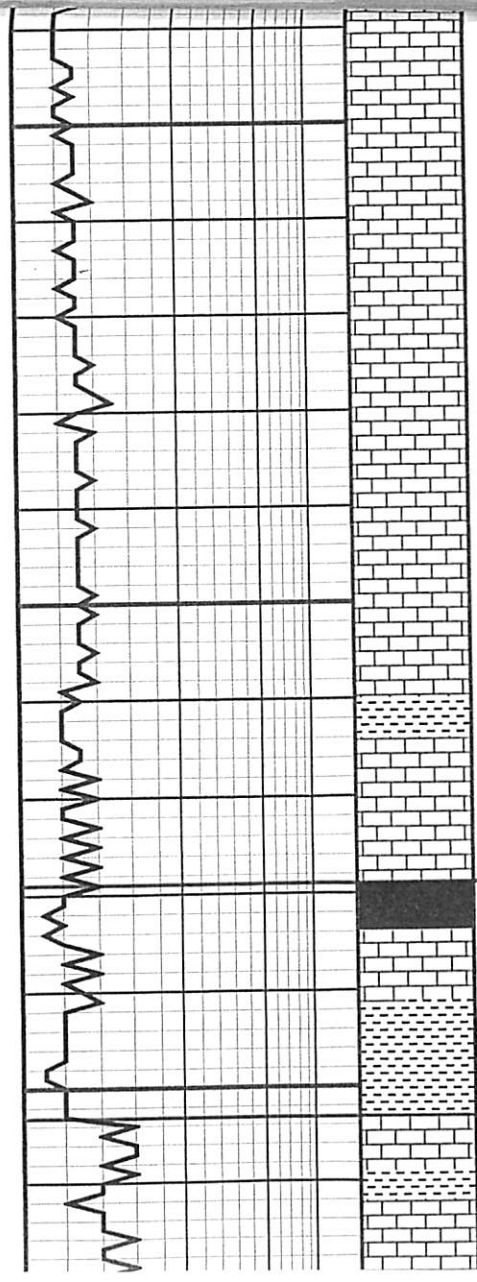
Limestone: light brown, fine to medium crystalline, little visible porosity, no show

Shale: gray to black

Limestone: off white, fine to medium crystalline, much chalky, good intergranular porosity, no show

Limestone: off white, medium crystalline, dense, some poor pin-point porosity, no show

Limestone: off white, medium crystalline, dense, some



4100

4150

4200

Limestone: off white, medium crystalline, dense, some poor pin-point porosity, no show, fair amount gray chert

Limestone: off white, medium crystalline, dense, some poor pin-point porosity, no show, fair amount gray chert

Limestone: off white, medium crystalline, dense, some poor pin-point porosity, no show, fair amount gray chert

Limestone: off white to light brown, coarsely crystaline, dense, no visible porosity, no show

Limestone: off white to light brown, coarsely crystaline, dense, no visible porosity, no show

Limestone: off white to gray to brown, medium to coarsely crystaline, dense, no visible porosity, no show

Limestone: off white to gray to brown, coarsely crystaline, dense, no visible porosity, no show

wt 9.5 vis 45 wl 12.4 lcm 0#

Limestone: off white to gray, coarsely crystaline, dense, no visible porosity, no show, much gray to black shale

Stark Sh 4179 -2784

Shale: black, carbonaceous

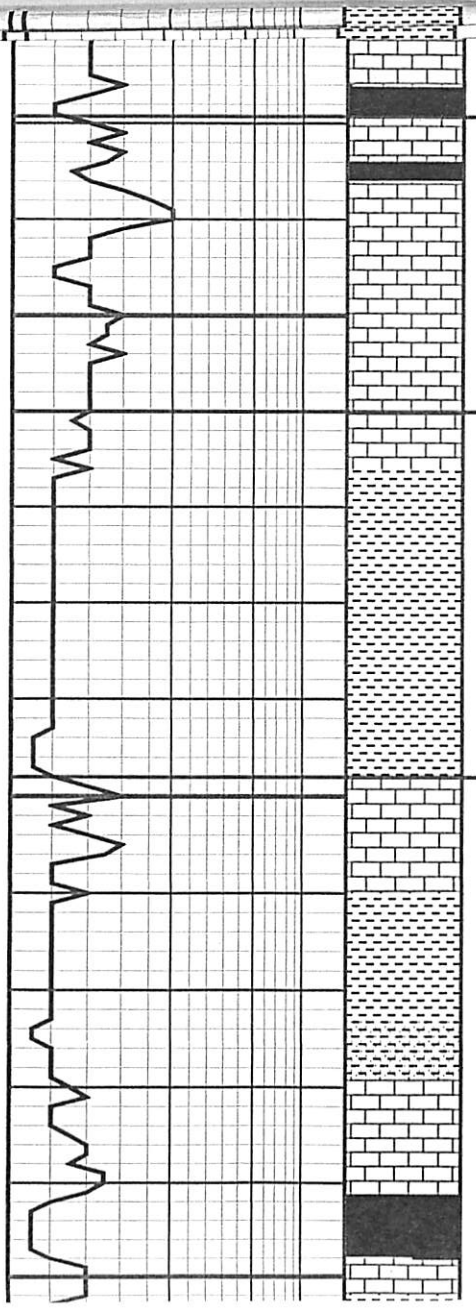
Limestone: brown to gray, medium to coarsely crystalline, fair intercrystalline porosity, no show

Shale: gray to dark gray

Swope 4203 -2808

Limestone: mottled gray to brown, coarsely crystalline, dense, no visible porosity, no show

Limestone: mottled gray to brown, coarsely crystalline,



dense, no visible porosity, no show

Shale: black, carbonaceous

Hertha 4229 -2834

Limestone: beige, fine grained/micritic, dense, no porosity, no show

Shale: black, carbonaceous

Limestone: beige, fine grained/micritic, dense, no porosity, no show

Limestone: white, very chalky

4250

Limestone: off white to light brown, coarsely crystalline, dense, no visible porosity

BKC 4260 -2865

Limestone: off white to light brown, coarsely crystalline, dense, no visible porosity

Shale: dark gray to black carbonaceous, fissle

Shale: dark gray to black

Marmaton 4298 -2903

4300

Limestone: off white to blue greenish gray, coarsely crystalline, dense, no visible porosity, much blue green shale

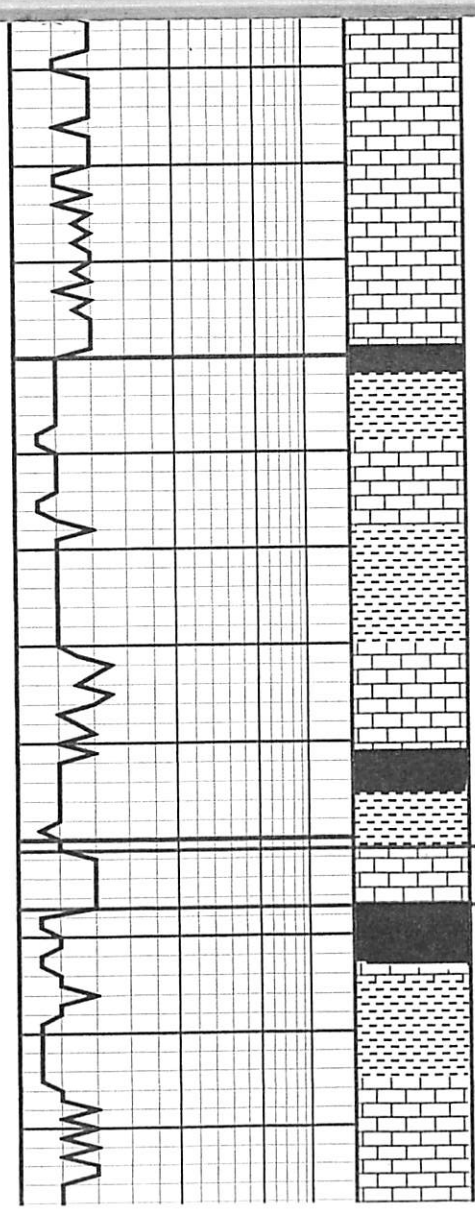
Shale: blue green

Siltstone: blue green, poor intergranular porosity, much blue green shale, silty

Limestone: greenish gray, fine grained, dense

Shale: black, carbonaceous

4350



dense, no visible porosity

Limsetone: off white to dark gray, coarsely crystalline, dense, no visible porosity

Limsetone: off white to dark gray, coarsely crystalline, dense, no visible porosity

Limestone: dark gray, fine grained/micritic, dense, slightly argillaceous, no show

4400

Shale: black, carbonaceous

Shale: dark gray

Limestone: mottled off white to brown, coarsely crystalline, dense, no visible porosity

Shale: dark gray

Limestone: dark gray, medium crystalline, some micritic, dense, no visible porosity, no show

Shale: black, carbonaceous

Shale: gray

Fort Scott 4451 -3056

4450

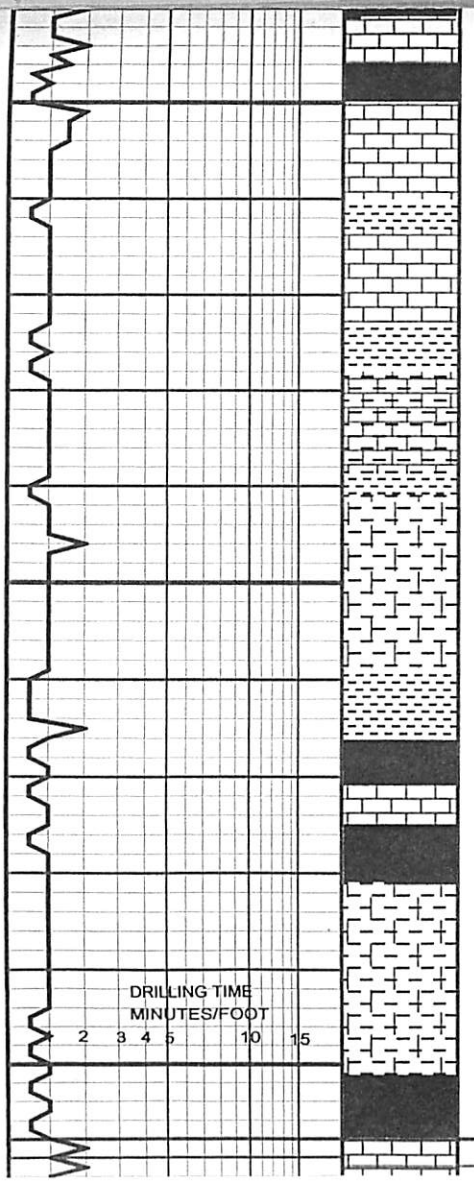
Limestone: light brown, coarsely crystalline, very dense no porosity

Cherokee 4457 -3062

Shale: black, carbonaceous

Shale: gray

Limestone: off white, medium crystalline, dense, no visible porosity, no show



4500

Shale: black, carbonaceous

Limestone: off white, coarsely crystalline, dense, no visible porosity, no show

Limestone: off white to bluish white, coarsely crystalline dense, no visible porosity, no show
Shale: black, carbonaceous

Shale: gray

Limestone: gray, coarsely crystalline, dense, no porosity, argillaceous, no show

Limestone: gray, coarsely crystalline, dense, no porosity, argillaceous, no show
Shale: gray, calcareous

4550

Shale: gray, calcareous

Shale: gray to black, some highly calcareous

Shale: gray to black, some highly calcareous

Limestone: light brown, coarsely crystalline, dense, no visible porosity, no show
Shale: red to gray, trace pyrite

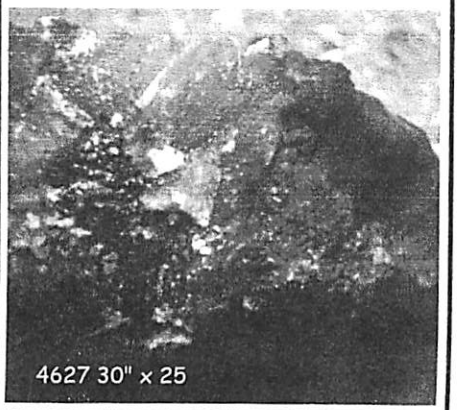
Shale: gray to black, some highly calcareous

Shale: black

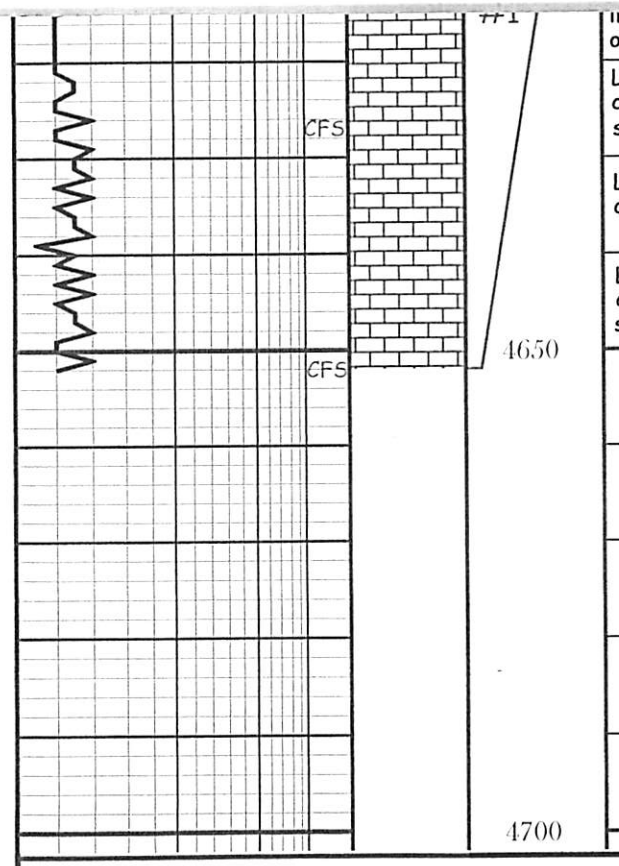
4600

Shale: burgandy to gray

Mississippian 4608 -3213



4627 30" x 25



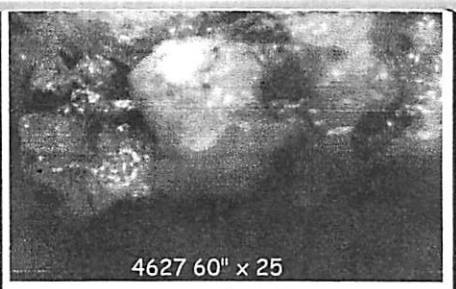
intercrystalline porosity, 1 piece w/spotted show oil, no odor, 40 unit show on Hot Wire

Limestone: white to off white, medium crystalline, slightly chalky, few pieces w/spotted show oil, no odor, some green chert

Limestone: off white, medium crystalline, fair inter-crystalline porosity, no show

Limestone: off white, medium crystalline, fair inter-crystalline porosity, trace gray oolitic chert w/spotted show free oil, no odor 60 unit gas show on Hot Wire

wt 9.6 vis 46 wl 12.0 lcm 3#


4627 60" x 25


4652 60" spl x 25

American Warrior, Inc. Pollock #1-24
2,035' FNL & 341' FWL 24-33S-8W
Harper County, KS

1395 KB

Comments:

TRILOBITE

DRILL STEM TEST REPORT

TESTING, INC

P.O.Box 399
Garden City, Kansas 67846

ATTN: Frank Mize

28-31s-9w Harper Co

Job Ticket: 36948 **DST#: 1**

Test Start: 2010.09.08 @ 10:07:41

GENERAL INFORMATION:

Formation: **Mississppi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:19:41
Time Test Ended: 16:32:11

Test Type: Conventional Bottom Hole
Tester: Jerry Adams
Unit No: 45

Interval: 4611.00 ft (KB) To 4652.00 ft (KB) (TVD)
Total Depth: 4652.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1405.00 ft (KB)
1395.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6798 **Inside**
Press@RunDepth: 88.28 psig @ 4612.00 ft (KB)
Start Date: 2010.09.08 End Date: 2010.09.08
Start Time: 10:07:42 End Time: 16:32:11

Capacity: 8000.00 psig
Last Calib.: 2010.09.08
Time On Btm: 2010.09.08 @ 12:18:11
Time Off Btm: 2010.09.08 @ 14:23:41

TEST COMMENT: IF:Weak 1/4" blow, Dead in 21 mins.
ISI:No blow.
FF:No blow.
FSI:No blow.

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Drilling Mud 100%m	1.68
0.00		0.00

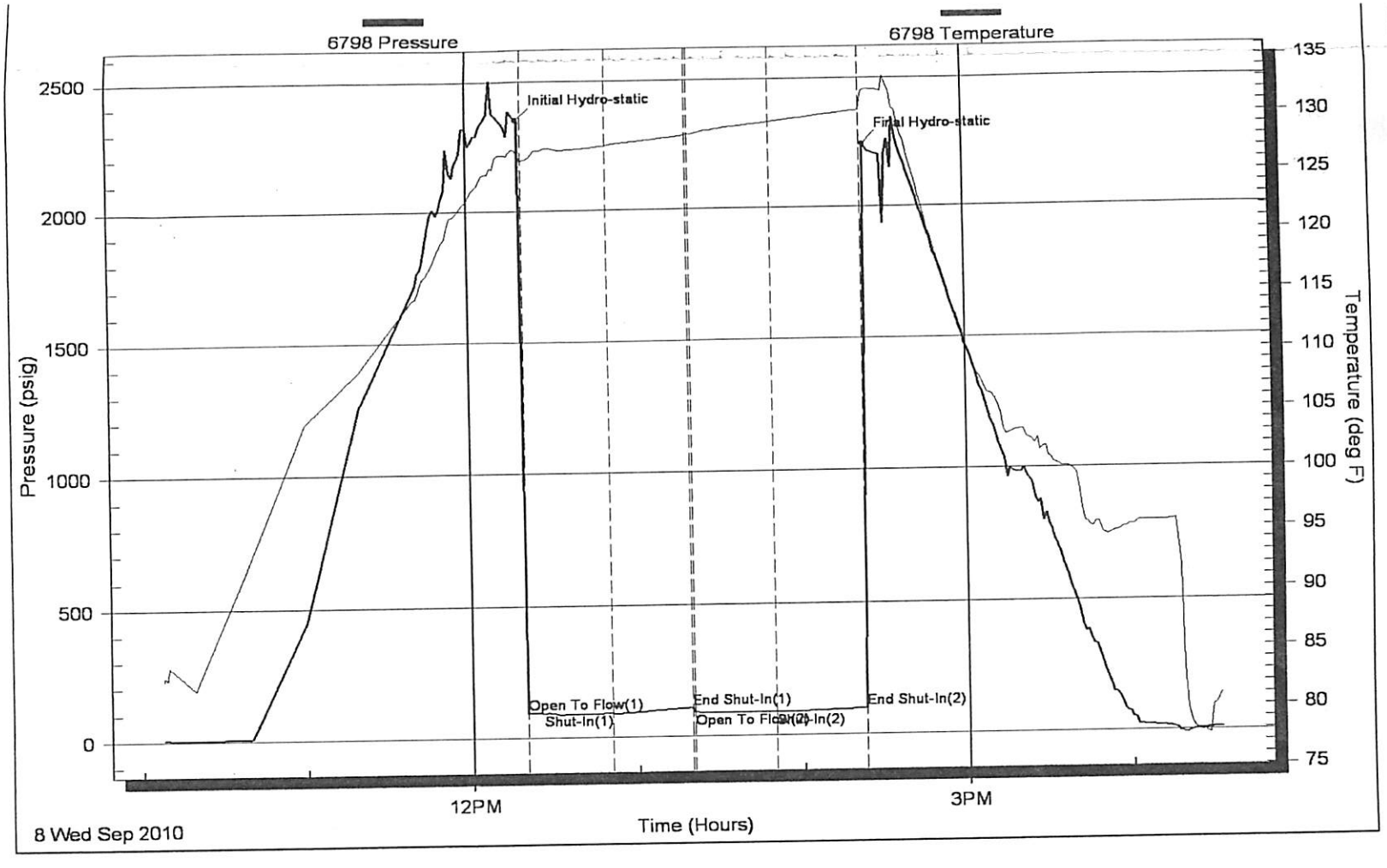
PRESSURE SUMMARY

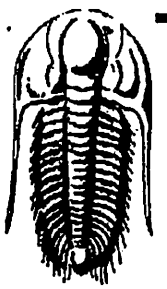
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2346.82	127.02	Initial Hydro-static
2	94.30	126.26	Open To Flow (1)
32	93.32	127.55	Shut-In(1)
61	106.56	128.41	End Shut-In(1)
62	90.28	128.44	Open To Flow (2)
92	88.28	129.45	Shut-In(2)
125	97.13	130.39	End Shut-In(2)
126	2238.42	132.05	Final Hydro-static

Serial #: 6798 **Inside** American Warrior 28-31s-9w Harper Co DST Test Number: 1

Pressure vs. Time

6798 Pressure 6798 Temperature


6798 Pressure
6798 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
End Shut-In(2)
Pressure (psig)
Temperature (deg F)
Time (Hours)
12PM
3PM
8 Wed Sep 2010
2500
2000
1500
1000
500
0
135
130
125
120
115
110
105
100
95
90
85
80
75



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

P.O.Box 399
Garden City, Kansas 67846

ATTN: Frank Mize

28-31s-9w Harper,Ks

Pollock #1-24

Start Date: 2010.09.08 @ 10:07:41
End Date: 2010.09.08 @ 16:32:11
Job Ticket #: 36948 DST #: 1

ORIGINAL

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

American Warrior, Inc

P.O.Box 399
Garden City, Kansas 67846

ATTN: Frank Mize

Pollock #1-24

28-31s-9w Harper,Ks

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KB to GR/CF: 10.00 ft

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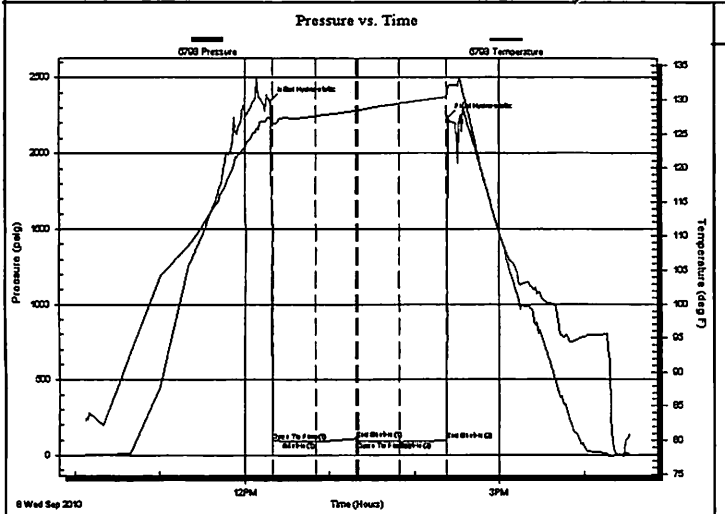
Press@RunDepth: 88.28 psig @ 4612.00 ft (KB)
Start Date: 2010.09.08 End Date: 2010.09.08
Start Time: 10:07:42 End Time: 16:32:11

Capacity: 8000.00 psig
Last Calib.: 2010.09.08
Time On Btm: 2010.09.08 @ 12:18:11
Time Off Btm: 2010.09.08 @ 14:23:41

TEST COMMENT: IF:Weak 1/4" blow . Dead in 21 mins.
ISI:No blow .
FF:No blow .
FSI:No blow .



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Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2346.82	127.02	Initial Hydro-static
2	94.30	126.26	Open To Flow (1)
32	93.32	127.55	Shut-In(1)
61	106.56	128.41	End Shut-In(1)
62	90.28	128.44	Open To Flow (2)
92	88.28	129.45	Shut-In(2)
125	97.13	130.39	End Shut-In(2)
126	2238.42	132.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Drilling Mud 100%m	1.68

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc

P.O.Box 399
Garden City, Kansas 67846

ATTN: Frank Mize

Pollock #1-24

28-31s-9w Harper,Ks

Job Ticket: 36948 **DST#: 1**

Test Start: 2010.09.08 @ 10:07:41

Tool Information

Drill Pipe:	Length:	4613.00 ft	Diameter:	3.80 inches	Volume:	64.71 bbl	Tool Weight:		2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		90000.00 lb
					Total Volume:	64.71 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		30.00 ft					String Weight:	Initial	70000.00 lb
Depth to Top Packer:		4611.00 ft						Final	70000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		41.00 ft							
Tool Length:		69.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:
Hit bridge 25 stds off bottom. Tool opened momentarily.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4588.00		
Hydraulic tool	5.00			4593.00		
Jars	5.00			4598.00		
Safety Joint	3.00			4601.00		
Packer	5.00			4606.00	28.00	Bottom Of Top Packer
Packer	5.00			4611.00		
Stubb	1.00			4612.00		
Recorder	0.00	6798	Inside	4612.00		
Recorder	0.00	8367	Outside	4612.00		
Perforations	37.00			4649.00		
Bullnose	3.00			4652.00	41.00	Bottom Packers & Anchor
Total Tool Length:	**69.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc

P.O.Box 399
Garden City, Kansas 67846

ATTN: Frank Mize

Pollock #1-24

28-31s-9w Harper,Ks

Job Ticket: 36948 **DST#: 1**

Test Start: 2010.09.08 @ 10:07:41

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	12.38 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	10000.00 ppm				
Filter Cake:	0.21 inches				

Recovery Information

Recovery Table

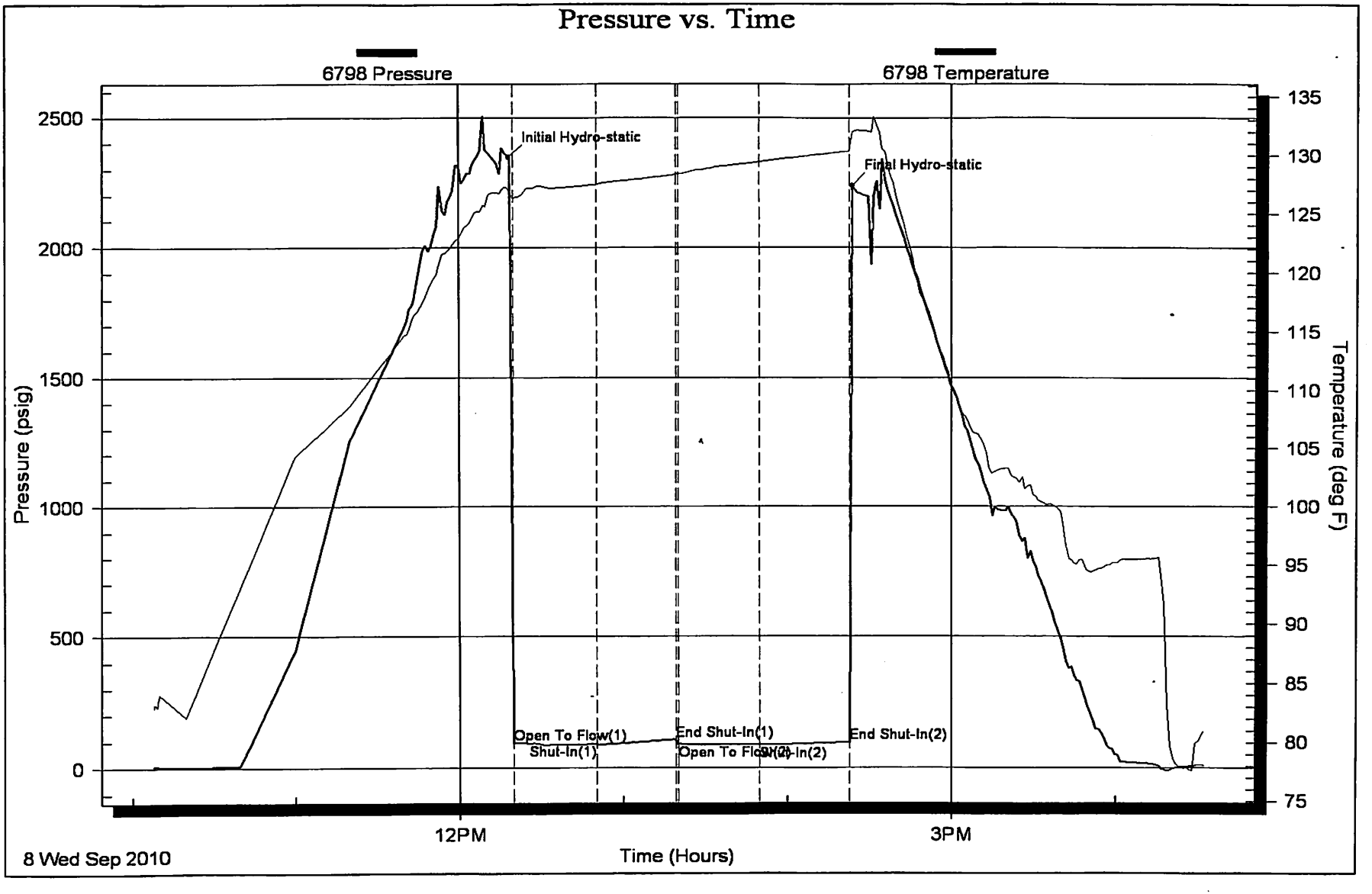
Length ft	Description	Volume bbl
120.00	Drilling Mud 100%m	1.683

Total Length: 120.00 ft Total Volume: 1.683 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6798 Pressure
6798 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
End Shut-In(2)
Pressure (psig)
Temperature (deg F)
Time (Hours)
12PM
3PM
8 Wed Sep 2010

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

10/08

RECEIVED
SEP 16 2010
BY:

Test Ticket

No. 36948

Well Name & No. Pollock #1-24 Test No. 1 Date 9-8-10

Company American Warrior Elevation 1405 KB 1395 GL

Address P.O. Box 399 Garden City, Kansas 67846

Co. Rep / Geo. Frank Mize Rig Val #5

Location: Sec. 28 Twp. 31S Rge. 9w Co. Harper State Ks.

Interval Tested 4611-4652 Zone Tested Mississippi

Anchor Length 41 Drill Pipe Run 4613 Mud Wt. 9.3

Top Packer Depth 4606 Drill Collars Run 0 Vis 48

Bottom Packer Depth 4611 Wt. Pipe Run 0 WL 12.4

Total Depth 4652 Chlorides 10,000 ppm System LCM 0

Blow Description IF: Weak 1/4" blow. Dead in 21 mins.

ISI: No blow.

FF: No blow.

FSI: No blow.

Rec 120	Feet of Drilling Mud	%gas	%oil	%water	100	%mud
Rec	Feet of	%gas	%oil	%water		%mud
Rec	Feet of	%gas	%oil	%water		%mud
Rec	Feet of	%gas	%oil	%water		%mud
Rec	Feet of	%gas	%oil	%water		%mud

Rec Total 120 BHT 130 Gravity N/A API RW N/A @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2347

(B) First Initial Flow 94

(C) First Final Flow 93

(D) Initial Shut-In 107

(E) Second Initial Flow 90

(F) Second Final Flow 88

(G) Final Shut-In 97

(H) Final Hydrostatic 2238

Initial Open 30

Initial Shut-In 30

Final Flow 30

Final Shut-In 30

- ☑ Test 1225
- ☑ Jars 250
- ☑ Safety Joint 75
- ☐ Circ Sub
- ☐ Hourly Standby
- ☑ Mileage 130 R.T. 162.50
- ☐ Sampler
- ☐ Straddle
- ☐ Shale Packer
- ☐ Extra Packer
- ☐ Extra Recorder
- ☐ Day Standby
- ☐ Accessibility

Sub Total 1712.50

T-On Location 0830

T-Started 1007

T-Open 1219

T-Pulled 1423

T-Out 1632

Comments Hit bridge 25 stds off bottom. Tool opened momentarily.

- ☐ Ruined Shale Packer
- ☑ Ruined Packer 260
- ☐ Extra Copies

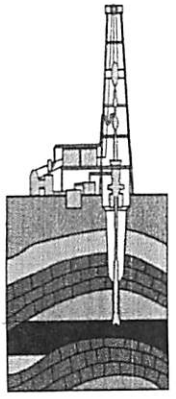
Sub Total 260

Total 1972.50

Thank You.

Approved By Frank Mize

Our Representative Jerry Adams



American Warrior, Inc.

FRANK S. MIZE LICENSED 365 KANSAS GEOLOGIST

GEOLOGICAL REPORT
DRILLING TIME & SAMPLE LOG

COMPANY American Warrior, Inc.
LEASE Pollock #1-24
FIELD Wildcat
LOCATION 2,035' FNL & 341' FWL
SEC 24 TWSP 33S RGE 8W
COUNTY Harper STATE KS

CONTRACTOR Val Drilling, Rig #5
SPUD 9-3-10 COMP 9-8-10
SAMPLES SAVED FROM 3200' TO RTD
REPORT PREPARED BY FRANK S. MIZE/GEOLOGIST

ELEVATION
K.B. 1395
G.L. 1384

DEPTH MEASURED FROM KB
Log _____ Drilling ✓

CASING
Conductor NONE
Surface 8 5/8" @ 350'
Production NONE

Electric Logs
NONE

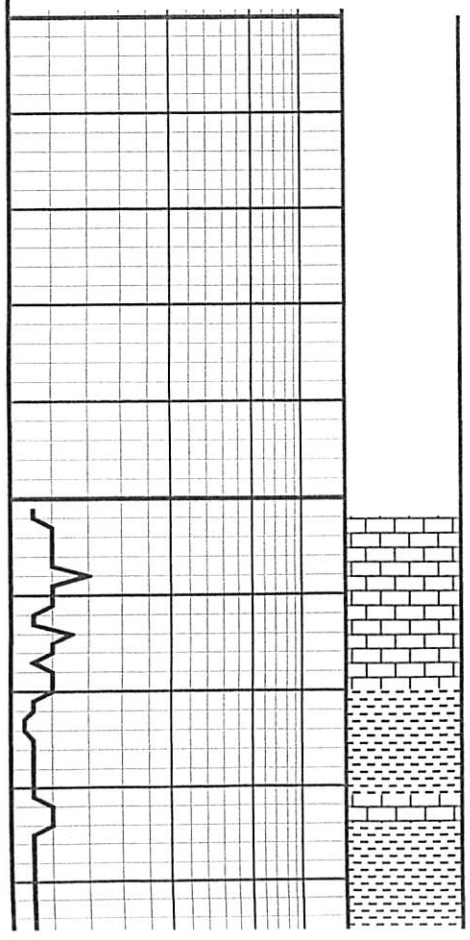
FORMATION	SAMPLE	E LOG	DATUM	A. ELOG	B. ELOG	C. DT/SMP
Heebner	3457		-2062	-2054	-2048	
Stalnaker	3816		-2421	-2425	-2396	
Kansas City	4036		-2641	-2631	-2629	-2552
Stark	4179		-2784	-2776	-2771	-2700
Swope	4203		-2808	-2799	-2796	-2720
Hertha	4229		-2834	-2826	-2822	-2747
BKC	4260		-2865	-2855	-2851	-2780
Marmaton	4298		-2903	-2895	-2894	-2819
Fort Scott	4451		-3056	-3043	-3042	-2966
Cherokee	4457		-3062	-3050	-3048	-2975
Mississippian	4607		-3213	-3203	-3201	-3137
RTD	4652		-3257			

REFERENCE WELLS

A. C SW SW 24-33S-8W Anadarko Prod, Law 'A' #1
B. C NE SW 24-33S-8W McCoy, Dalrymple 'D' #1
C. SE SE 23-33S-8W Pintail Pet, Reynolds-Engle #1-23

Due to the low structural position of this well at the top of the Mississippian, and the negative results of DST #1, it was recommended that this well be plugged and abandoned.

Frank S. Mize, Geologist #365



3200

3250

Limestone: gray to brown, medium crystalline, dense, no visible porosity, no show

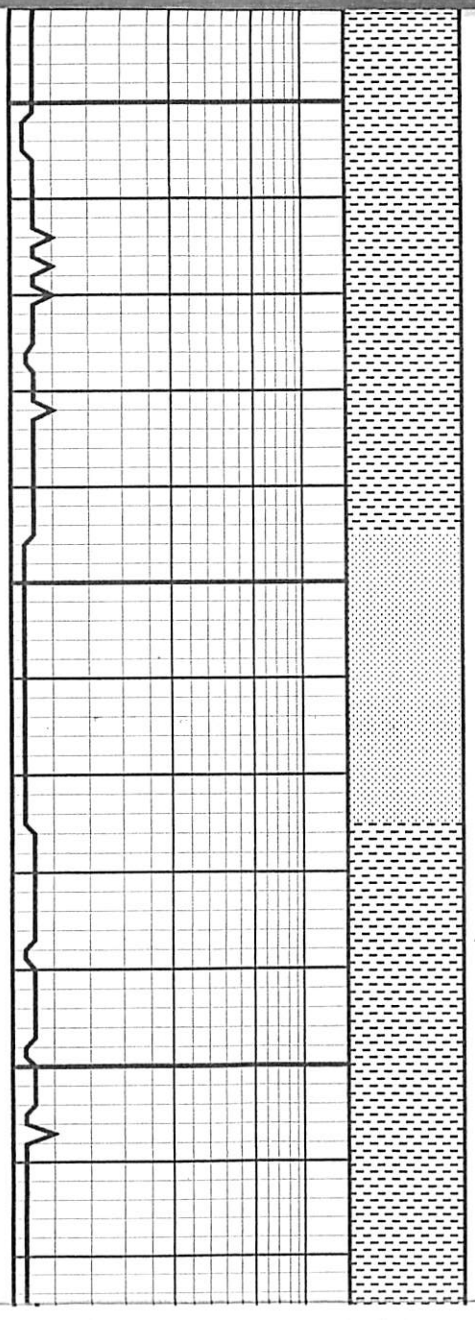
Limestone: gray to brown, medium crystalline, dense, no visible porosity, no show

Shale: gray to black

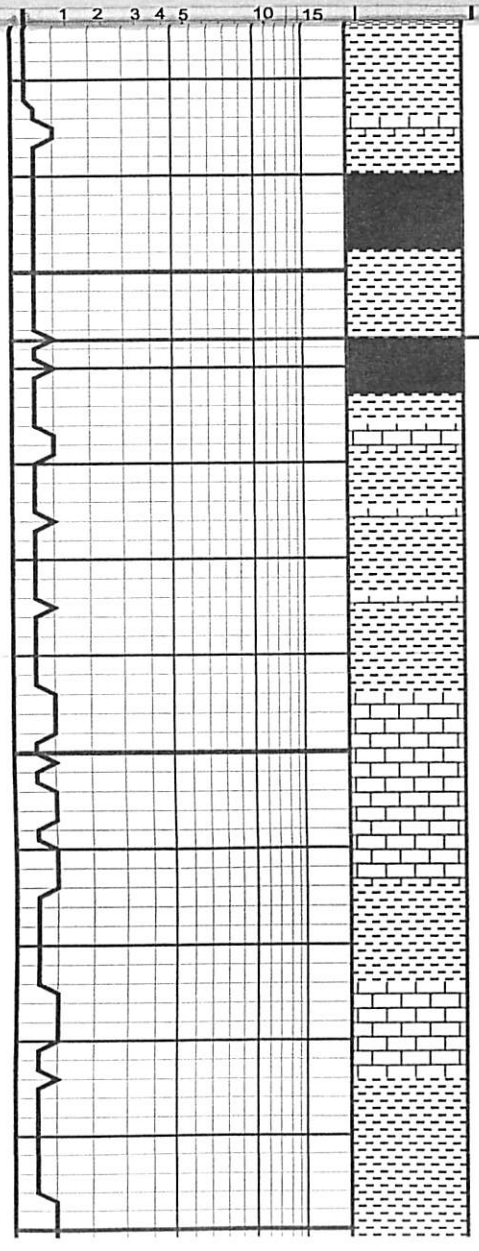
Limestone: off white, fine grained/micritic, dense, no visible porosity, no show

Shale: gray to light brown

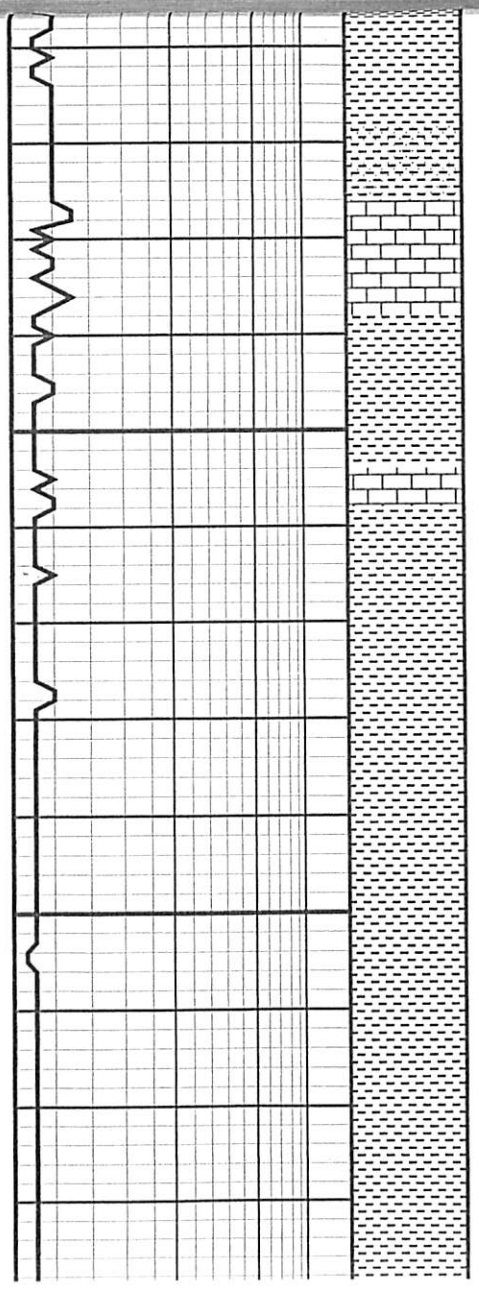
SHALE
SANDSTONE
LIMESTONE
DOLOMITE
HALITE
ANHYDRITE/GYPSUM



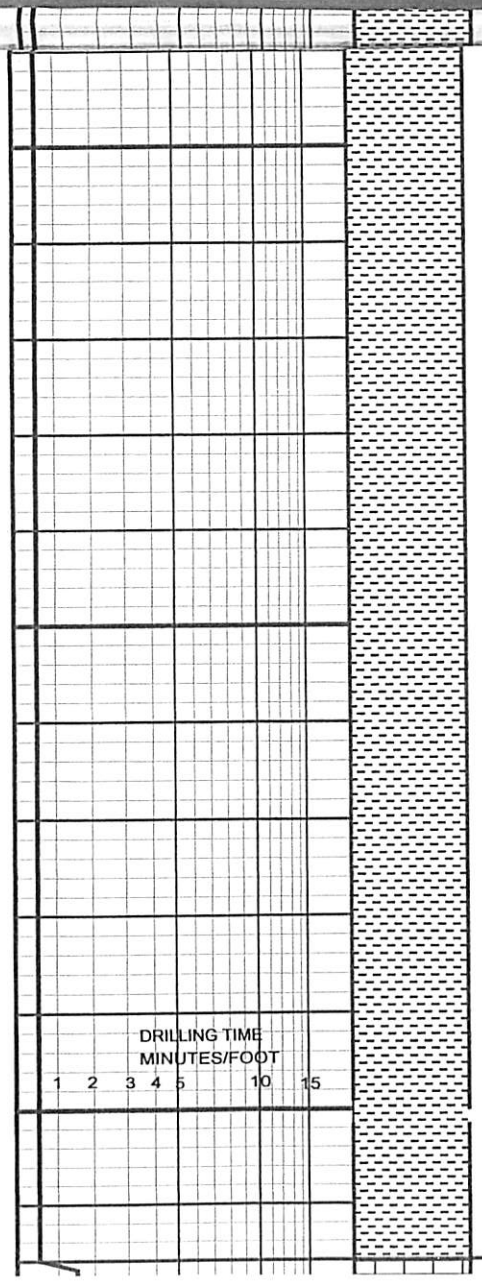
3300	Shale: gray to light brown
	Shale: dark gray
	Shale: dark gray
	Shale: dark gray
3350	Sandstone: gray, fine grained, well sorted, poor to fair cement, rounded, good intergranular porosity, no show
	Sandstone: gray, fine grained, well sorted, poor to fair cement, rounded, good intergranular porosity, no show
	Shale: dark gray, some silty
3400	Shale: dark gray



	Shale: dark gray to gray	
3450		Heebner 3457 -2062
	Shale: black, fissle	
	Limestone: dirty beige to light brown, medium crystalline, argillaceous, no visible porosity, no show	
	Shale: gray to black	
	Shale: gray	
3500		
	Limestone: off white, highly chalky to light brown, argillaceous, no visible porosity, no show	
	Shale: gray to black	
	Limestone: off white to light brown, medium crystalline, dense, fair intercrystalline porosity, no show, trace milky dark gray chert	
	Limestone: beige to gray, medium crystalline, fair intercrystalline porosity, no show	
	Shale: gray to black	
3550		



	Shale: gray to dark gray, calcareous
	Shale: gray
	Siltstone: light brown, very fine grained
	Limestone: light brown to beige, medium crystalline, dense, some argillaceous, no show
	Shale: gray
3600	
	Limestone: light brown to beige, medium crystalline, dense, some argillaceous, no show
	Shale: gray
	Shale: gray
3650	
	Shale: gray



3700

Shale: gray

Shale: gray to light brown

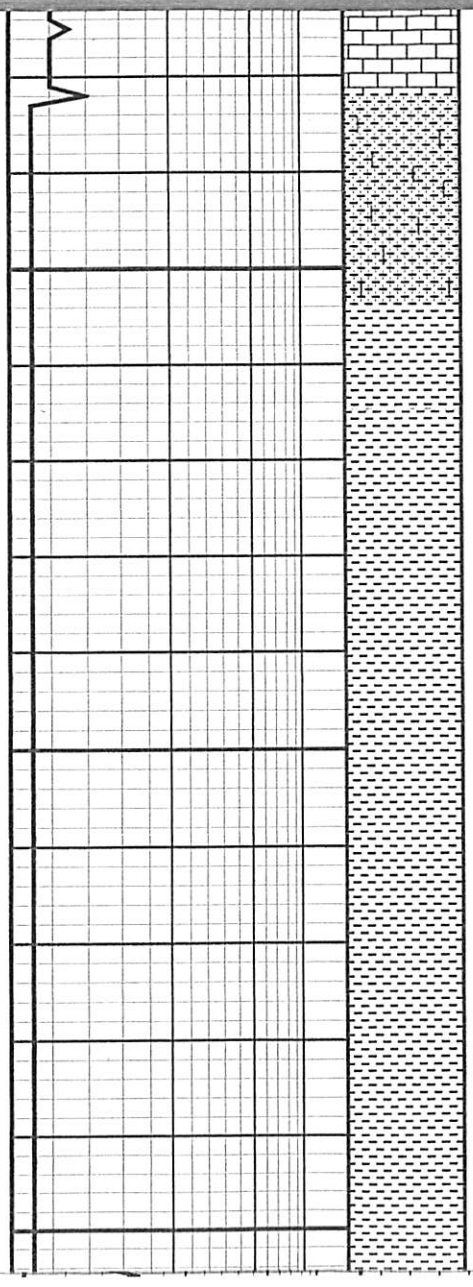
3750

Shale: gray

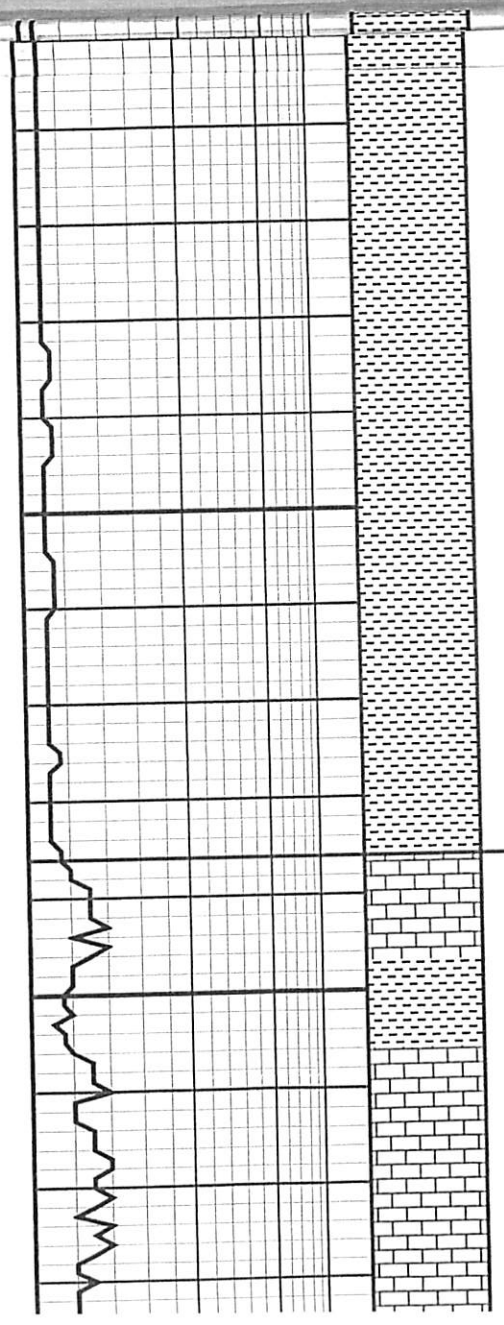
Shale: gray

3800

Stalnaker 3816 -2421



	Limestone: light brown, medium crystalline, dense, no visible porosity, no show
	Sandstone: gray to light brown, fine to medium grained, well sorted, fair calcareous cement, fair to good inter-granular porosity, no show
3850	Sandstone: gray to light brown, fine to medium grained, well sorted, fair calcareous cement, fair to good inter-granular porosity, no show
	Shale: gray
	Shale: gray
3900	
	Shale: gray
	Shale: gray
3950	Limestone: mottled gray to brown, coarsely crystalline,



4000

4050

Shale: gray

Shale: gray

Shale: gray

Kansas City 4036 -2641

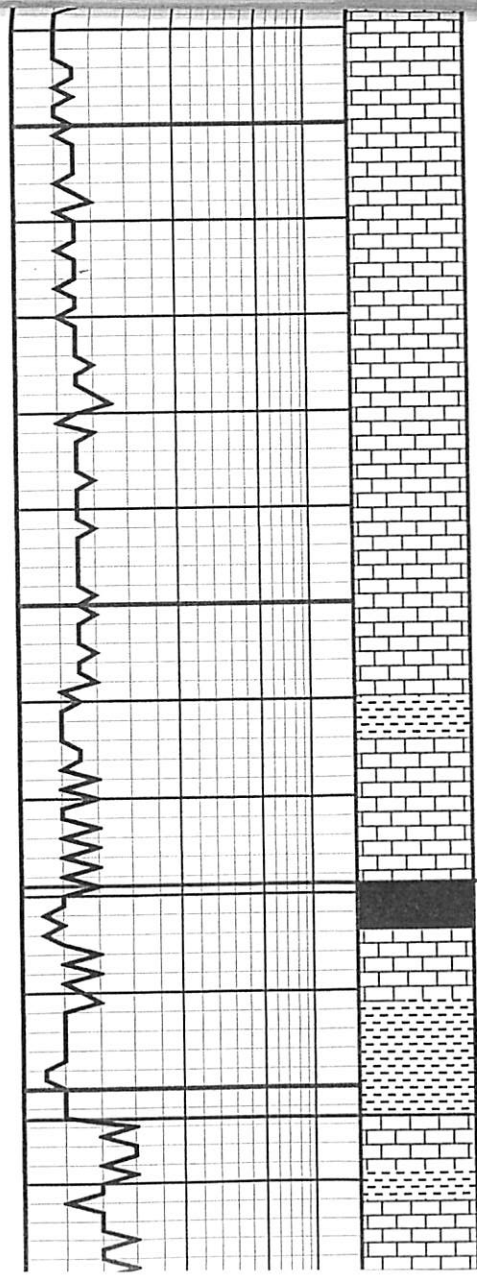
Limestone: light brown, fine to medium crystalline, little visible porosity, no show

Shale: gray to black

Limestone: off white, fine to medium crystalline, much chalky, good intergranular porosity, no show

Limestone: off white, medium crystalline, dense, some poor pin-point porosity, no show

Limestone: off white, medium crystalline, dense, some



4100

4150

4200

Limestone: off white, medium crystalline, dense, some poor pin-point porosity, no show, fair amount gray chert

Limestone: off white, medium crystalline, dense, some poor pin-point porosity, no show, fair amount gray chert

Limestone: off white, medium crystalline, dense, some poor pin-point porosity, no show, fair amount gray chert

Limestone: off white to light brown, coarsely crystaline, dense, no visible porosity, no show

Limestone: off white to light brown, coarsely crystaline, dense, no visible porosity, no show

Limestone: off white to gray to brown, medium to coarsely crystaline, dense, no visible porosity, no show

Limestone: off white to gray to brown, coarsely crystaline, dense, no visible porosity, no show

wt 9.5 vis 45 wl 12.4 lcm 0#

Limestone: off white to gray, coarsely crystaline, dense, no visible porosity, no show, much gray to black shale

Stark Sh 4179 -2784

Shale: black, carbonaceous

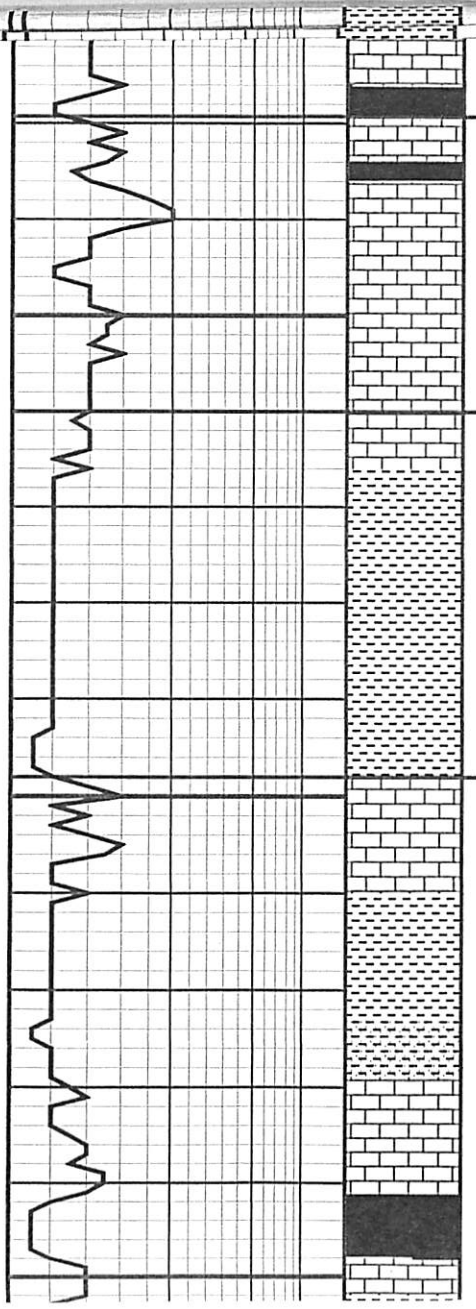
Limestone: brown to gray, medium to coarsely crystalline, fair intercrystalline porosity, no show

Shale: gray to dark gray

Swope 4203 -2808

Limestone: mottled gray to brown, coarsely crystalline, dense, no visible porosity, no show

Limestone: mottled gray to brown, coarsely crystalline,



dense, no visible porosity, no show

Shale: black, carbonaceous

Hertha 4229 -2834

Limestone: beige, fine grained/micritic, dense, no porosity, no show

Shale: black, carbonaceous

Limestone: beige, fine grained/micritic, dense, no porosity, no show

Limestone: white, very chalky

4250

Limestone: off white to light brown, coarsely crystalline, dense, no visible porosity

BKC 4260 -2865

Limestone: off white to light brown, coarsely crystalline, dense, no visible porosity

Shale: dark gray to black carbonaceous, fissle

Shale: dark gray to black

Marmaton 4298 -2903

4300

Limestone: off white to blue greenish gray, coarsely crystalline, dense, no visible porosity, much blue green shale

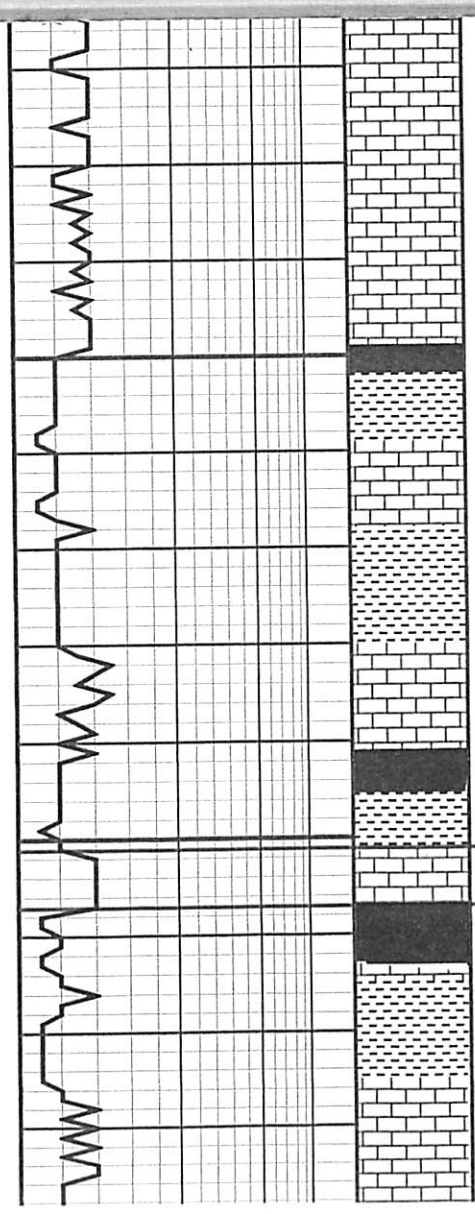
Shale: blue green

Siltstone: blue green, poor intergranular porosity, much blue green shale, silty

Limestone: greenish gray, fine grained, dense

Shale: black, carbonaceous

4350



dense, no visible porosity

Limsetone: off white to dark gray, coarsely crystalline, dense, no visible porosity

Limsetone: off white to dark gray, coarsely crystalline, dense, no visible porosity

Limestone: dark gray, fine grained/micritic, dense, slightly argillaceous, no show

4400

Shale: black, carbonaceous

Shale: dark gray

Limestone: mottled off white to brown, coarsely crystalline, dense, no visible porosity

Shale: dark gray

Limestone: dark gray, medium crystalline, some micritic, dense, no visible porosity, no show

Shale: black, carbonaceous

Shale: gray

Fort Scott 4451 -3056

4450

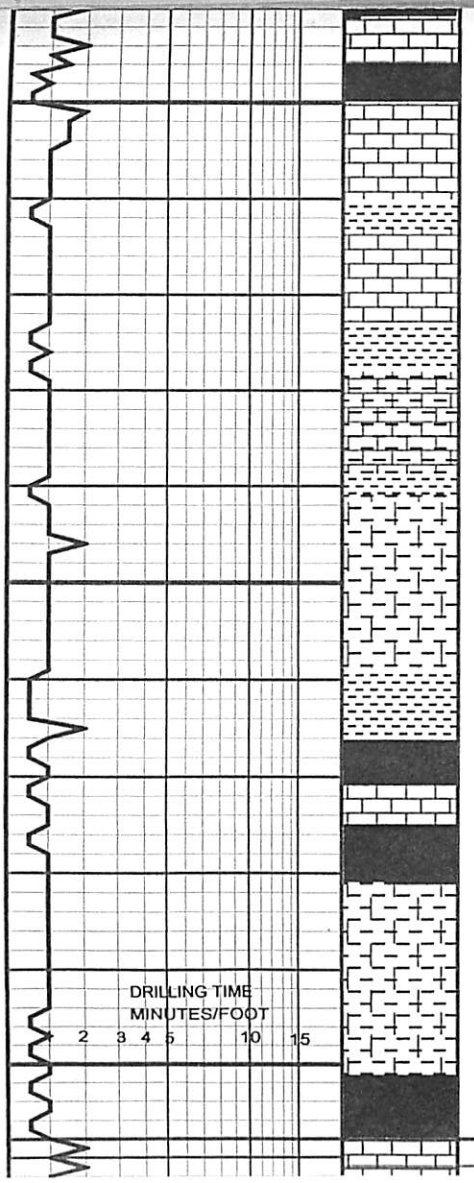
Limestone: light brown, coarsely crystalline, very dense no porosity

Cherokee 4457 -3062

Shale: black, carbonaceous

Shale: gray

Limestone: off white, medium crystalline, dense, no visible porosity, no show



4500

Shale: black, carbonaceous

Limestone: off white, coarsely crystalline, dense, no visible porosity, no show

Limestone: off white to bluish white, coarsely crystalline dense, no visible porosity, no show
Shale: black, carbonaceous

Shale: gray

Limestone: gray, coarsely crystalline, dense, no porosity, argillaceous, no show

Limestone: gray, coarsely crystalline, dense, no porosity, argillaceous, no show
Shale: gray, calcareous

4550

Shale: gray, calcareous

Shale: gray to black, some highly calcareous

Shale: gray to black, some highly calcareous

Limestone: light brown, coarsely crystalline, dense, no visible porosity, no show
Shale: red to gray, trace pyrite

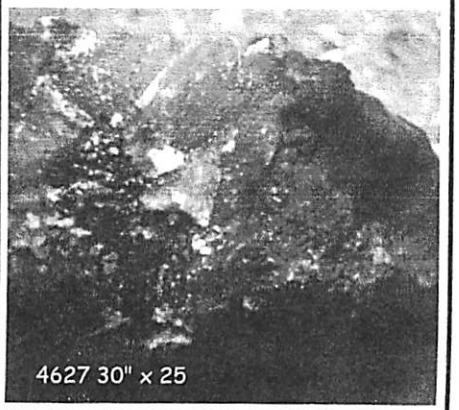
Shale: gray to black, some highly calcareous

Shale: black

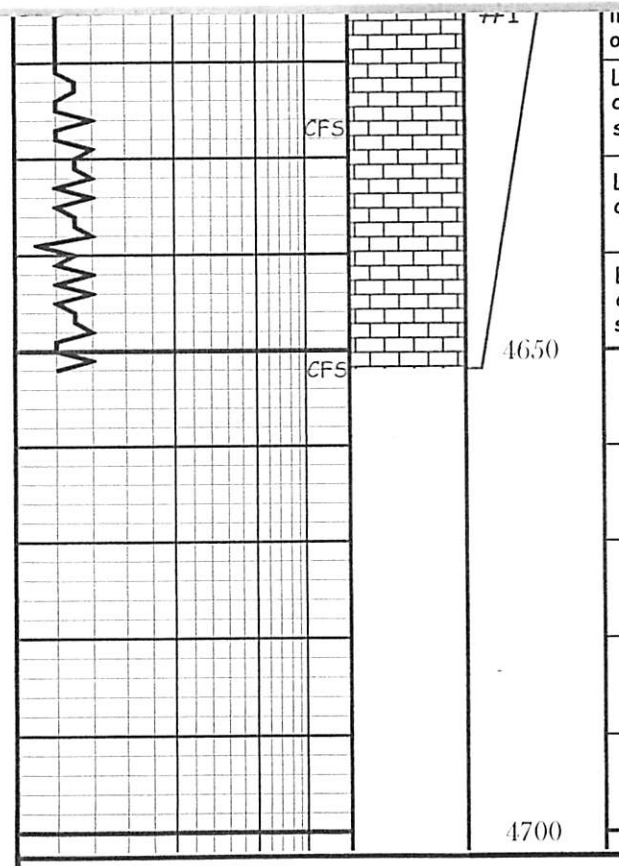
4600

Shale: burgandy to gray

Mississippian 4608 -3213



4627 30" x 25



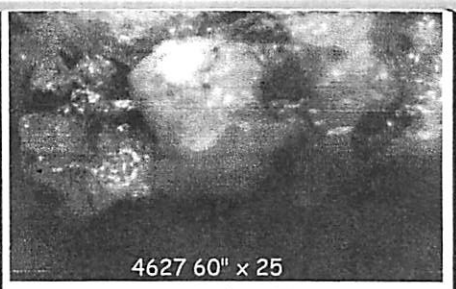
intercrystalline porosity, 1 piece w/spotted show oil, no odor, 40 unit show on Hot Wire

Limestone: white to off white, medium crystalline, slightly chalky, few pieces w/spotted show oil, no odor, some green chert

Limestone: off white, medium crystalline, fair inter-crystalline porosity, no show

Limestone: off white, medium crystalline, fair inter-crystalline porosity, trace gray oolitic chert w/spotted show free oil, no odor 60 unit gas show on Hot Wire

wt 9.6 vis 46 wl 12.0 lcm 3#


4627 60" x 25


4652 60" spl x 25

American Warrior, Inc. Pollock #1-24
2,035' FNL & 341' FWL 24-33S-8W
Harper County, KS

1395 KB

Comments:

TRILOBITE

DRILL STEM TEST REPORT

TESTING, INC

P.O.Box 399
Garden City, Kansas 67846

ATTN: Frank Mize

28-31s-9w Harper Co

Job Ticket: 36948 **DST#: 1**

Test Start: 2010.09.08 @ 10:07:41

GENERAL INFORMATION:

Formation: **Mississppi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:19:41
Time Test Ended: 16:32:11

Test Type: Conventional Bottom Hole
Tester: Jerry Adams
Unit No: 45

Interval: 4611.00 ft (KB) To 4652.00 ft (KB) (TVD)
Total Depth: 4652.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1405.00 ft (KB)
1395.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6798 **Inside**
Press@RunDepth: 88.28 psig @ 4612.00 ft (KB)
Start Date: 2010.09.08 End Date: 2010.09.08
Start Time: 10:07:42 End Time: 16:32:11

Capacity: 8000.00 psig
Last Calib.: 2010.09.08
Time On Btm: 2010.09.08 @ 12:18:11
Time Off Btm: 2010.09.08 @ 14:23:41

TEST COMMENT: IF:Weak 1/4" blow, Dead in 21 mins.
ISI:No blow.
FF:No blow.
FSI:No blow.

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Drilling Mud 100%m	1.68
0.00		0.00

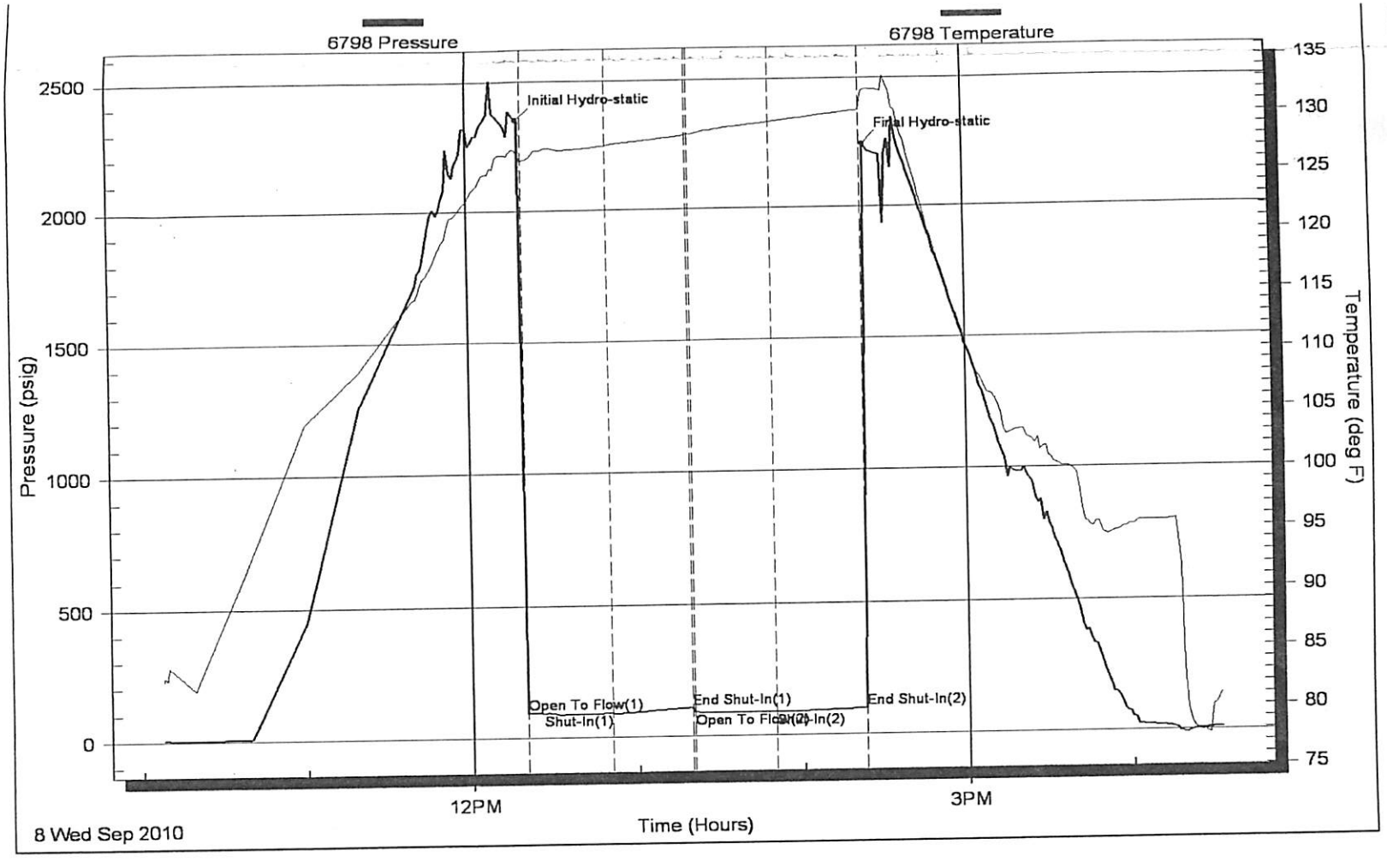
PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2346.82	127.02	Initial Hydro-static
2	94.30	126.26	Open To Flow (1)
32	93.32	127.55	Shut-In(1)
61	106.56	128.41	End Shut-In(1)
62	90.28	128.44	Open To Flow (2)
92	88.28	129.45	Shut-In(2)
125	97.13	130.39	End Shut-In(2)
126	2238.42	132.05	Final Hydro-static

Serial #: 6798 **Inside** American Warrior 28-31s-9w Harper Co DST Test Number: 1

Pressure vs. Time

6798 Pressure 6798 Temperature


6798 Pressure
6798 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
End Shut-In(2)
Pressure (psig)
Temperature (deg F)
Time (Hours)
12PM
3PM
8 Wed Sep 2010
2500
2000
1500
1000
500
0
135
130
125
120
115
110
105
100
95
90
85
80
75