

RELEASED

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CONFIDENTIAL FROM CONFIDENTIAL ORIGINAL

KCC

DEC 15 1998

CONFIDENTIAL

WELL NAME:

Kerstetter 1-33

COMPANY:

American Warrior

LOCATION:

33-32s-19w

Comanche County, Kansas

DATE:

10/15/98

RECEIVED
STATE OF KANSAS

DEC 16 1998

CONSERVATION DIVISION
Wichita Kansas

CONFIDENTIAL TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : American Warrior Inc.

DATE 10-11-98

WELL NAME: Kerstetter 1-33

KB 1938.00 ft

TICKET NO: 11557

DST #1

LOCATION : 33-32s-19w Comanche co KS

GR 1925.00 ft

FORMATION: Viola

INTERVAL : 5838.00 To 5900.00 ft

TD 5900.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	2342			PF Fr. 0147 to 0217 hr
SI 60 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0217 to 0317 hr
SF 60 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 0317 to 0417 hr
FS 120 Depth(ft)	5897.0	5897.0	5848.0	0.0	0.0	FS Fr. 0417 to 0617 hr

	Field	1	2	3	4	
A. Init Hydro	2922.0	2953.0	2869.0	0.0	0.0	T STARTED 2317 hr
B. First Flow	114.0	135.0	46.0	0.0	0.0	T ON BOTM 0142 hr
B1. Final Flow	114.0	128.0	47.0	0.0	0.0	T OPEN 0147 hr
C. In Shut-in	2010.0	2022.0	1967.0	0.0	0.0	T PULLED 0617 hr
D. Init Flow	114.0	128.0	48.0	0.0	0.0	T OUT 0845 hr
E. Final Flow	119.0	128.0	63.0	0.0	0.0	
F. Fl Shut-in	2074.0	2090.0	2032.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2878.0	2788.0	2824.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 106000.00 lbs
						Initial Str Wt 96000.00 lbs
						Unseated Str Wt 96500.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 350.00 ft
						D.P. Length 5488.00 ft

RECOVERY

Tot Fluid 62.00 ft of 62.00 ft in DC and 0.00 ft in DP
 1295.00 ft of Gas in pipe.
 62.00 ft of Gassy mud.
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of Rw n.c. ohms @ degrees F.
 0.00 ft of EST.FT. of PAY-----9

SALINITY 4000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Fair to strong blow bottom of bucket
 in 10 mins.

Initial Shut-in:

Fair to strong blow. bottom of bucket

Final Flow:

Strong blow bottom of bucket in
 5-10 secs.

Final Shut-in:

Weak blow 1/4"-1/2"

KCC

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SAMPLES: none

SENT TO: Caraway/Liberal

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	49.00 S/L
W.L.	9.60 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	131.00 F
Hole Condition	Good
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Allen Downing
Contr.	Duke Drlg.
Rig #	7
Unit #	
Pump T.	LCM 6#/bl

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Kerstetter 1-33

LOCATION : 33-32s-19w Comanche co KS

TICKET No. 11557 D.S.T. No. 1 DATE 10-11-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 31

TOTAL TOOL 58

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STAND.Stands Single Total

P. ANCHOR STAND.Stands Single 1 Total 31

TOTAL ASSEMBLY 89

C. ABOVE TOOLS.Stands 6 Single Total 350

P. ABOVE TOOLS.Stands 88 Single 1 Total 5488

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5927

TOTAL DEPTH 5900

TOTAL DRILL PIPE ABOVE K.B. 27

REMARKS:

Comments:

FLUID SAMPLER DATA (not run)

AS----- cubic ft

EL----- ML.

UD----- ML.

WATER-----

P.O. SUB

C.O. SUB @ top of tool 5811

S.I. TOOL Sterling 5817

HMV Sterling 5822

JARS Bowen 5827

SAFETY JOINT Bowen 5829

PACKER Top 5833

PACKER Btm. 5838

DEPTH 5838

STUBB 1 ft. 5839

ANCHOR 5' perfs to 5844

Alpine rec. @ 5848

1 jt. pipe & subs to 5877

T.C.
DEPTH

TEST HISTORY

11557 DST#1 KERSTETTER 1-33 AMERICAN WARRIOR INC.

Flag Points

t (Min.)	P (PSig)
A: 0.00	2868.90
B: 0.00	45.90
C: 29.00	46.66
D: 62.00	1967.43
E: 0.00	48.33
F: 56.50	63.36
G: 125.50	2032.14
H: 0.00	2823.58

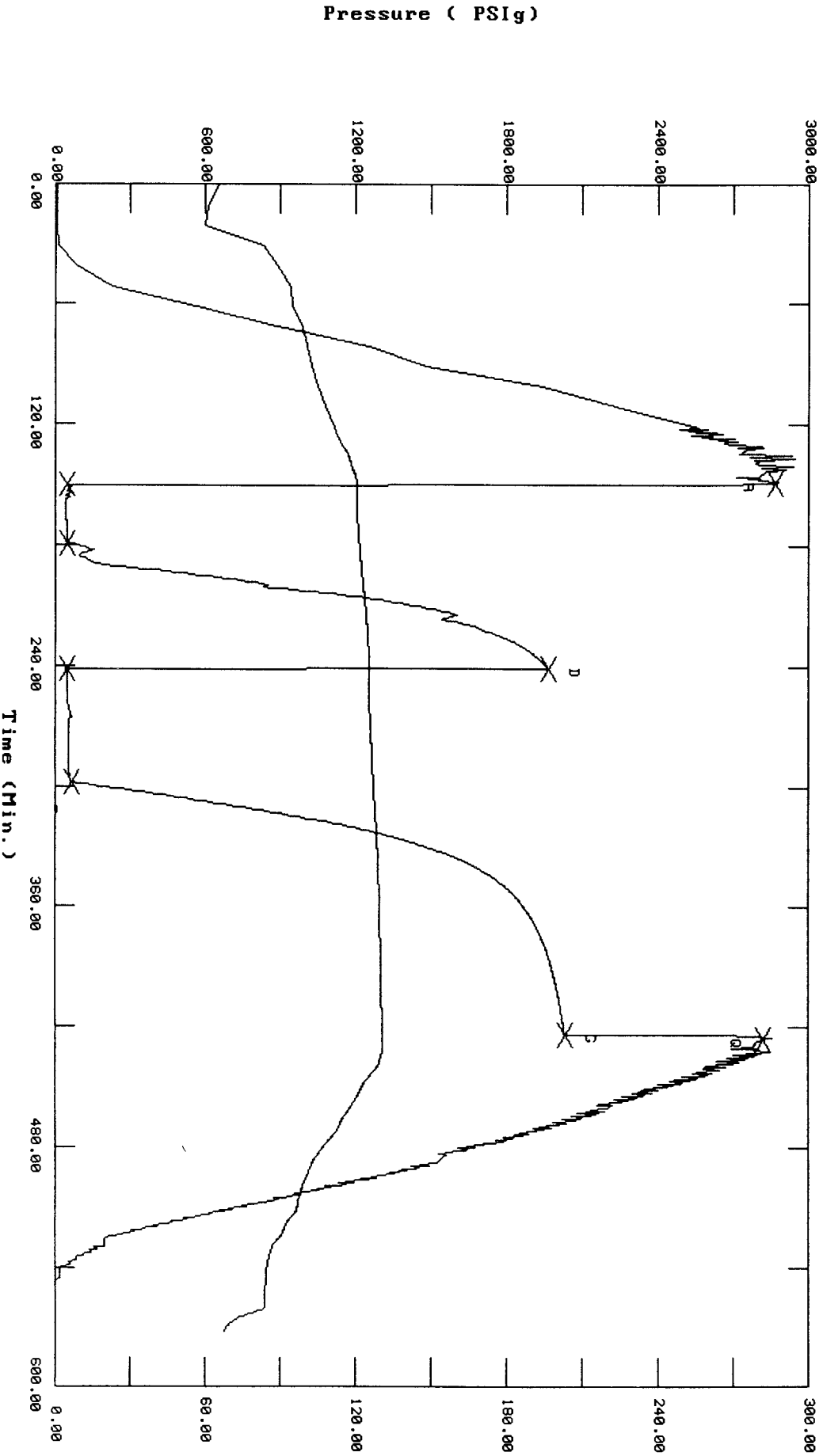
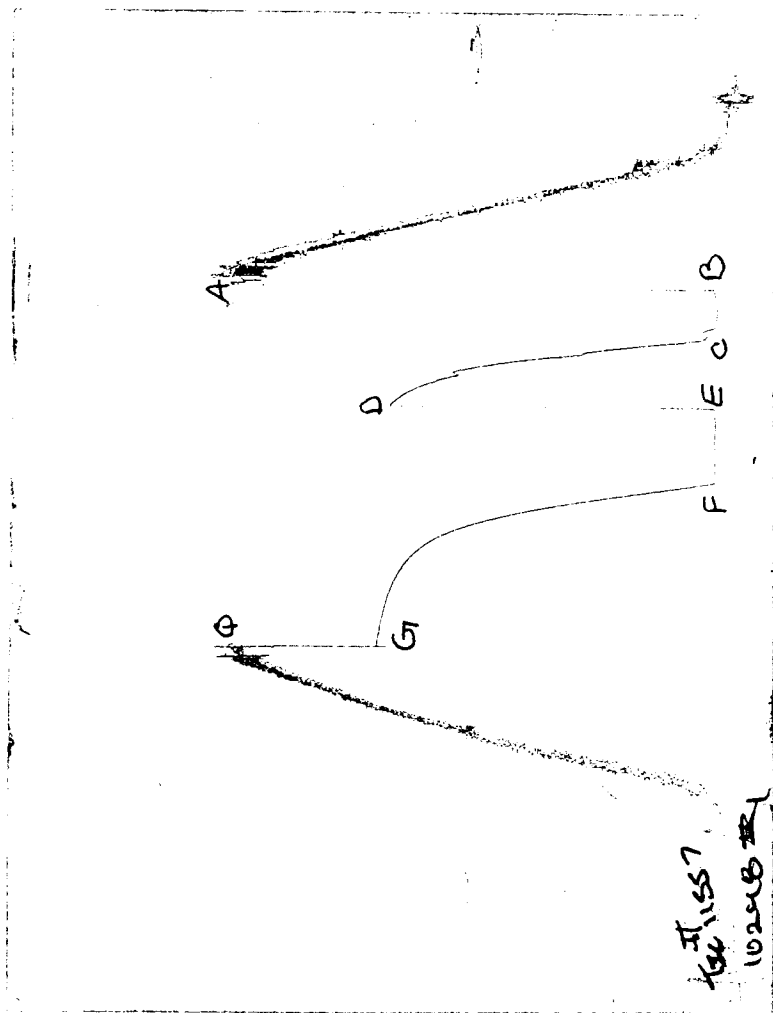


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11557

Well Name & No.	KERSTETTER 1-33	Test No.	1	Date	10-11-98
Company	AMERICAN WARRIOR INC.	Zone Tested	V26A		
Address	P.O. Box 399, GARDEN CITY KS. 67846-0399	Elevation	1938 KB 1925 GL		
Co. Rep / Geo.	AL BOWEN	Cont.	DUCE DRUG #7	Est. Ft. of Pay	9 Por. 12 %
Location: Sec.	33	Twp.	32S	Rge.	19W
				Co.	CERNANKE State KS
No. of Copies	5	Distribution Sheet (Y, N)	N	Turnkey (Y, N)	
				Evaluation (Y, N)	

Interval Tested 5838 - 5900' Initial Str Wt./Lbs. 96,000 Unseated Str Wt./Lbs. 94,500
Anchor Length 62' Wt. Set Lbs. 29,000 Wt. Pulled Loose/Lbs. 106,000
Top Packer Depth 5833' Tool Weight 2,100 #
Bottom Packer Depth 5838' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
Total Depth 5900' Wt. Pipe Run None Drill Collar Run 350'
Mud Wt. 9.1 LCM 6# Vis. 49 WL 9.6 cc. Drill Pipe Size 4 1/2" x H. Ft. Run 5488'
Blow Description IF: Fair to strong blow. Btm. of punch in 10 mins.
ISI: Fair to strong blow. (BOB)
FF: Strong blow. Btm. of punch in 5-10 secs
FSI: Weak blow. (1/4-1/2")

Recovery — Total Feet 62' Fluid GIP 1,295 Ft. in DC 62' Ft. in DP ~
Rec. 62' Feet Of Curry Mud. %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. _____ Feet Of _____ %gas %oil %water %mud
BHT 131 °F Gravity N/A °API D@ ~ °F Corrected Gravity N/A °API
RW N.C. @ ~ °F Chlorides 4,000 ppm Recovery Chlorides 4,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	2922	2869	alp.	2342	3205
(B) First Initial Flow Pressure	114	46	PSI	(depth) 5848'	T-Started 2317
(C) First Final Flow Pressure	114	47	PSI	Recorder No. 10248	T-Open 0.47
(D) Initial Shut-In Pressure	2010	1967	PSI	(depth) 5997'	T-Pulled 06.19
(E) Second Initial Flow Pressure	114	48	PSI	Recorder No. ~	T-Out 0845
(F) Second Final Flow Pressure	119	63	PSI	(depth) ~	T-Off Location 1002
(G) Final Shut-in Pressure	2074	2032	PSI	Initial Opening 30	Test ✓ 800 ⁰⁰
(Q) Final Hydrostatic Mud	2878	2824	PSI	Initial Shut-in 60	Jars ✓ 200 ⁰⁰
				Final Flow 60	Safety Joint ✓ 50 ⁰⁰
				Final Shut-in 120	Straddle _____
					Circ. Sub _____
					Sampler _____
					Extra Packer _____
					Elec. Rec. ✓ 150 ⁰⁰
					Mileage _____
					Other _____
					TOTAL PRICE \$ ✓ 1200 ⁰⁰

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Al Bowen

Our Representative _____