Well Name:	Packard #4-23
Company:	Prairie Resources Inc.
Location:	23-31s-13w
	Barber county Kansas
Date:	11-16-99

TRILOBITE TESTING L.L.C.

OPERATOR : Prairie Res. Inc. DATE 11-8-99
WELL NAME: Packard #4-23 KB 1588.00 ft TICKET NO: 11146 DST #1
LOCATION : 23-31s-13w Barber co KS GR 1580.00 ft FORMATION: Swope
INTERVAL : 4030.00 To 4050.00 ft TD 4050.00 ft TEST TYPE: CONV

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	13754	13754	13248		
SI	60	Range(Psi)	4000.0	400.0	4250.0	0.0	0.0
SF	30	Clock(hrs)	12	12	12		
FS	60	Depth(ft)	4033.0	4033.0	4047.0	0.0	0.0

TIME DATA----------
PF Fr. 0532 to 0602 hr
IS Fr. 0602 to 0702 hr
SF Fr. 0702 to 0732 hr
FS Fr. 0732 to 0832 hr

	Field	1	2	3	4
A. Init Hydro	2006.0	1996.0	0.0	0.0	0.0
B. First Flow	39.0	37.0	0.0	0.0	0.0
B1. Final Flow	127.0	111.0	0.0	0.0	0.0
C. In Shut-in	1196.0	1191.0	0.0	0.0	0.0
D. Init Flow	147.0	150.0	0.0	0.0	0.0
E. Final Flow	216.0	206.0	0.0	0.0	0.0
F. Fl Shut-in	1186.0	1185.0	0.0	0.0	0.0
G. Final Hydro	1936.0	1928.0	0.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 0400 hr
T ON BOTM 0530 hr
T OPEN 0532 hr
T PULLED 0832 hr
T OUT 1015 hr

RECOVERY
Tot Fluid 382.00 ft of 0.00 ft in DC and 382.00 ft in DP
546.00 ft of Gas in pipe
72.00 ft of Gassy mud 10% gas 90% mud
310.00 ft of Water
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 210000.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	1000.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	50000.00 lbs
Initial Str Wt	42000.00 lbs
Unseated Str Wt	43000.00 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	0.00 ft
D.P. Length	4023.00 ft

BLOW DESCRIPTION
Initial Flow:
Strong bottom of bucket in 4 mins.
Initial Shut-in:
Bled off blow, blow came back and built to 1"
Final Flow:
Strong bottom of bucket in 11 mins.

MUD DATA----------

Mud Type	chemical
Weight	9.50 lb/cf
Vis.	42.00 S/L
W.L.	19.20 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	123.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Dan Bangle
Co. Rep.	Gordon Keen
Contr.	Duke
Rig #	2
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Packard #4-23

LOCATION : 23-31s-13w Barber co KS

TICKET No. 11146 D.S.T. No. 1 DATE 11-8-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS .....

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR .....

TOTAL TOOL .....

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY .....

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands Single Total

TOTAL DRILL COLLARS DRILL PIPE & TOOLS ..

TOTAL DEPTH .....

TOTAL DRILL PIPE ABOVE K.B. .....

REMARKS:

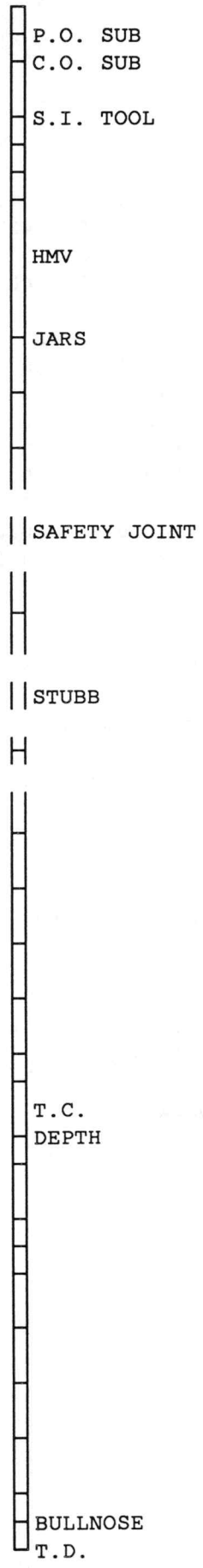
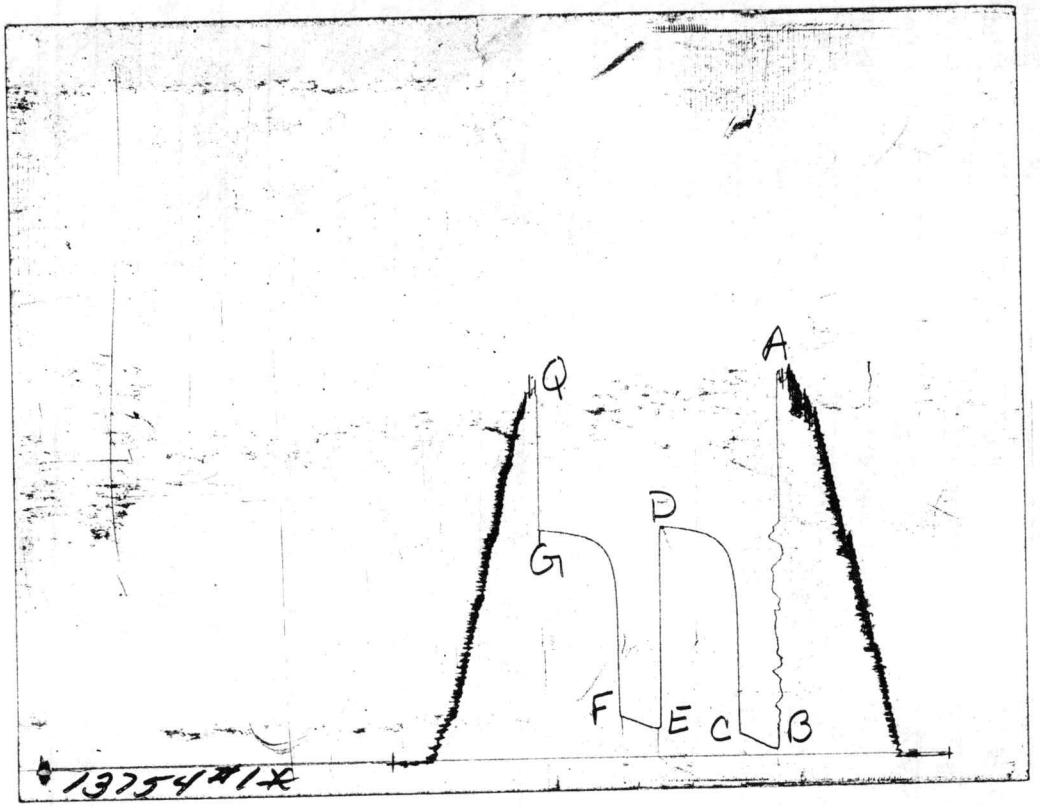


CHART PAGE



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

№ 11146

Well Name & No. Packard #4-23 Test No. 1 Date 11-8-99

Company Prairie Res, Inc. Zone Tested Swope

Address 1016 Amanda Pines Dr. Parker, Colo. 80138 Elevation 1588 KB 1580 GL

Co. Rep / Geo. Gordon Keen Cont. Duke #2 Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 23 Twp. 31 Rge. 13 Co. Barber State Ks

No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) ____ Evaluation (Y, N) ____

Interval Tested 4030 - 4050 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 43,000

Anchor Length 20' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 50,000

Top Packer Depth 4025 Tool Weight 1000

Bottom Packer Depth 4030 Hole Size — 7 7/8" ____ Rubber Size — 6 3/4" ____

Total Depth 4050 Wt. Pipe Run ____ Drill Collar Run ____

Mud Wt. 9.5 LCM ____ Vis. 42 WL 19.2 Drill Pipe Size 4.5XH Ft. Run 4023

Blow Description I.F. Strong - B.O.B. in 4 min.
I.S.I. - Bled off blow - blow came back and built to 1"
F.F. Strong - B.O.B. in 11 min.

Recovery — Total Feet 382 GIP 546 Ft. in DC ____ Ft. in DP 382

Rec. 72	Feet Of Gsy Mud	10 %gas	%oil	%water 90	%mud
Rec. 310	Feet Of WTR	%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 123 °F Gravity ____ °API D@ ____ °F Corrected Gravity ____ °API

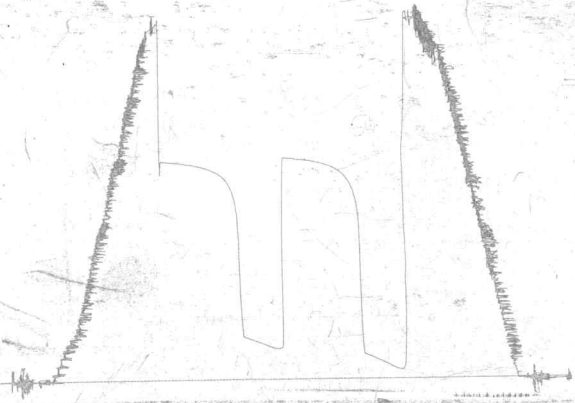
RW .104 @ 80 °F Chlorides 210,000 ppm Recovery Chlorides 3600 ppm System

(A) Initial Hydrostatic Mud	2006 PSI	Recorder No.	13754	T-Started	04:00
(B) First Initial Flow Pressure	39 PSI	(depth)	4033	T-Open	05:32
(C) First Final Flow Pressure	127 PSI	Recorder No.	13248	T-Pulled	08:32
(D) Initial Shut-in Pressure	1196 PSI	(depth)	4047	T-Out	10:15
(E) Second Initial Flow Pressure	147 PSI	Recorder No.	____		
(F) Second Final Flow Pressure	216 PSI	(depth)	____		
(G) Final Shut-in Pressure	1186 PSI	Initial Opening	30	Test	700
(H) Final Hydrostatic Mud	1936 PSI	Initial Shut-in	60	Jars X	200
		Final Flow	30	Safety Joint X	50
		Final Shut-in	60	Straddle	____
		____		Circ. Sub	____
		____		Sampler	____
				Extra Packer	____
				Elect. Rec.	____
				Other	____
				TOTAL PRICE $	950

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 Gordon W. Keen

Our Representative Dan Bangle



13248#1

Well Name Packard 4-23
DST Number 1
Recorder Number 13754

A:	2010	1996
B:	.038	37
C:	.113	111
D:	1.205	1191
E:	.163	150
F:	.210	206
G:	1.199	1185
Q:	1.942	1928