

WELL NAME: Kerstetter "2-33"
COMPANY: American Warrior
LOCATION: 33-32s-19w
Comanche co KS
DATE: 5/9/00

TRILOBITE TESTING L.L.C.

OPERATOR : American Warrior Inc.

DATE 5-4-00

WELL NAME: Kerstetter "2-33"

KB 1932.00 ft TICKET NO: 12559 DST #1

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

GR 1919.00 ft FORMATION: Arbuckle

INTERVAL : 6187.00 To 6300.00 ft

TD 6300.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	10242	10242				PF Fr. 2345 to 2400 hr
SI 30 Range(Psi)	4175.0	4175.0	0.0	0.0	0.0	IS Fr. 2400 to 0030 hr
SF 15 Clock(hrs)	12	12				SF Fr. 0030 to 0045 hr
FS 30 Depth(ft)	6200.0	6200.0	0.0	0.0	0.0	FS Fr. 0045 to 0115 hr

	Field	1	2	3	4	
A. Init Hydro	3268.0	3362.0	0.0	0.0	0.0	T STARTED 2345 hr
B. First Flow	1990.0	1999.0	0.0	0.0	0.0	T ON BOTM 2340 hr
B1. Final Flow	2203.0	2213.0	0.0	0.0	0.0	T OPEN 2345 hr
C. In Shut-in	2388.0	2401.0	0.0	0.0	0.0	T PULLED 0115 hr
D. Init Flow	2292.0	2301.0	0.0	0.0	0.0	T OUT 1030 hr
E. Final Flow	2367.0	2307.0	0.0	0.0	0.0	
F. Fl Shut-in	2390.0	2401.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	3212.0	3188.0	0.0	0.0	0.0	Tool Wt. 3300.00 lbs
Inside/Outside	0	0				Wt Set On Packer 23000.00 lbs
						Wt Pulled Loose 25000.00 lbs
						Initial Str Wt 83000.00 lbs
						Unseated Str Wt 105000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.80 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 528.00 ft
						D.P. Length 5660.00 ft

RECOVERY

Tot Fluid 4760.00 ft of 528.00 ft in DC and 4232.00 ft in DP

4760.00 ft of Salt water

0.00 ft of 100% water

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

SALINITY 85000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Strong bottom of bucket in 40 seconds

Cracked 2".

Initial Shut-In:

No blow back.

Final Flow:

Strong bottom of bucket in 40 seconds

Cracked 2". Decreased slightly in 15 minutes.

Final Shut-In:

No blow back.

SAMPLES:

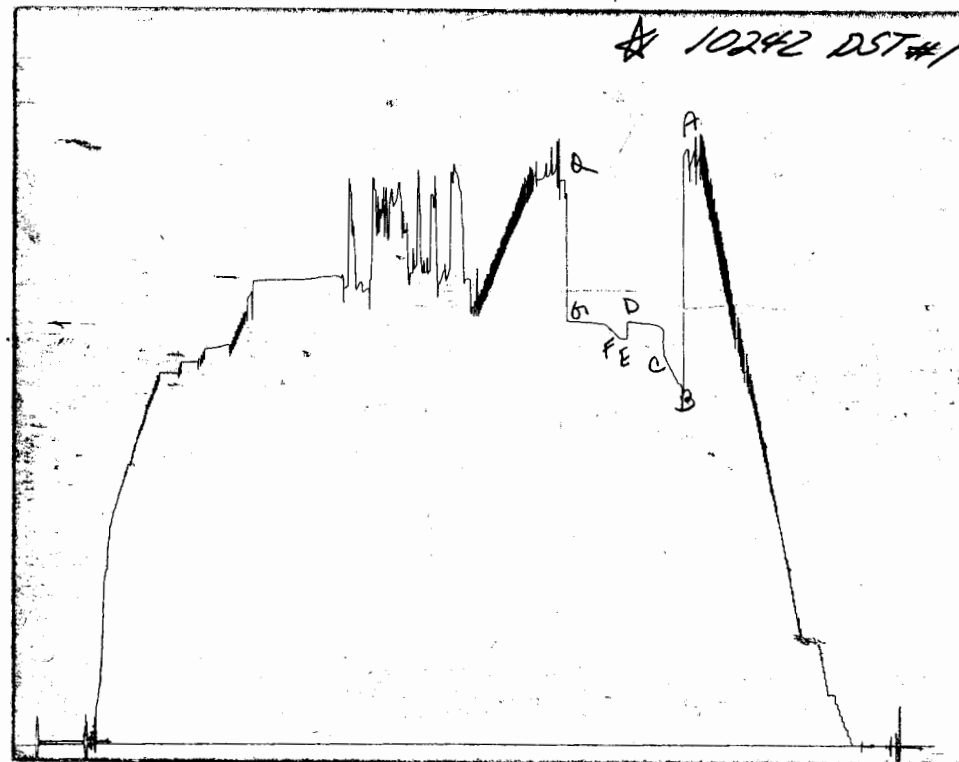
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.50 lb/cf
Vis.	50.00 S/L
W.L.	10.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	141.00 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	Lanny Saloga
Co. Rep.	Al Downing
Contr.	Duke
Rig #	7
Unit #	
Pump T.	

Test Successful: Y

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 12559

Well Name & No.	<u>Hearstetter "2-23"</u>	Test No.	<u>1</u>	Date	<u>5-4-00</u>
Company	<u>American Wacciar Inc.</u>	Zone Tested	<u>Arbuckle</u>		
Address	<u>P.O. Box 299 G.C. KS. 67846</u>	Elevation	<u>1932</u> KB	<u>1919</u> GL	
Co. Rep / Geo.	<u>Al Downing</u>	Cont.	<u>Duffe Rig 7</u>	Est. Ft. of Pay	<u>113</u> Por. <u>15</u> %
Location: Sec.	<u>23</u>	Twp.	<u>32S</u>	Rge.	<u>19W</u> Co. <u>Comanche</u> State <u>KS</u>
No. of Copies	<u>2</u>	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u>N</u> Evaluation (Y, N) <u></u>

Interval Tested	<u>6187-6300</u>	Initial Str Wt./Lbs.	<u>83,000</u>	Unseated Str Wt./Lbs.	<u>105,000</u>
Anchor Length	<u>113'</u> <u>Tol = 27'</u>	Wt. Set Lbs.	<u>23,000</u>	Wt. Pulled Loose/Lbs.	<u>25,000</u>
Top Packer Depth	<u>6182</u>	Tool Weight	<u>3,300</u>		
Bottom Packer Depth	<u>6182</u>	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	<u>6300</u>	Wt. Pipe Run	<u>—</u>	Drill Collar Run	<u>528</u>
Mud Wt.	<u>9.5</u> LCM <u>8#</u> Vis. <u>50</u> WL <u>10.0</u>	Drill Pipe Size	<u>4 1/2 XH</u>	Ft. Run	<u>5660 28' 1/2</u>

Blow Description Strong ORR in 40 sec. Cracked 2" I.F.P.
No blow-back. I.S.I.P.
Strong ORR in 40 sec. Cracked 2". Decreased slightly in 15 min. F.F.P.
No blow-back. F.S.I.P.

Recovery — Total Feet	<u>4,760</u>	GIP	<u>0</u>	Ft. in DC	<u>528</u>	Ft. in DP	<u>4,232</u>
Rec.	<u>4,760</u>	Feet Of	<u>Salt Water</u>	%gas	%oil	<u>100</u> %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 141 °F Gravity — °API D@ — °F Corrected Gravity — °API
RW 0.12 @ 54 °F Chlorides 85,000 ppm Recovery Chlorides 24,000 ppm System

10242 AK-1 Alpine

(A) Initial Hydrostatic Mud	<u>3268</u>	PSI Recorder No.	<u>10242</u>	T-On Location	<u>7:30 P.M.</u>
(B) First Initial Flow Pressure	<u>1990</u>	PSI (depth)	<u>6200</u>	T-Started	<u>9:30 P.M.</u>
(C) First Final Flow Pressure	<u>2203</u>	PSI Recorder No.	<u>12630</u>	T-Open	<u>11:45 P.M.</u>
(D) Initial Shut-In Pressure	<u>2388</u>	PSI (depth)	<u>6297</u>	T-Pulled	<u>1:15 A.M.</u>
(E) Second Initial Flow Pressure	<u>2292</u>	PSI Recorder No.	<u>—</u>	T-Out	<u>10:30 A.M.</u>
(F) Second Final Flow Pressure	<u>2367</u>	PSI (depth)	<u>—</u>	T-Off Location	<u>—</u>
(G) Final Shut-in Pressure	<u>2390</u>	PSI Initial Opening	<u>15</u>	Test	<u>900</u> ✓
(Q) Final Hydrostatic Mud	<u>3212</u>	PSI Initial Shut-in	<u>30</u>	Jars	<u>200</u> ✓

Final Flow 15 Safety Joint 50 ✓
Final Shut-in 30

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Approved By [Signature]

Our Representative [Signature]

Straddle —
Circ. Sub 35 ✓ Reverse
Sampler —
Extra Packer —
Elec. Rec. —
Mileage —
Other 1204 Hrs. ✓
TOTAL PRICE \$ 4,305.00

Well Name Kerstetter
DST Number 1
Recorder Number 10242

A:	<u>3.212</u>	<u>3362</u>
B:	<u>1.886</u>	<u>1999</u>
C:	<u>2.095</u>	<u>2213</u>
D:	<u>2.280</u>	<u>2401</u>
E:	<u>2.182</u>	<u>2301</u>
F:	<u>2.188</u>	<u>2307</u>
G:	<u>2.280</u>	<u>2401</u>
Q:	<u>3.045</u>	<u>3188</u>