

15-179-21103

WELL NAME:	Haffner #3
COMPANY:	A&A Production
LOCATION:	5-10s-26w Sheridan co Kansas
DATE:	8/16/00

TRILOBITE TESTING L.L.C.

OPERATOR : A&A Production

DATE 8-15-00

WELL NAME: Haffner #3

KB 0.00 ft

TICKET NO: 13163 DST #1

LOCATION : 5-10s-26w Sheridan co KS

GR 0.00 ft

FORMATION: LCK J-L

INTERVAL : 3960.00 To 4094.00 ft

TD 4094.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13308	13308				PF Fr. 1415 to 1445 hr
SI 30 Range(Psi)	4700.0	4700.0	0.0	0.0	0.0	IS Fr. 1445 to 1515 hr
SF 15 Clock(hrs)	12	12				SF Fr. 1515 to 1530 hr
FS 0 Depth(ft)	4091.0	4091.0	0.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2104.0	2092.0	0.0	0.0	0.0	T STARTED 1230 hr
B. First Flow	85.0	98.0	0.0	0.0	0.0	T ON BOTM 1410 hr
B1. Final Flow	85.0	94.0	0.0	0.0	0.0	T OPEN 1415 hr
C. In Shut-in	513.0	506.0	0.0	0.0	0.0	T PULLED 1530 hr
D. Init Flow	109.0	104.0	0.0	0.0	0.0	T OUT 1800 hr
E. Final Flow	109.0	109.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2057.0	2008.0	0.0	0.0	0.0	Tool Wt. 2500.00 lbs
Inside/Outside	0	0				Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 42000.00 lbs
						Initial Str Wt 36000.00 lbs
						Unseated Str Wt 36000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3951.00 ft
						H.W. I.D 2.70 in

RECOVERY

Tot Fluid 65.00 ft of 0.00 ft in DC and 0.00 ft in DP
 65.00 ft of Mud
 0.00 ft of 100% 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
 0.00 ft of
 SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.60 lb/c:
Vis.	45.00 S/L
W.L.	0.00 in3
F.C.	0.00 in
Mud Drop	

BLOW DESCRIPTION

Initial Flow:
 Surface blow died in 13 minutes.
 Final Flow:
 No blow- Flushed tool. Blow died in 15 minutes.

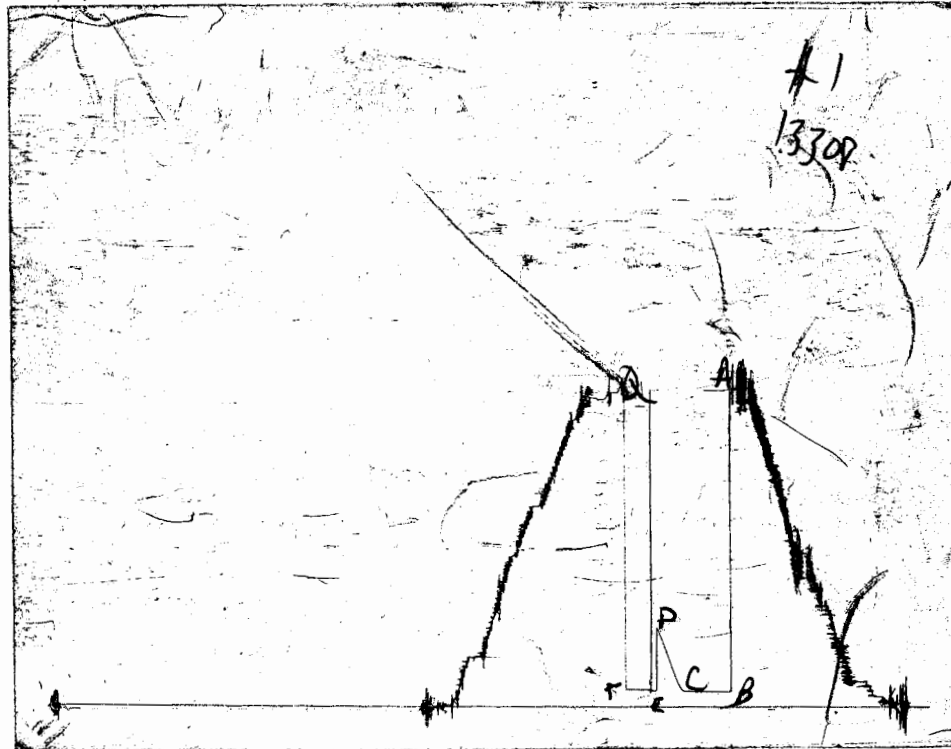
Amt. of fill	0.00 ft
Btm. H. Temp.	108.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Paul Simpson
Co. Rep.	Ron Nelson
Contr.	A&A Production
Rig #	
Unit #	
Pump T.	

SAMPLES:

SENT TO:

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

Nº 13163

Test Ticket

Well Name & No. <u>Haffner #3</u>	Test No. <u>1</u>	Date <u>8-15-00</u>
Company <u>A & A Production</u>	Zone Tested <u>LKC S-2</u>	
Address <u>PO Box 100 Hill City, KS 67642</u>	Elevation _____	KB _____ GL _____
Co. Rep / Geo. <u>Ran Neken</u>	Cont. <u>A & A Production</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>5</u> Twp. <u>10S</u>	Rge. <u>26W</u>	Co. <u>Sheridan</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>3960 - 4094</u>	Initial Str Wt./Lbs. <u>36,000</u>	Unseated Str Wt./Lbs. <u>36,000</u>
Anchor Length <u>134</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>42,000</u>
Top Packer Depth <u>3955</u>	Tool Weight <u>2500</u>	
Bottom Packer Depth <u>3960</u>	Hole Size — 7 7/8" _____	Rubber Size — 6 3/4" _____
Total Depth <u>4094</u>	Wt. Pipe Run _____	Drill Collar Run _____
Mud Wt. <u>9.6</u> LCM _____ Vis. <u>45</u> WL _____	Drill Pipe Size <u>4 1/2 FH</u>	Ft. Run <u>3951</u>
Blow Description <u>surface blow died in 13 minutes</u>		

FS - no blow - flush tool blow died in 15 min

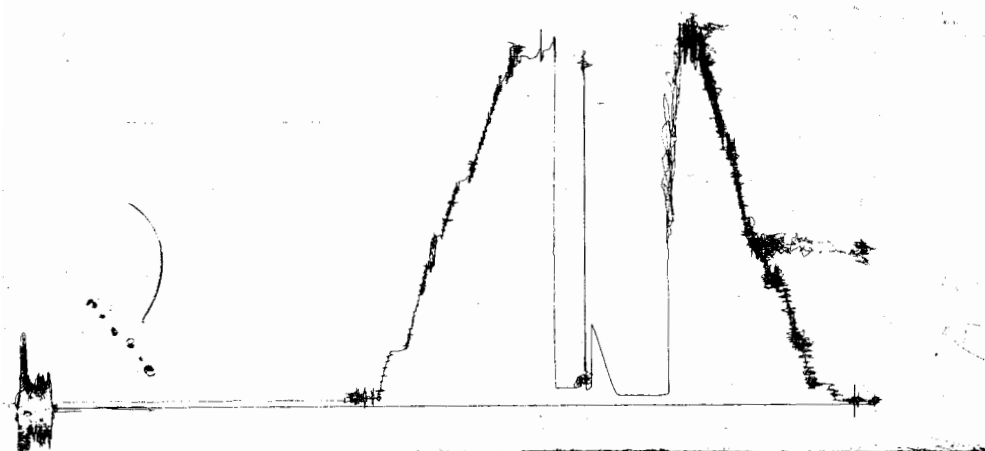
Recovery — Total Feet <u>65</u>	GIP _____	Ft. in DC _____	Ft. in DP <u>65</u>
Rec. <u>65</u> Feet Of <u>mud</u>	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT <u>108</u> °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery	Chlorides _____ ppm System	

(A) Initial Hydrostatic Mud <u>2104</u>	AK-1	Alpine	PSI Recorder No. <u>11084</u>	T-On Location <u>1150</u>
(B) First Initial Flow Pressure <u>85</u>			PSI (depth) <u>3965</u>	T-Started <u>1230</u>
(C) First Final Flow Pressure <u>85</u>			PSI Recorder No. <u>13308</u>	T-Open <u>1415</u> 5.30
(D) Initial Shut-In Pressure <u>513</u>			PSI (depth) <u>4091</u>	T-Pulled <u>1500</u>
(E) Second Initial Flow Pressure <u>109</u>			PSI Recorder No. _____	T-Out <u>1800</u>
(F) Second Final Flow Pressure <u>109</u>			PSI (depth) _____	T-Off Location <u>1840</u>
(G) Final Shut-in Pressure _____			PSI Initial Opening <u>30</u>	Test <u>650</u>
(Q) Final Hydrostatic Mud <u>2057</u>			PSI Initial Shut-in <u>30</u>	Jars _____
			Final Flow <u>15</u>	Safety Joint _____
			Final Shut-in _____	Straddle _____
				Circ. Sub _____
				Sampler _____
				Extra Packer _____
				Elec. Rec. _____
				Mileage <u>62</u> Hwy <u>62</u>
				Other _____
				TOTAL PRICE \$ <u>712</u>

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 [Signature]

Our Representative [Signature]



Well Name Hallner
DST Number 1
Recorder Number 13308

A:	<u>1.770</u>	<u>2092</u>
B:	<u>.081</u>	<u>98</u>
C:	<u>.078</u>	<u>94</u>
D:	<u>424</u>	<u>506</u>
E:	<u>.086</u>	<u>104</u>
F:	<u>.090</u>	<u>109</u>
G:	<u>.090</u>	<u></u>
Q:	<u>1.682</u>	<u>1988</u>