15-151-22142

11-29s-14w

WELL NAME:	Bass #1-11
OPERATOR:	Kenneth S. White
LOCATION:	Sec 11 Rge 29S Twp 14W Pratt County Kansas
DATE:	03/11/96

TRILOBITE TESTING L.L.C.

OPERATOR : Kenneth S. White — DATE 3-10-96
WELL NAME: Bass #1-11 — KB 1998.00 ft — TICKET NO: 8940 — DST #1
LOCATION : 11-29S-14W, Pratt Cty KS — GR 1993.00 ft — FORMATION: Simpson
INTERVAL : 4550.00 To 4570.00 ft — TD 4570.00 ft — TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10248	10248	2351		
SI 45	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF 26	Clock(hrs)	AK-1	AK-1	ALPIN		
FS 30	Depth(ft)	4567.0	4567.0	4555.0	0.0	0.0

TIME DATA----------
PF Fr. 0210 to 0240 hr
IS Fr. 0240 to 0325 hr
SF Fr. 0325 to 0351 hr
FS Fr. 0351 to 0421 hr

	Field	1	2	3	4
A. Init Hydro	2184.0	2171.0	2252.0	0.0	0.0
B. First Flow	25.0	23.0	25.0	0.0	0.0
B1. Final Flow	25.0	24.0	26.0	0.0	0.0
C. In Shut-in	32.0	32.0	32.0	0.0	0.0
D. Init Flow	21.0	21.0	20.0	0.0	0.0
E. Final Flow	28.0	25.0	30.0	0.0	0.0
F. Fl Shut-in	48.0	51.0	51.0	0.0	0.0
G. Final Hydro	2184.0	2182.0	2247.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 2340 hr
T ON BOTM 0208 hr
T OPEN 0210 hr
T PULLED 0421 hr
T OUT 0635 hr

RECOVERY
Tot Fluid 20.00 ft of 20.00 ft in DC and 0.00 ft in DP
20.00 ft of Mud w/ good oil scum at top of tool

4.00 ft of Pay (est)

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

Tool Wt.	2000.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	50000.00 lbs
Initial Str Wt	43000.00 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	240.00 ft
D.P. Length	4299.00 ft

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

BLOW DESCRIPTION
Initial Flow -
Weak blow, .5"

Final Flow -
No blow, flushed tool 22 min into final flow

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

Mud Type	CHEMICAL
Weight	9.20 lb/c
Vis.	44.00 S/L
W.L.	10.40 in3
F.C.	0.20 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	119.00 F
Hole Condition	GOOD
% Porosity	9.00
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.	TOM ROBINSON
Contr.	PICKRELL DRLG.
Rig #	1
Unit #	
Pump T.	

SAMPLES:
SENT TO:

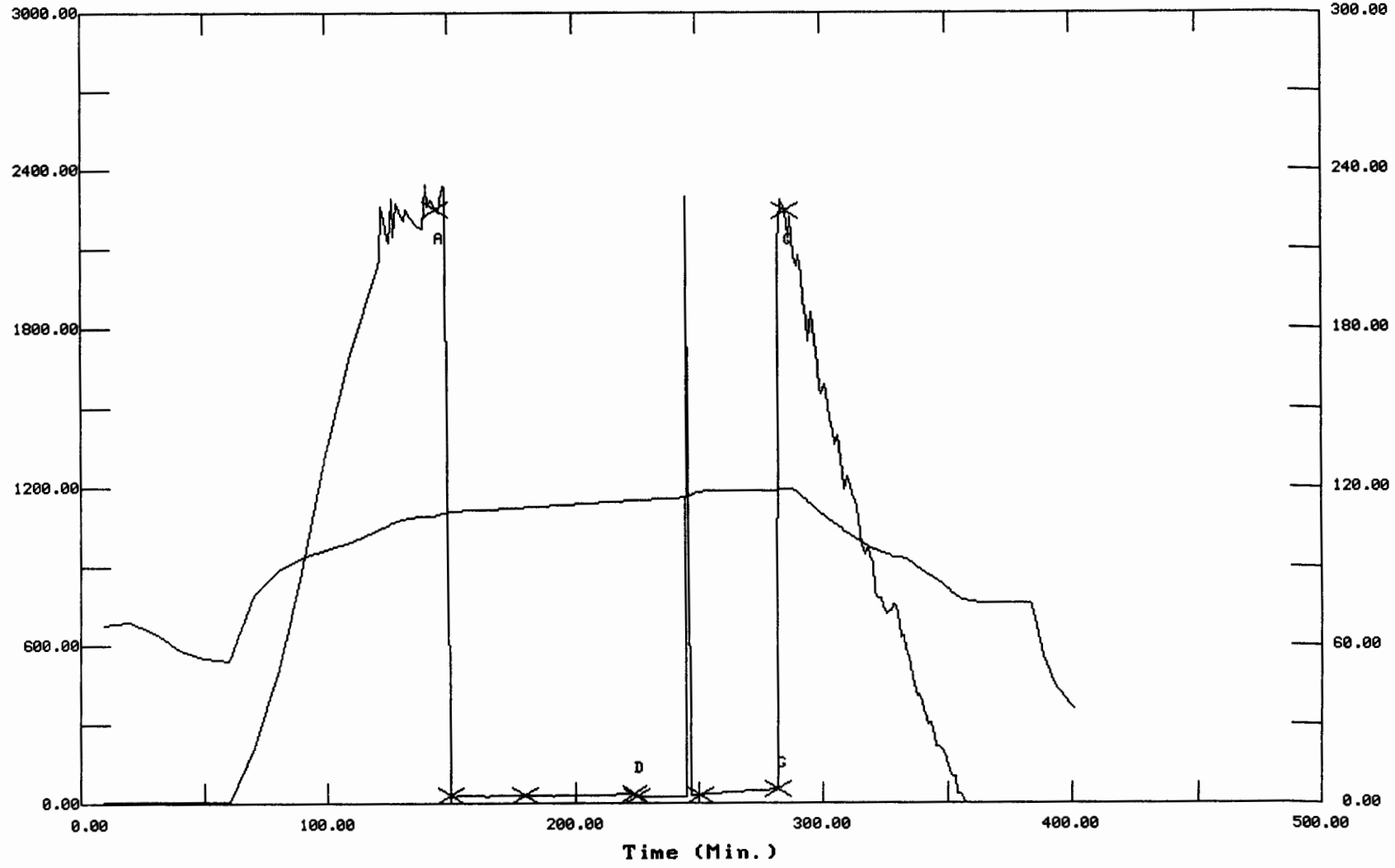
Test Successful: Y

TEST HISTORY

8940 DST#1 BASS#1-11 KENNETH S.WHITE

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2252.03
B:	0.00	25.34
C:	30.00	26.09
D:	44.00	32.47
E:	0.00	20.05
F:	26.00	29.70
G:	31.00	50.77
Q:	0.00	2247.33



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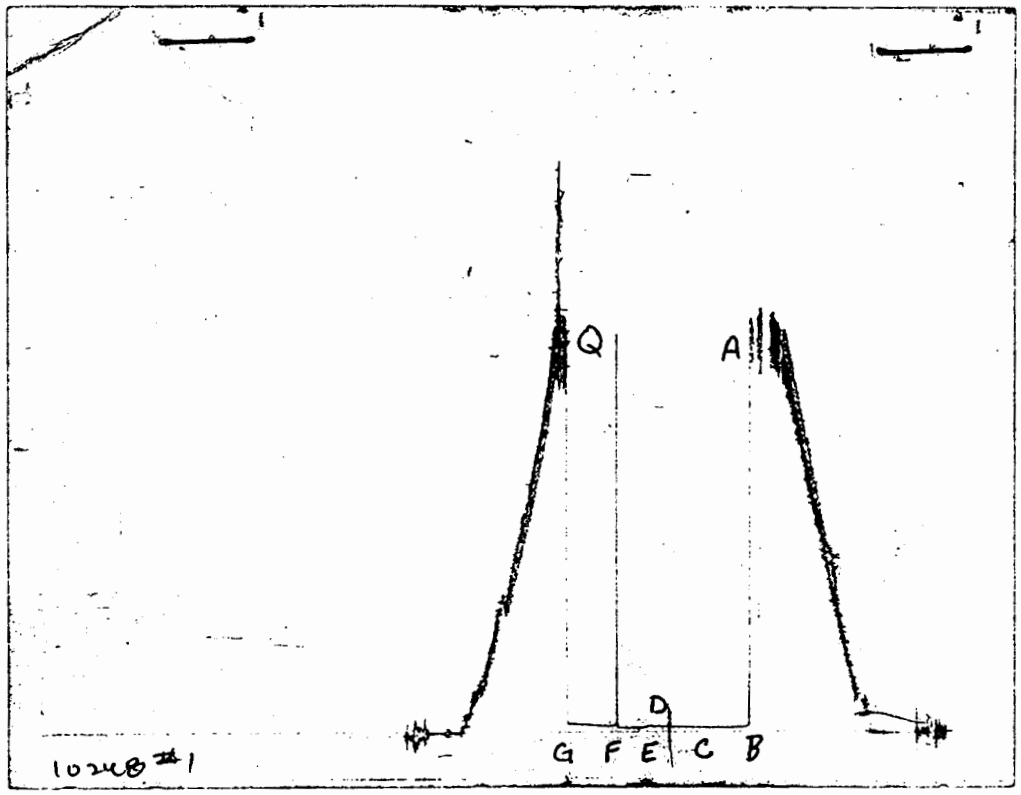


This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8940 DST#1 BASS#1-11 KENNETH S.WHITE

DATE: 03/09/96 TIME: 23:40:28

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	145.00	2252.0	0.0	109.63		
***** Start Flow 1	0.00	25.3	0.0	110.67		
	1.00	24.2	-1.1	110.88		
	2.00	24.6	-0.8	111.01		
	3.00	25.3	0.0	111.11		
	4.00	25.2	-0.2	111.16		
	5.00	25.6	0.3	111.20		
	6.00	26.1	0.8	111.23		
	7.00	26.3	1.0	111.26		
	8.00	26.6	1.3	111.29		
	9.00	25.8	0.5	111.32		
	10.00	26.2	0.8	111.35		
	11.00	26.3	1.0	111.38		
	12.00	26.7	1.3	111.42		
	13.00	26.8	1.5	111.45		
	14.00	23.7	-1.6	111.49		
	15.00	24.4	-0.9	111.53		
	16.00	24.8	-0.6	111.57		
	17.00	25.0	-0.3	111.62		
	18.00	25.2	-0.2	111.67		
	19.00	25.5	0.2	111.72		
	20.00	25.7	0.3	111.77		
	21.00	25.8	0.5	111.82		
	22.00	26.2	0.8	111.88		
	23.00	26.3	0.9	111.93		
	24.00	26.5	1.2	111.99		
	25.00	24.8	-0.5	112.05		
	26.00	25.1	-0.3	112.10		
	27.00	25.3	0.0	112.16		
	28.00	25.7	0.3	112.23		
	29.00	25.9	0.6	112.29		
***** End Flow 1	30.00	26.1	0.8	112.35		
***** Start Shutin 1	0.00	26.1	0.0	112.35	0.0000	0.001
	1.00	26.3	0.3	112.41	31.0000	0.001
	2.00	26.4	0.3	112.47	16.0000	0.001
	3.00	26.6	0.5	112.54	11.0000	0.001
	4.00	26.8	0.8	112.60	8.5000	0.001
	5.00	27.1	1.0	112.66	7.0000	0.001
	6.00	27.3	1.2	112.72	6.0000	0.001
	7.00	27.5	1.4	112.79	5.2857	0.001
	8.00	27.7	1.6	112.86	4.7500	0.001
	9.00	27.9	1.8	112.92	4.3333	0.001
	10.00	28.2	2.1	112.97	4.0000	0.001
	11.00	24.4	-1.7	113.05	3.7273	0.001
	12.00	24.7	-1.4	113.11	3.5000	0.001
	13.00	24.8	-1.3	113.17	3.3077	0.001
	14.00	25.2	-0.9	113.23	3.1429	0.001
	15.00	25.3	-0.8	113.29	3.0000	0.001
	16.00	25.5	-0.6	113.36	2.8750	0.001
	17.00	25.8	-0.3	113.42	2.7647	0.001
	18.00	25.9	-0.2	113.48	2.6667	0.001

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8940 DST#1 BASS#1-11 KENNETH S.WHITE

DATE: 03/09/96 TIME: 23:40:28

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	19.00	26.2	0.1	113.54	2.5789	0.001
	20.00	26.5	0.4	113.61	2.5000	0.001
	21.00	26.7	0.6	113.67	2.4286	0.001
	22.00	26.9	0.8	113.73	2.3636	0.001
	23.00	27.2	1.1	113.79	2.3043	0.001
	24.00	27.4	1.3	113.85	2.2500	0.001
	25.00	27.7	1.6	113.91	2.2000	0.001
	26.00	27.9	1.8	113.97	2.1538	0.001
	27.00	28.3	2.2	114.02	2.1111	0.001
	28.00	28.5	2.4	114.08	2.0714	0.001
	29.00	28.9	2.8	114.15	2.0345	0.001
	30.00	29.0	2.9	114.20	2.0000	0.001
	31.00	29.4	3.3	114.27	1.9677	0.001
	32.00	29.6	3.5	114.33	1.9375	0.001
	33.00	29.9	3.8	114.38	1.9091	0.001
	34.00	30.0	3.9	114.44	1.8824	0.001
	35.00	30.3	4.2	114.50	1.8571	0.001
	36.00	30.6	4.5	114.56	1.8333	0.001
	37.00	30.9	4.8	114.61	1.8108	0.001
	38.00	31.0	5.0	114.67	1.7895	0.001
	39.00	31.4	5.3	114.73	1.7692	0.001
	40.00	31.6	5.5	114.78	1.7500	0.001
	41.00	31.8	5.7	114.83	1.7317	0.001
	42.00	32.1	6.0	114.89	1.7143	0.001
	43.00	32.3	6.2	114.95	1.6977	0.001
****** End Shut-in 1	44.00	32.5	6.4	115.00	1.6818	0.001
****** Start Flow 2	0.00	20.1	0.0	115.05		
	1.00	20.5	0.4	115.11		
	2.00	20.7	0.7	115.16		
	3.00	21.1	1.1	115.21		
	4.00	21.4	1.3	115.27		
	5.00	21.7	1.7	115.32		
	6.00	22.1	2.0	115.37		
	7.00	22.3	2.3	115.42		
	8.00	22.6	2.5	115.47		
	9.00	22.7	2.6	115.53		
	10.00	20.7	0.7	115.58		
	11.00	21.1	1.1	115.62		
	12.00	21.4	1.3	115.68		
	13.00	21.7	1.7	115.73		
	14.00	22.1	2.0	115.78		
	15.00	22.2	2.2	115.83		
	16.00	22.4	2.3	115.88		
	17.00	22.8	2.8	115.93		
	18.00	23.0	2.9	115.98		
	19.00	20.1	0.1	116.03		
	20.00	21.4	1.3	116.07		
	21.00	2296.8	2276.8	116.26		
	22.00	28.3	8.2	116.66		
	23.00	28.8	8.7	117.15		
	24.00	28.9	8.9	117.61		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8940 DST#1 BASS#1-11 KENNETH S.WHITE

DATE: 03/09/96 TIME: 23:40:28

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	25.00	29.2	9.1	117.97		
***** End Flow 2	26.00	29.7	9.7	118.22		
***** Start Shutin 2	0.00	29.7	0.0	118.22	0.0000	0.001
	1.00	30.6	0.9	118.40	57.0000	0.001
	2.00	31.4	1.7	118.52	29.0000	0.001
	3.00	32.3	2.6	118.59	19.6667	0.001
	4.00	33.0	3.3	118.62	15.0000	0.001
	5.00	33.8	4.1	118.62	12.2000	0.001
	6.00	34.6	4.9	118.61	10.3333	0.001
	7.00	35.3	5.6	118.60	9.0000	0.001
	8.00	35.9	6.2	118.58	8.0000	0.001
	9.00	36.7	7.0	118.55	7.2222	0.001
	10.00	37.3	7.6	118.52	6.6000	0.001
	11.00	38.0	8.3	118.50	6.0909	0.001
	12.00	38.8	9.1	118.49	5.6667	0.002
	13.00	39.4	9.7	118.46	5.3077	0.002
	14.00	40.1	10.4	118.45	5.0000	0.002
	15.00	40.7	11.0	118.45	4.7333	0.002
	16.00	41.5	11.7	118.43	4.5000	0.002
	17.00	42.1	12.4	118.43	4.2941	0.002
	18.00	42.8	13.1	118.43	4.1111	0.002
	19.00	43.4	13.7	118.43	3.9474	0.002
	20.00	44.1	14.4	118.43	3.8000	0.002
	21.00	44.7	15.0	118.44	3.6667	0.002
	22.00	45.3	15.6	118.45	3.5455	0.002
	23.00	45.9	16.2	118.46	3.4348	0.002
	24.00	46.6	16.9	118.48	3.3333	0.002
	25.00	47.2	17.5	118.49	3.2400	0.002
	26.00	47.7	18.0	118.51	3.1538	0.002
	27.00	48.3	18.6	118.53	3.0741	0.002
	28.00	48.9	19.2	118.54	3.0000	0.002
	29.00	49.6	19.9	118.57	2.9310	0.002
	30.00	50.3	20.6	118.59	2.8667	0.003
****** End Shut-in 2	31.00	50.8	21.1	118.62	2.8065	0.003
****** Final Hydro.	286.00	2247.3	0.0	119.26		

*** TOOL DIAGRAM *** CONV

WELL NAME: Bass #1-11

LOCATION : 11-29S-14W

TICKET No. 8940 D.S.T. No. 1 DATE 3-10-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 20

TOTAL TOOL 40

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 40

D.C. ABOVE TOOLS.Stands4 Single 0 Total 240

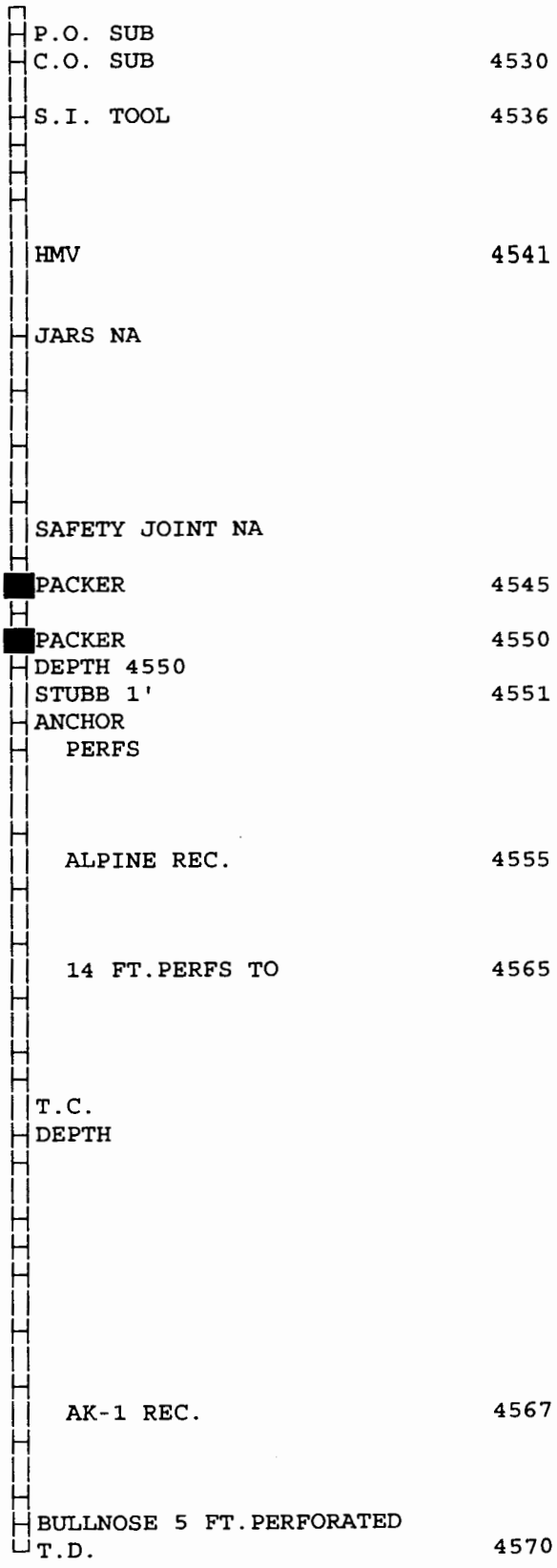
D.P. ABOVE TOOLS.Stands69 Single 1 Total 4299

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4579

TOTAL DEPTH 4570

TOTAL DRILL PIPE ABOVE K.B. 9

REMARKS:



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 8940

Well Name & No. Bass # 1-11 Test No. 1 Date 3-10-96

Company ~~Pickrell~~ Kenneth S. White Zone Tested Simpson

Address 200 E. First Suite 405 / Wichita Ks. 67202 Elevation 1998 KB 1993 GL

Co. Rep / Geo. Tom Robinson Cont. Pickrell Drlg. #1 Est. Ft. of Pay 4 Por. 9 %

Location: Sec. 11 Twp. 29S Rge. 14W Co. Pratt State Ks.

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

Interval Tested 4550 - 4570' Initial Str Wt./Lbs. 43,000 Unseated Str Wt./Lbs. 43,000

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

Top Packer Depth 4545' Hole Size — 7 7/8" ~ Rubber Size — 6 3/4" ~

Bottom Packer Depth 4550' Wt. Pipe I.D. — 2.7 Ft. Run None

Total Depth 4570' Drill Collar — 2.25 Ft. Run 240'

Mud Wt. 9.2 LCM ~ Vis. 44 WL 10.4 cc. Drill Pipe Size 4 1/2" X.H. Ft. Run 4299'

Blow Description IF: Weak blow. (1/2")

FF: No blow. Flushed Tool 22 minutes in to FF:

Recovery — Total Feet 20 Ft. in DC 20 Ft. in WP ~ Ft. in DP ~

Rec. 20	Feet Of Drlg. Mud.	%gas	%oil	%water	%mud
Rec.	Feet Of Good oil scum	%gas	%oil	%water	%mud
Rec.	Feet Of @ top of tool!	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 119 °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

(A) Initial Hydrostatic Mud	AK-1 2184	Alpine 2252 PSI	Recorder No. 10248	T-Started	2340
(B) First Initial Flow Pressure	25	25 PSI	@ (depth) 4567'	T-Open	0210
(C) First Final Flow Pressure	25	26 PSI	Desine Recorder No. 2351	T-Pulled	0421
(D) Initial Shut-in Pressure	32	32 PSI	@ (depth) 4555'	T-Out	0635
(E) Second Initial Flow Pressure	21	20 PSI	Recorder No. ~		
(F) Second Final Flow Pressure	28	30 PSI	@ (depth) ~		
(G) Final Shut-in Pressure	48	51 PSI	Initial Opening 30	Test	~ 600
(H) Final Hydrostatic Mud	2184	2288 PSI	Initial Shut-in 45	Jars	
			Final Flow 26	Safety Joint	
			Final Shut-in 30	Straddle	
			~	Circ. Sub	
			~	Sampler	
				Extra Packer	
				Elect. Rec.	~ 150
				Other	
				TOTAL PRICE $	~ 750.00

5

Approved By Tim W. Robinson

Our Representative Tom Robinson

TRILOBITE TESTING L.L.C.

OPERATOR : Kenneth S. White — DATE 3-10-96
WELL NAME: Bass #1-11 — KB 1998.00 ft — TICKET NO: 8941 — DST #2
LOCATION : 11-29S-14W, Pratt Cty KS — GR 1993.00 ft — FORMATION: Simpson
INTERVAL : 4558.00 To 4574.00 ft — TD 4574.00 ft — TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	15	Rec.	10248	10248	2351		
SI	30	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF	15	Clock(hrs)	AK-1	AK-1	ALPIN		
FS	30	Depth(ft)	4571.0	4571.0	4563.0	0.0	0.0

TIME DATA----------
PF Fr. 1426 to 1441 hr
IS Fr. 1441 to 1511 hr
SF Fr. 1511 to 1526 hr
FS Fr. 1526 to 1556 hr

	Field	1	2	3	4
A. Init Hydro	2252.0	2263.0	2275.0	0.0	0.0
B. First Flow	30.0	32.0	27.0	0.0	0.0
B1. Final Flow	32.0	34.0	31.0	0.0	0.0
C. In Shut-in	971.0	971.0	979.0	0.0	0.0
D. Init Flow	39.0	41.0	33.0	0.0	0.0
E. Final Flow	39.0	41.0	35.0	0.0	0.0
F. Fl Shut-in	813.0	817.0	830.0	0.0	0.0
G. Final Hydro	2239.0	2245.0	2258.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1247 hr
T ON BOTM 1423 hr
T OPEN 1426 hr
T PULLED 1557 hr
T OUT 1800 hr

RECOVERY
Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
5.00 ft of Mud w/ a few oil specks

6.00 ft of Pay (est)

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

Tool Wt.	2000.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	55000.00 lbs
Initial Str Wt	48000.00 lbs
Unseated Str Wt	48000.00 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	240.00 ft
D.P. Length	4330.00 ft

SALINITY 6000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Very weak surface blow

Final Flow -
No blow

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

Mud Type	CHEMICAL
Weight	9.10 lb/c
Vis.	54.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	111.00 F
Hole Condition	GOOD
% Porosity	10.00
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.	TOM ROBINSON
Contr.	PICKRELL DRLG.
Rig #	1
Unit #	
Pump T.	

SAMPLES:
SENT TO:

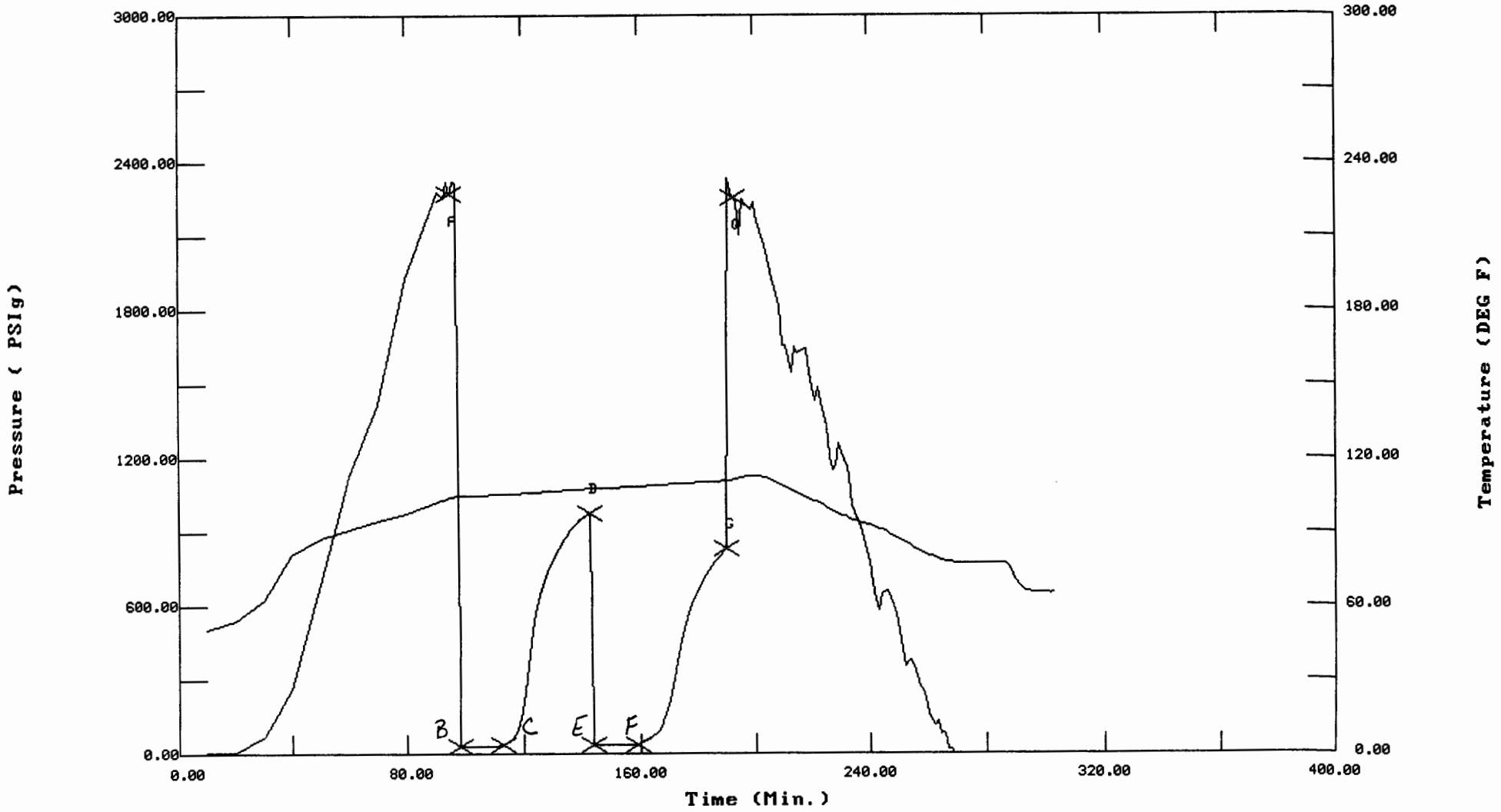
Test Successful: Y

TEST HISTORY

8941 DST#2 BASS#1-11 KENNETH S.WHITE

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2275.27
B:	0.00	26.93
C:	15.00	31.13
D:	30.00	978.67
E:	0.00	33.14
F:	15.00	35.16
G:	31.00	830.46
Q:	0.00	2258.15



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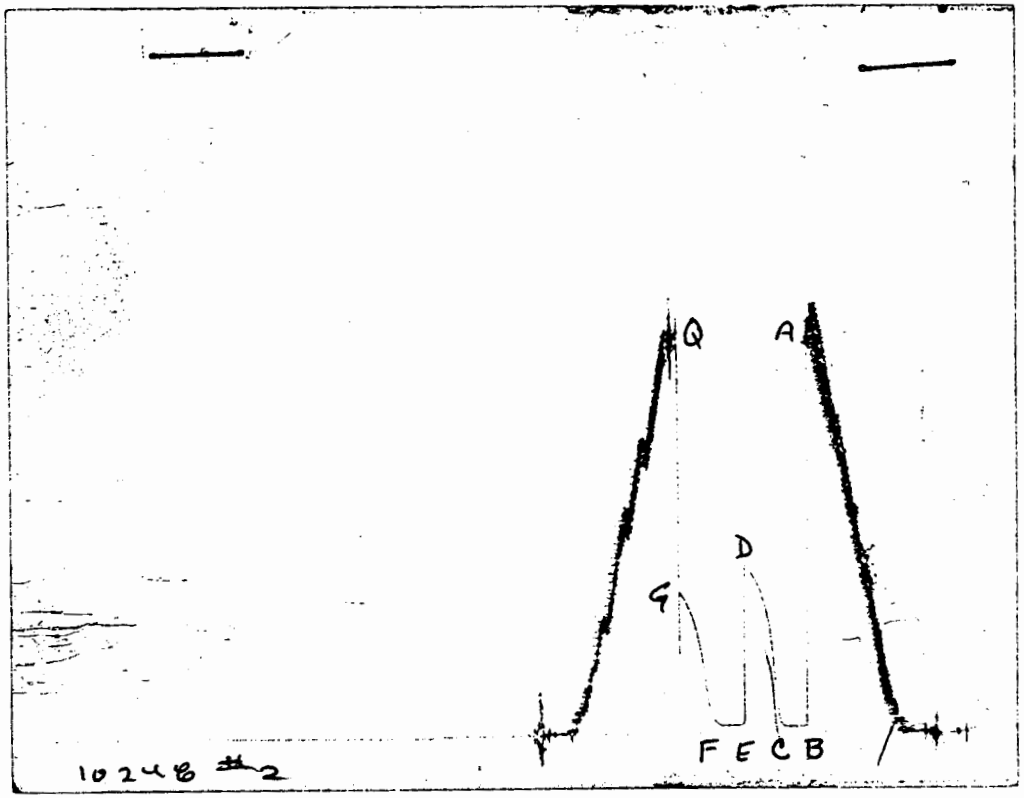


This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8941 DST#2 BASS#1-11 KENNETH S.WHITE

DATE: 03/10/96 TIME: 12:47:29

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	95.00	2275.3	0.0	104.06		
***** Start Flow 1	0.00	26.9	0.0	104.94		
	1.00	27.8	0.8	105.05		
	2.00	28.3	1.3	105.09		
	3.00	28.4	1.5	105.11		
	4.00	28.4	1.5	105.11		
	5.00	28.4	1.4	105.11		
	6.00	28.6	1.7	105.11		
	7.00	28.7	1.8	105.12		
	8.00	28.8	1.8	105.14		
	9.00	28.9	2.0	105.17		
	10.00	28.9	2.0	105.20		
	11.00	29.5	2.5	105.23		
	12.00	30.0	3.0	105.27		
	13.00	30.5	3.5	105.31		
	14.00	30.8	3.9	105.35		
***** End Flow 1	15.00	31.1	4.2	105.40		
***** Start Shutin 1	0.00	31.1	0.0	105.40	0.0000	0.001
	1.00	37.8	6.6	105.45	16.0000	0.001
	2.00	46.1	14.9	105.51	8.5000	0.002
	3.00	57.4	26.3	105.56	6.0000	0.003
	4.00	73.8	42.7	105.63	4.7500	0.005
	5.00	99.4	68.2	105.70	4.0000	0.01
	6.00	141.2	110.0	105.77	3.5000	0.020
	7.00	209.8	178.7	105.84	3.1429	0.044
	8.00	305.7	274.6	105.92	2.8750	0.093
	9.00	408.1	377.0	106.01	2.6667	0.167
	10.00	499.4	468.2	106.09	2.5000	0.249
	11.00	567.4	536.3	106.18	2.3636	0.322
	12.00	620.6	589.5	106.27	2.2500	0.385
	13.00	664.6	633.5	106.36	2.1538	0.442
	14.00	702.1	671.0	106.45	2.0714	0.493
	15.00	734.9	703.8	106.54	2.0000	0.540
	16.00	764.1	732.9	106.63	1.9375	0.584
	17.00	790.2	759.0	106.70	1.8824	0.624
	18.00	813.6	782.5	106.83	1.8333	0.662
	19.00	834.9	803.8	106.87	1.7895	0.697
	20.00	854.2	823.1	106.96	1.7500	0.730
	21.00	871.8	840.7	107.03	1.7143	0.760
	22.00	887.9	856.7	107.11	1.6818	0.788
	23.00	902.6	871.5	107.19	1.6522	0.815
	24.00	916.2	885.1	107.26	1.6250	0.839
	25.00	928.7	897.5	107.34	1.6000	0.862
	26.00	940.2	909.1	107.41	1.5769	0.884
	27.00	951.1	919.9	107.49	1.5556	0.905
	28.00	960.9	929.8	107.56	1.5357	0.923
	29.00	970.0	938.9	107.63	1.5172	0.941
***** End Shut-in 1	30.00	978.7	947.5	107.70	1.5000	0.958
***** Start Flow 2	0.00	33.1	0.0	107.74		
	1.00	33.4	0.3	107.78		
	2.00	33.6	0.4	107.82		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8941 DST#2 BASS#1-11 KENNETH S.WHITE

DATE: 03/10/96 TIME: 12:47:29

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	3.00	33.6	0.5	107.85		
	4.00	33.8	0.7	107.88		
	5.00	33.9	0.8	107.93		
	6.00	34.1	0.9	107.99		
	7.00	34.2	1.1	108.04		
	8.00	34.3	1.2	108.11		
	9.00	34.4	1.3	108.17		
	10.00	34.6	1.4	108.24		
	11.00	34.6	1.4	108.31		
	12.00	34.6	1.4	108.38		
	13.00	34.7	1.5	108.44		
	14.00	34.7	1.6	108.51		
****** End Flow 2	15.00	35.2	2.0	108.59		
****** Start Shutin 2	0.00	35.2	0.0	108.59	0.0000	0.001
	1.00	40.0	4.9	108.65	31.0000	0.002
	2.00	45.2	10.1	108.72	16.0000	0.002
	3.00	51.3	16.1	108.79	11.0000	0.003
	4.00	58.4	23.2	108.86	8.5000	0.003
	5.00	67.0	31.8	108.92	7.0000	0.004
	6.00	77.4	42.2	108.99	6.0000	0.006
	7.00	90.5	55.4	109.06	5.2857	0.008
	8.00	107.5	72.3	109.13	4.7500	0.012
	9.00	129.7	94.5	109.20	4.3333	0.017
	10.00	159.1	124.0	109.27	4.0000	0.025
	11.00	197.8	162.7	109.34	3.7273	0.039
	12.00	246.8	211.7	109.41	3.5000	0.061
	13.00	305.2	270.1	109.48	3.3077	0.093
	14.00	367.6	332.4	109.55	3.1429	0.135
	15.00	428.1	393.0	109.62	3.0000	0.183
	16.00	482.4	447.3	109.70	2.8750	0.233
	17.00	528.9	493.7	109.77	2.7647	0.280
	18.00	568.4	533.2	109.84	2.6667	0.323
	19.00	602.2	567.0	109.92	2.5789	0.363
	20.00	631.9	596.7	109.99	2.5000	0.399
	21.00	658.3	623.2	110.06	2.4286	0.433
	22.00	682.2	647.1	110.14	2.3636	0.465
	23.00	704.1	668.9	110.20	2.3043	0.496
	24.00	724.2	689.0	110.27	2.2500	0.524
	25.00	742.8	707.6	110.33	2.2000	0.552
	26.00	760.0	724.8	110.39	2.1538	0.578
	27.00	776.0	740.8	110.45	2.1111	0.602
	28.00	790.9	755.8	110.52	2.0714	0.626
	29.00	804.9	769.8	110.58	2.0345	0.648
	30.00	818.0	782.9	110.64	2.0000	0.669
****** End Shut-in 2	31.00	830.5	795.3	110.71	1.9677	0.690
****** Final Hydro.	193.00	2258.2	0.0	111.41		

*** TOOL DIAGRAM *** CONVENTIONAL

ELL NAME: Bass #1-11

OCATION : 11-29S-14W

ICKET No. 8941 D.S.T. No. 2 DATE 3-10-96

OTAL TOOL TO BOTTOM OF TOP PACKERS 20

NTERVAL TOOL .....

OTTOM PACKERS AND ANCHOR 16

OTAL TOOL 36

RILL COLLAR ANCHOR IN INTERVAL .....

.C. ANCHOR STND.Stands Single Total

).P. ANCHOR STND.Stands Single Total

OTAL ASSEMBLY 36

).C. ABOVE TOOLS.Stands4 Single 0 Total 240

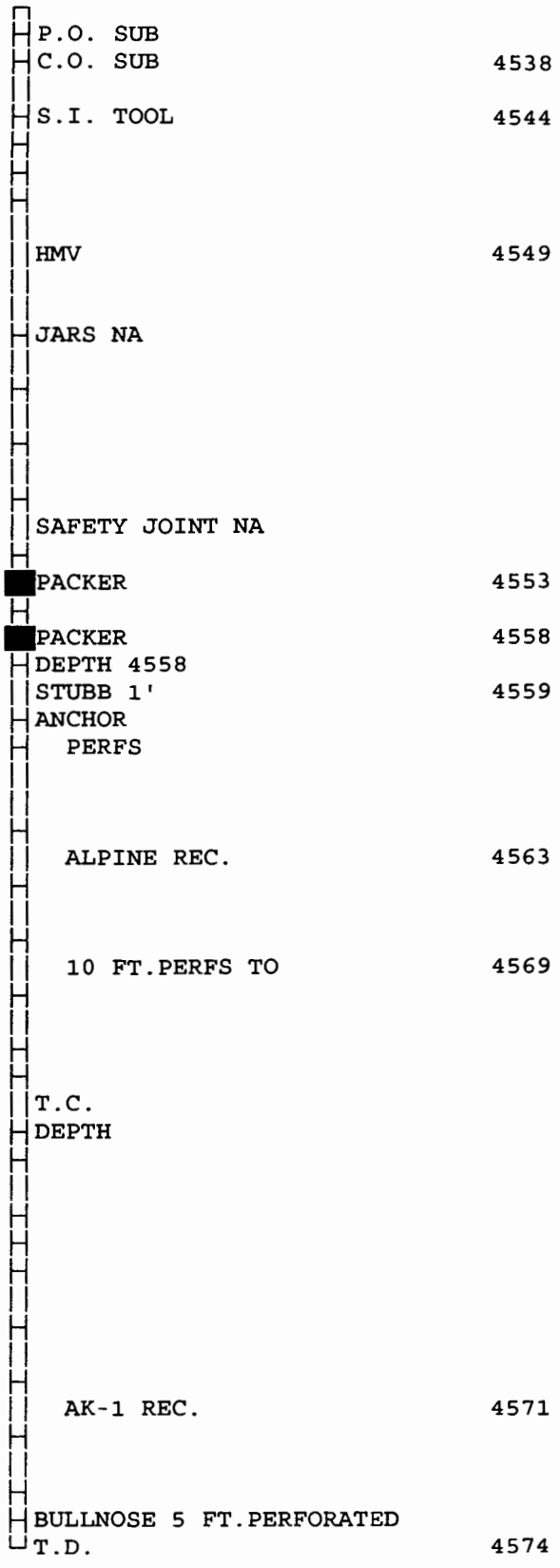
).P. ABOVE TOOLS.Stands70 Single 0 Total 4330

OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4606

OTAL DEPTH 4574

OTAL DRILL PIPE ABOVE K.B. 32

EMARKS:



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 8941

Well Name & No. Bass # 1-11 Test No. 2 Date 3-10-96

Company Kenneth S. White Zone Tested Simpson

Address Wichita Ks. 67202 Elevation 1998 KB 1993 GL

Co. Rep / Geo. Tom Robinson Cont. Pickrell Drlg. #1 Est. Ft. of Pay 6 Por. 10 %

Location: Sec. 11 Twp. 29S Rge. 14W Co. Pratt State Ks.

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

Interval Tested 4558 - 4574' Initial Str Wt./Lbs. 48,000 Unseated Str Wt./Lbs. 48,000

Anchor Length 16' Wt. Set Lbs. 22,000 Wt. Pulled Loose/Lbs. 55,000

Top Packer Depth 4553' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Bottom Packer Depth 4558' Wt. Pipe I.D. — 2.7 Ft. Run None

Total Depth 4574' Drill Collar — 2.25 Ft. Run 240

Mud Wt. 9.1 LCM 2 Vis. 54 WL 8.8cc. Drill Pipe Size 4½" X.H. Ft. Run 4330'

Blow Description IF: Very weak blow. (surface)

FF: No blow.

Recovery — Total Feet 5 Ft. in DC 5 Ft. in WP — Ft. in DP —

Rec.	Feet Of	%gas	%oil	%water	%mud
5	Drlg Mud w/ a few				
	oil specs.				

BHT 111 °F Gravity N.A. °API D@ — °F Corrected Gravity N.A. °API

RW N.C. @ — °F Chlorides 6,000 ppm Recovery Chlorides 4,000 ppm System

	AK-1	alpine					
(A) Initial Hydrostatic Mud	2252	2275	PSI	Recorder No.	10248	T-Started	1247
(B) First Initial Flow Pressure	30	27	PSI	@ (depth)	4571'	T-Open	1426
(C) First Final Flow Pressure	32	31	PSI	Recorder No. (alpine)	2351	T-Pulled	1557
(D) Initial Shut-in Pressure	971	979	PSI	@ (depth)	4563'	T-Out	1800
(E) Second Initial Flow Pressure	39	33	PSI	Recorder No.	—		
(F) Second Final Flow Pressure	39	35	PSI	@ (depth)	—		
(G) Final Shut-in Pressure	813	830	PSI	Initial Opening	15	Test	✓ 600
(H) Final Hydrostatic Mud	2239	2258	PSI	Initial Shut-in	30	Jars	

Final Flow 15 Safety Joint ____

Final Shut-in 30 Straddle ____

Circ. Sub ____

Sampler ____

Extra Packer ____ (5)

Elect. Rec. ✓ 150

Other ____

TOTAL PRICE $ ✓ 750.00

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 Tom G. Robinson

Our Representative [signature]

TRILOBITE TESTING L.L.C.

OPERATOR : Kenneth S. White — DATE 3-11-96
WELL NAME: Bass #1-11 — KB 1998.00 ft — TICKET NO: 8942 — DST #3
LOCATION : 11-29S-14W, Pratt Cty KS — GR 1993.00 ft — FORMATION: Simpson
INTERVAL : 4558.00 To 4579.00 ft — TD 4579.00 ft — TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10248	10248	2351		
SI 60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF 60	Clock(hrs)	AK-1	AK-1	ALPIN		
FS 60	Depth(ft)	4576.0	4576.0	4563.0	0.0	0.0

TIME DATA----------
PF Fr. 0142 to 0212 hr
IS Fr. 0212 to 0312 hr
SF Fr. 0312 to 0412 hr
FS Fr. 0412 to 0512 hr

	Field	1	2	3	4
A. Init Hydro	2300.0	2303.0	2336.0	0.0	0.0
B. First Flow	25.0	23.0	23.0	0.0	0.0
B1. Final Flow	28.0	31.0	33.0	0.0	0.0
C. In Shut-in	1052.0	1041.0	1057.0	0.0	0.0
D. Init Flow	46.0	44.0	37.0	0.0	0.0
E. Final Flow	57.0	62.0	50.0	0.0	0.0
F. Fl Shut-in	929.0	927.0	940.0	0.0	0.0
G. Final Hydro	2250.0	2234.0	2265.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 2352 hr
T ON BOTM 0140 hr
T OPEN 0142 hr
T PULLED 0512 hr
T OUT 0730 hr

RECOVERY
Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
5.00 ft of Drilling mud w/ a few oil specks

6.00 ft of Pay (est)

RW 1.09 @ 49 F
SALINITY 10000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Weak blow, .25" - .5"

Final Flow -
Weak blow, .25" decreasing, dead in
43 min

SAMPLES:
SENT TO:

Test Successful: Y

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

Tool Wt.	2000.00 lbs
Wt Set On Packer	21000.00 lbs
Wt Pulled Loose	55000.00 lbs
Initial Str Wt	44000.00 lbs
Unseated Str Wt	45000.00 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	240.00 ft
D.P. Length	4330.00 ft

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

Mud Type	CHEMICAL
Weight	9.10 lb/c
Vis.	54.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 F
Hole Condition	GOOD
% Porosity	10.00
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.	TOM ROBINSON
Contr.	PICKRELL DRLG.
Rig #	1
Unit #	
Pump T.	

TEST HISTORY

8942 DST#3 BASS#1-11 KENNETH S.WHITE

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2335.70
B:	0.00	22.90
C:	29.00	33.31
D:	60.00	1057.40
E:	0.00	36.58
F:	59.00	49.93
G:	60.00	939.65
Q:	0.00	2265.12

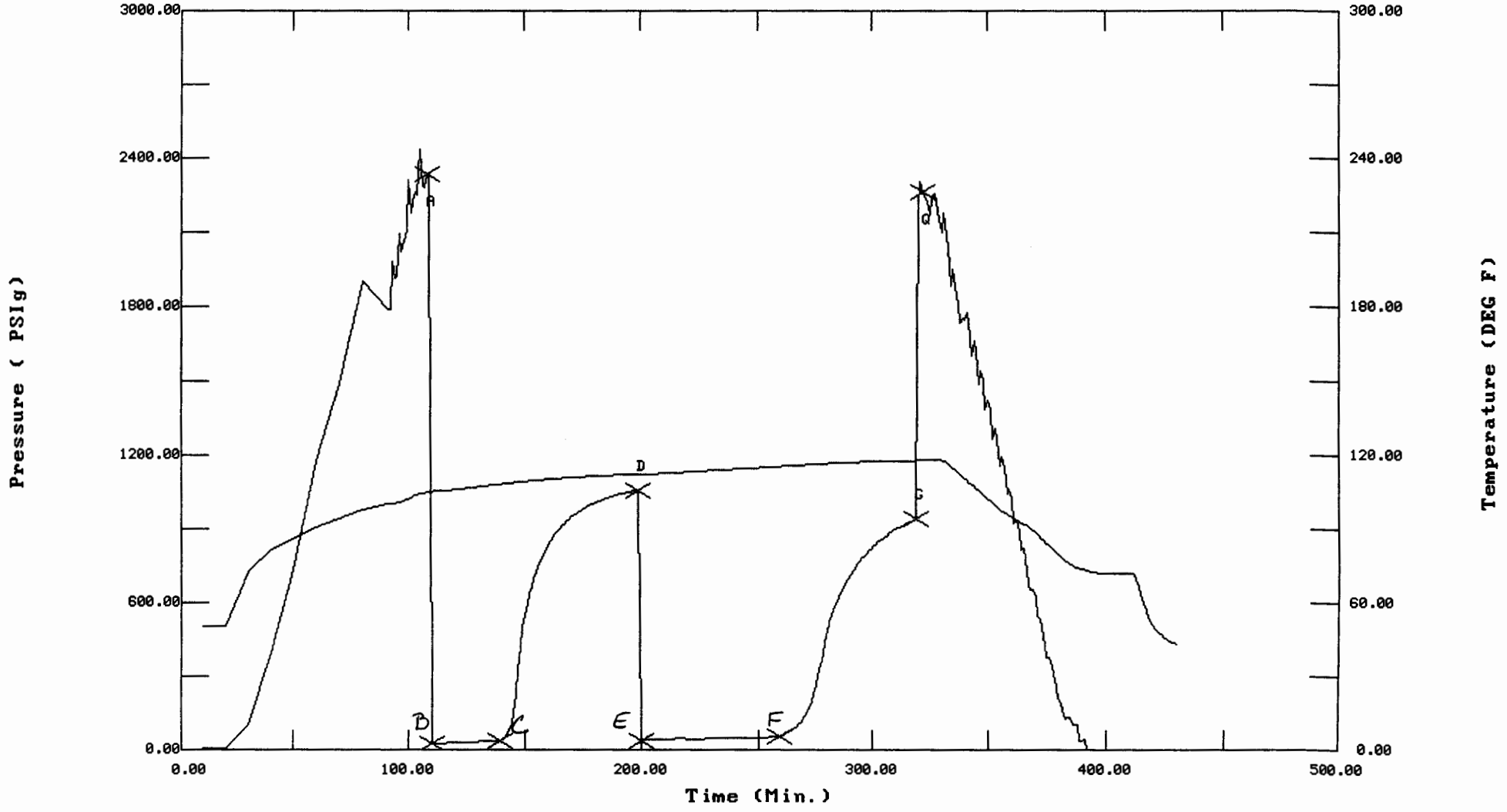


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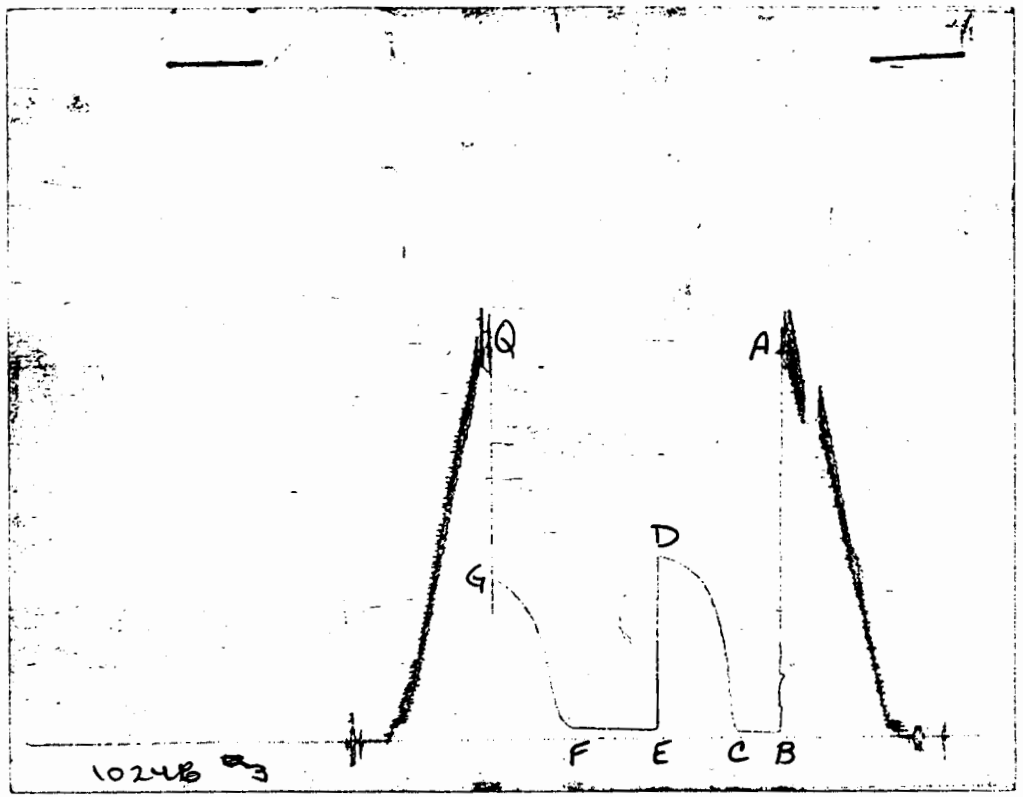
CHART PAGE



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8942 DST#3 BASS#1-11 KENNETH S.WHITE

DATE: 03/10/96 TIME: 23:52:40

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	108.00	2335.7	0.0	104.76		
***** Start Flow 1	0.00	22.9	0.0	105.14		
	1.00	23.3	0.4	105.26		
	2.00	23.3	0.4	105.34		
	3.00	23.4	0.5	105.42		
	4.00	23.4	0.5	105.49		
	5.00	23.7	0.8	105.57		
	6.00	24.2	1.3	105.65		
	7.00	24.7	1.8	105.72		
	8.00	25.4	2.5	105.79		
	9.00	25.9	3.0	105.87		
	10.00	26.2	3.3	105.96		
	11.00	26.8	3.9	106.05		
	12.00	27.3	4.4	106.13		
	13.00	27.7	4.8	106.23		
	14.00	28.3	5.4	106.34		
	15.00	28.6	5.7	106.45		
	16.00	28.9	6.0	106.55		
	17.00	29.5	6.6	106.67		
	18.00	29.8	6.9	106.79		
	19.00	30.0	7.1	106.91		
	20.00	30.4	7.5	107.03		
	21.00	30.7	7.8	107.15		
	22.00	31.0	8.1	107.27		
	23.00	31.4	8.5	107.39		
	24.00	31.7	8.8	107.51		
	25.00	32.1	9.1	107.63		
	26.00	32.4	9.5	107.75		
	27.00	32.6	9.7	107.87		
	28.00	32.9	10	107.97		
***** End Flow 1	29.00	33.3	10.4	108.09		
***** Start Shutin 1	0.00	33.3	0.0	108.09	0.0000	0.001
	1.00	39.4	6.0	108.20	30.0000	0.002
	2.00	48.0	14.7	108.31	15.5000	0.002
	3.00	59.9	26.6	108.42	10.6667	0.004
	4.00	77.3	44.0	108.53	8.2500	0.006
	5.00	104.4	71.1	108.64	6.8000	0.011
	6.00	149.1	115.8	108.74	5.8333	0.022
	7.00	224.4	191.1	108.86	5.1429	0.050
	8.00	329.3	296.0	108.96	4.6250	0.108
	9.00	426.3	393.0	109.07	4.2222	0.182
	10.00	496.7	463.4	109.17	3.9000	0.247
	11.00	550.6	517.2	109.28	3.6364	0.303
	12.00	594.5	561.1	109.38	3.4167	0.353
	13.00	632.5	599.2	109.48	3.2308	0.400
	14.00	666.0	632.6	109.57	3.0714	0.444
	15.00	695.9	662.6	109.66	2.9333	0.484
	16.00	723.0	689.7	109.75	2.8125	0.523
	17.00	747.6	714.3	109.84	2.7059	0.559
	18.00	770.2	736.9	109.93	2.6111	0.593
	19.00	790.8	757.5	110.00	2.5263	0.625

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8942 DST#3 BASS#1-11 KENNETH S.WHITE

DATE: 03/10/96 TIME: 23:52:40

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	20.00	809.8	776.5	110.08	2.4500	0.656
	21.00	827.4	794.0	110.16	2.3810	0.685
	22.00	843.5	810.2	110.24	2.3182	0.711
	23.00	858.5	825.2	110.31	2.2609	0.737
	24.00	872.3	838.9	110.38	2.2083	0.761
	25.00	885.1	851.8	110.45	2.1600	0.783
	26.00	897.0	863.7	110.51	2.1154	0.805
	27.00	908.0	874.7	110.56	2.0741	0.824
	28.00	918.2	884.9	110.64	2.0357	0.843
	29.00	927.7	894.4	110.70	2.0000	0.861
	30.00	936.6	903.3	110.77	1.9667	0.877
	31.00	944.9	911.6	110.83	1.9355	0.893
	32.00	952.6	919.3	110.89	1.9062	0.907
	33.00	959.9	926.6	110.95	1.8788	0.921
	34.00	966.7	933.4	111.01	1.8529	0.934
	35.00	973.1	939.7	111.07	1.8286	0.947
	36.00	978.9	945.6	111.12	1.8056	0.958
	37.00	984.5	951.2	111.18	1.7838	0.969
	38.00	989.8	956.4	111.24	1.7632	0.980
	39.00	994.7	961.4	111.29	1.7436	0.989
	40.00	999.4	966.1	111.34	1.7250	0.999
	41.00	1003.9	970.5	111.39	1.7073	1.008
	42.00	1008.0	974.7	111.44	1.6905	1.016
	43.00	1012.0	978.7	111.49	1.6744	1.024
	44.00	1015.9	982.5	111.54	1.6591	1.032
	45.00	1019.4	986.1	111.59	1.6444	1.039
	46.00	1022.8	989.5	111.65	1.6304	1.046
	47.00	1026.1	992.8	111.68	1.6170	1.053
	48.00	1029.2	995.9	111.73	1.6042	1.059
	49.00	1032.1	998.8	111.78	1.5918	1.065
	50.00	1035.0	1001.7	111.83	1.5800	1.071
	51.00	1037.7	1004.4	111.87	1.5686	1.077
	52.00	1040.2	1006.9	111.92	1.5577	1.082
	53.00	1042.7	1009.4	111.96	1.5472	1.087
	54.00	1045.1	1011.7	112.00	1.5370	1.092
	55.00	1047.2	1013.9	112.04	1.5273	1.097
	56.00	1049.5	1016.2	112.09	1.5179	1.101
	57.00	1051.6	1018.3	112.13	1.5088	1.106
	58.00	1053.5	1020.2	112.17	1.5000	1.110
	59.00	1055.5	1022.2	112.22	1.4915	1.114
****** End Shut-in 1	60.00	1057.4	1024.1	112.26	1.4833	1.118
****** Start Flow 2	0.00	36.6	0.0	112.28		
	1.00	36.8	0.3	112.28		
	2.00	37.6	1.0	112.30		
	3.00	38.3	1.7	112.30		
	4.00	38.8	2.2	112.32		
	5.00	39.1	2.5	112.34		
	6.00	39.4	2.9	112.37		
	7.00	39.9	3.3	112.41		
	8.00	40.2	3.6	112.45		
	9.00	40.7	4.1	112.49		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8942 DST#3 BASS#1-11 KENNETH S.WHITE

DATE: 03/10/96 TIME: 23:52:40

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	10.00	41.2	4.6	112.53		
	11.00	41.5	4.9	112.58		
	12.00	41.9	5.3	112.64		
	13.00	42.3	5.7	112.69		
	14.00	42.5	6.0	112.75		
	15.00	42.9	6.3	112.81		
	16.00	43.3	6.7	112.87		
	17.00	43.5	7.0	112.93		
	18.00	43.9	7.3	112.99		
	19.00	40.2	3.6	113.05		
	20.00	40.5	3.9	113.12		
	21.00	40.8	4.2	113.18		
	22.00	41.1	4.5	113.24		
	23.00	41.3	4.7	113.30		
	24.00	41.5	5.0	113.36		
	25.00	41.9	5.3	113.41		
	26.00	42.2	5.6	113.48		
	27.00	42.5	5.9	113.53		
	28.00	42.8	6.2	113.59		
	29.00	43.1	6.5	113.65		
	30.00	43.3	6.7	113.71		
	31.00	43.6	7.0	113.76		
	32.00	43.8	7.2	113.82		
	33.00	44.1	7.5	113.86		
	34.00	44.2	7.6	113.91		
	35.00	44.5	7.9	113.97		
	36.00	44.6	8.1	114.02		
	37.00	44.9	8.3	114.07		
	38.00	45.1	8.5	114.12		
	39.00	45.3	8.7	114.17		
	40.00	45.5	8.9	114.23		
	41.00	45.7	9.1	114.28		
	42.00	46.0	9.4	114.35		
	43.00	46.2	9.7	114.40		
	44.00	46.5	9.9	114.46		
	45.00	46.6	10	114.51		
	46.00	46.9	10.3	114.57		
	47.00	47.1	10.5	114.63		
	48.00	47.2	10.7	114.68		
	49.00	47.5	10.9	114.73		
	50.00	47.7	11.1	114.79		
	51.00	47.9	11.3	114.84		
	52.00	48.0	11.4	114.90		
	53.00	48.3	11.7	114.96		
	54.00	48.4	11.8	115.01		
	55.00	48.8	12.2	115.06		
	56.00	48.9	12.3	115.13		
	57.00	49.1	12.5	115.18		
	58.00	49.3	12.7	115.24		
***** End Flow 2	59.00	49.9	13.3	115.30		
***** Start Shutin 2	0.00	49.9	0.0	115.30	0.0000	0.002

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8942 DST#3 BASS#1-11 KENNETH S.WHITE

DATE: 03/10/96 TIME: 23:52:40

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
1.00	53.9	3.9	115.36	89.0000	0.003
2.00	58.2	8.3	115.42	45.0000	0.003
3.00	62.9	12.9	115.48	30.3333	0.004
4.00	68.1	18.2	115.54	23.0000	0.005
5.00	74.2	24.3	115.60	18.6000	0.006
6.00	80.9	31.0	115.66	15.6667	0.007
7.00	88.6	38.7	115.72	13.5714	0.008
8.00	97.5	47.6	115.78	12.0000	0.01
9.00	107.9	58.0	115.84	10.7778	0.012
10.00	120.0	70.1	115.91	9.8000	0.014
11.00	134.4	84.4	115.96	9.0000	0.018
12.00	151.5	101.6	116.03	8.3333	0.023
13.00	172.0	122.0	116.08	7.7692	0.030
14.00	196.6	146.6	116.15	7.2857	0.039
15.00	226.1	176.2	116.20	6.8667	0.051
16.00	261.3	211.3	116.26	6.5000	0.068
17.00	302.0	252.0	116.32	6.1765	0.091
18.00	347.1	297.2	116.38	5.8889	0.120
19.00	394.3	344.4	116.44	5.6316	0.155
20.00	439.9	390.0	116.50	5.4000	0.194
21.00	481.3	431.4	116.56	5.1905	0.232
22.00	517.5	467.6	116.62	5.0000	0.268
23.00	548.8	498.9	116.67	4.8261	0.301
24.00	576.2	526.3	116.72	4.6667	0.332
25.00	600.7	550.8	116.77	4.5200	0.361
26.00	622.9	573.0	116.83	4.3846	0.388
27.00	643.2	593.3	116.87	4.2593	0.414
28.00	662.0	612.1	116.91	4.1429	0.438
29.00	679.4	629.5	116.96	4.0345	0.462
30.00	695.8	645.8	117.00	3.9333	0.484
31.00	711.0	661.1	117.05	3.8387	0.506
32.00	725.5	675.5	117.08	3.7500	0.526
33.00	739.0	689.0	117.13	3.6667	0.546
34.00	751.8	701.9	117.16	3.5882	0.565
35.00	764.1	714.1	117.20	3.5143	0.584
36.00	775.7	725.7	117.23	3.4444	0.602
37.00	786.6	736.6	117.27	3.3784	0.619
38.00	797.0	747.0	117.30	3.3158	0.635
39.00	806.9	756.9	117.34	3.2564	0.651
40.00	816.3	766.3	117.36	3.2000	0.666
41.00	825.3	775.3	117.39	3.1463	0.681
42.00	833.9	784.0	117.41	3.0952	0.695
43.00	842.1	792.2	117.44	3.0465	0.709
44.00	850.0	800.1	117.47	3.0000	0.723
45.00	857.6	807.6	117.50	2.9556	0.735
46.00	864.7	814.8	117.53	2.9130	0.748
47.00	871.6	821.7	117.56	2.8723	0.760
48.00	878.2	828.3	117.58	2.8333	0.771
49.00	884.5	834.6	117.60	2.7959	0.782
50.00	890.6	840.7	117.62	2.7600	0.793
51.00	896.3	846.3	117.65	2.7255	0.803

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8942 DST#3 BASS#1-11 KENNETH S.WHITE

DATE: 03/10/96 TIME: 23:52:40

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	52.00	901.9	852.0	117.67	2.6923	0.813
	53.00	907.3	857.3	117.69	2.6604	0.823
	54.00	912.5	862.5	117.71	2.6296	0.833
	55.00	917.4	867.5	117.74	2.6000	0.842
	56.00	922.2	872.3	117.77	2.5714	0.850
	57.00	926.7	876.8	117.78	2.5439	0.859
	58.00	931.2	881.2	117.80	2.5172	0.867
	59.00	935.5	885.5	117.81	2.4915	0.875
***** End Shut-in 2	60.00	939.6	889.7	117.85	2.4667	0.883
***** Final Hydro.	322.00	2265.1	0.0	117.93		

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Bass #1-11

LOCATION : 11-29S-14W

TICKET No. 8942 D.S.T. No. 3 DATE 3-11-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 21

TOTAL TOOL 41

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 41

D.C. ABOVE TOOLS.Stands4 Single 0 Total 240

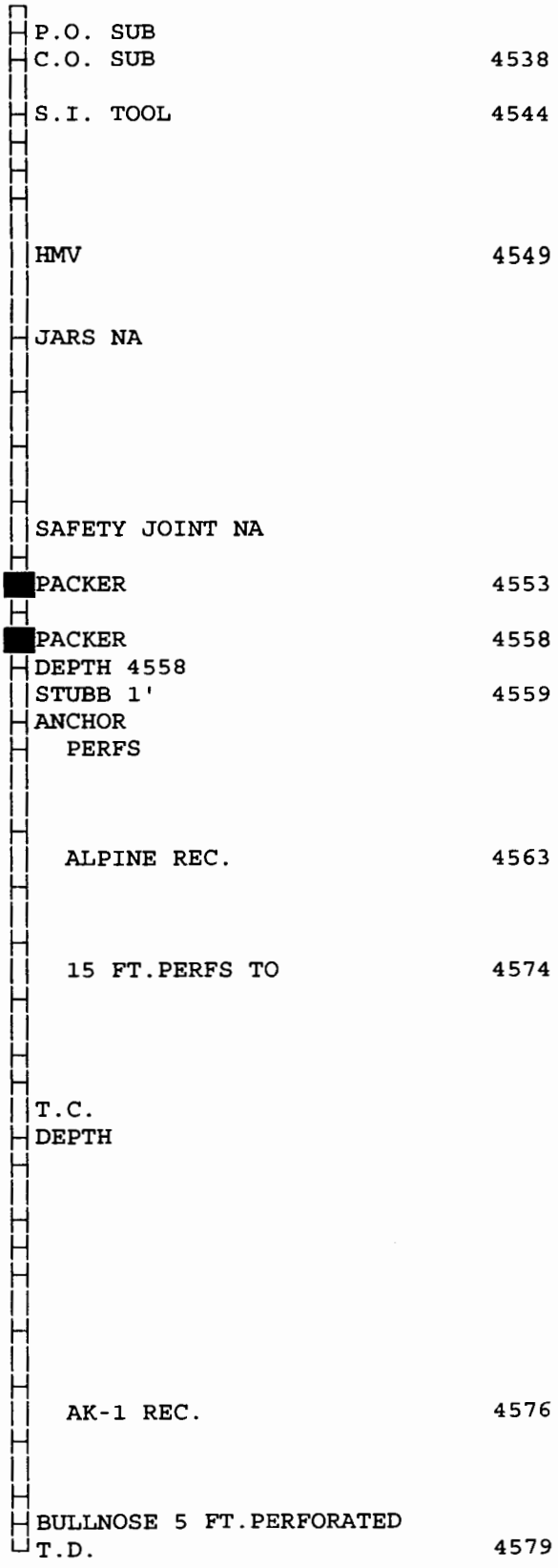
D.P. ABOVE TOOLS.Stands70 Single 0 Total 4330

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4611

TOTAL DEPTH 4579

TOTAL DRILL PIPE ABOVE K.B. 32

REMARKS:



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 8942

Well Name & No. Bass # 1-11 Test No. 3 Date 3-11-96

Company Kenneth S. White Zone Tested Simpson

Address Wichita Ks. 67202 Elevation 1998 KB 1993 GL

Co. Rep / Geo. Tom Robinson Cont. Pickrell Drlg. #1 Est. Ft. of Pay 6 Por. 10 %

Location: Sec. 11 Twp. 29S Rge. 14W Co. Pratt State Ks

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

Interval Tested 4558 - 4579' Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 45,000

Anchor Length 21' Wt. Set Lbs. 21,000 Wt. Pulled Loose/Lbs. 55,000

Top Packer Depth 4553' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Bottom Packer Depth 4558' Wt. Pipe I.D. — 2.7 Ft. Run None

Total Depth 4579' Drill Collar — 2.25 Ft. Run 240

Mud Wt. 9.1 LCM ~ Vis. 54 WL 8.8cc Drill Pipe Size 4½" X.H. Ft. Run 4330'

Blow Description IF: Weak blow. (¼ - ½")

FF: Weak blow (¼" decreasing) Dead in 43 mins.

Recovery — Total Feet 60 Ft. in DC 60 Ft. in WP — Ft. in DP —

Rec. 60	Feet Of	Drlg Mud (w/a few oil specs.)	%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 118° °F Gravity N.A. °API D@ — °F Corrected Gravity N.A. °API

RW 1.09 @ 49 °F Chlorides 10,000 ppm Recovery Chlorides 6,000 ppm System

(A) Initial Hydrostatic Mud	2300 (AK-1)	2336 (Alpine)	PSI	Recorder No.	10248	T-Started	2352
(B) First Initial Flow Pressure	25	23	PSI	@ (depth)	4576'	T-Open	0142
(C) First Final Flow Pressure	28	33	PSI	Recorder No. (Alpine)	2351	T-Pulled	0512
(D) Initial Shut-in Pressure	1052	1057	PSI	@ (depth)	4563'	T-Out	0730
(E) Second Initial Flow Pressure	46	37	PSI	Recorder No.	—		
(F) Second Final Flow Pressure	57	50	PSI	@ (depth)	—		
(G) Final Shut-in Pressure	929	940	PSI	Initial Opening	30	Test	✓ 600
(H) Final Hydrostatic Mud	2250	2265	PSI	Initial Shut-in	60	Jars	
				Final Flow	60	Safety Joint	
				Final Shut-in	60	Straddle	
						Circ. Sub	
						Sampler	
						Extra Packer	
						Elect. Rec.	✓ 150
						Other	
						TOTAL PRICE $	✓ 750.00

(5)

Approved By Tom G Robinson

Our Representative Gary Incontro