ASSOCIATED WIRELINE SERVICE. Inc.

580-229-0731 · Box 906 · Healdton, Oklahoma 73438

FILING NO.

COMPANY

WELL

FIELD

COUNTY STATE OK.

LOCATION

SEC. 10 TWP. 4S RGE. 3W

TYPE SERVICES:
INJECTION PROFILE
W/TEMP.

PERMANENT DATUM GL ELEV.

LOG MEASURED FROM 5 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

ELEV. K.B.

D.F.

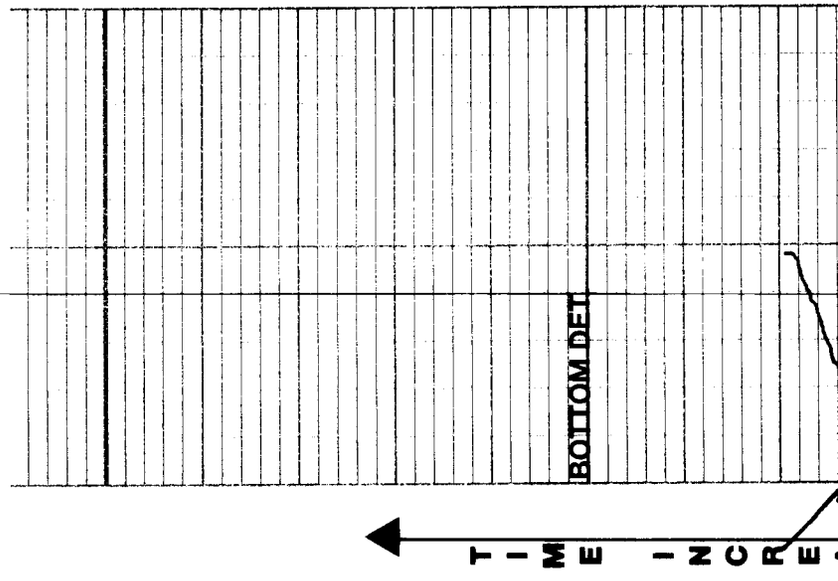
G.L.

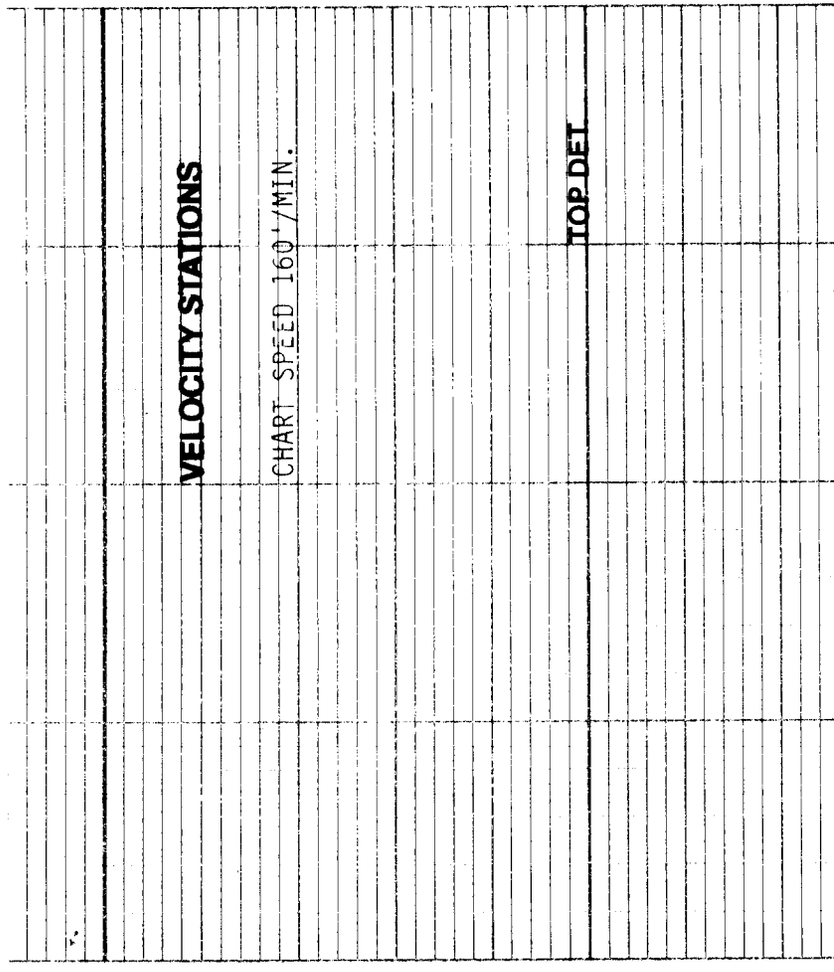
DATE	8/29/2011					
RUN NO.	ONE				INJECTION	
TYPE LOG	INJECTION PROFILE W/TEMP.				PRESSURE	
DEPTH-DRILLER	1140				RATE	
DEPTH-LOGGED	1121				FLUID	WATER
BOTTOM LOGGED INTERVAL	1121				ISOTOPE	I-131
TOP LOGGED INTERVAL	750				8 DAY HALF LIFE	
TYPE FLUID IN HOLE	WATER	CASING AND TUBING RECORD				
LEVEL	FULL	SIZE	WGT	TYPE	FROM	TO
RECORDING SPEED	25'/MIN.	7"			0	1140
TOOL SIZE	1 3/8"	2 3/8"	TBG.		0	876
RECORDED BY	L. CALLIS	2 3/8"	TBG.		0	1043
WITNESSED BY	MR. WYCHE					

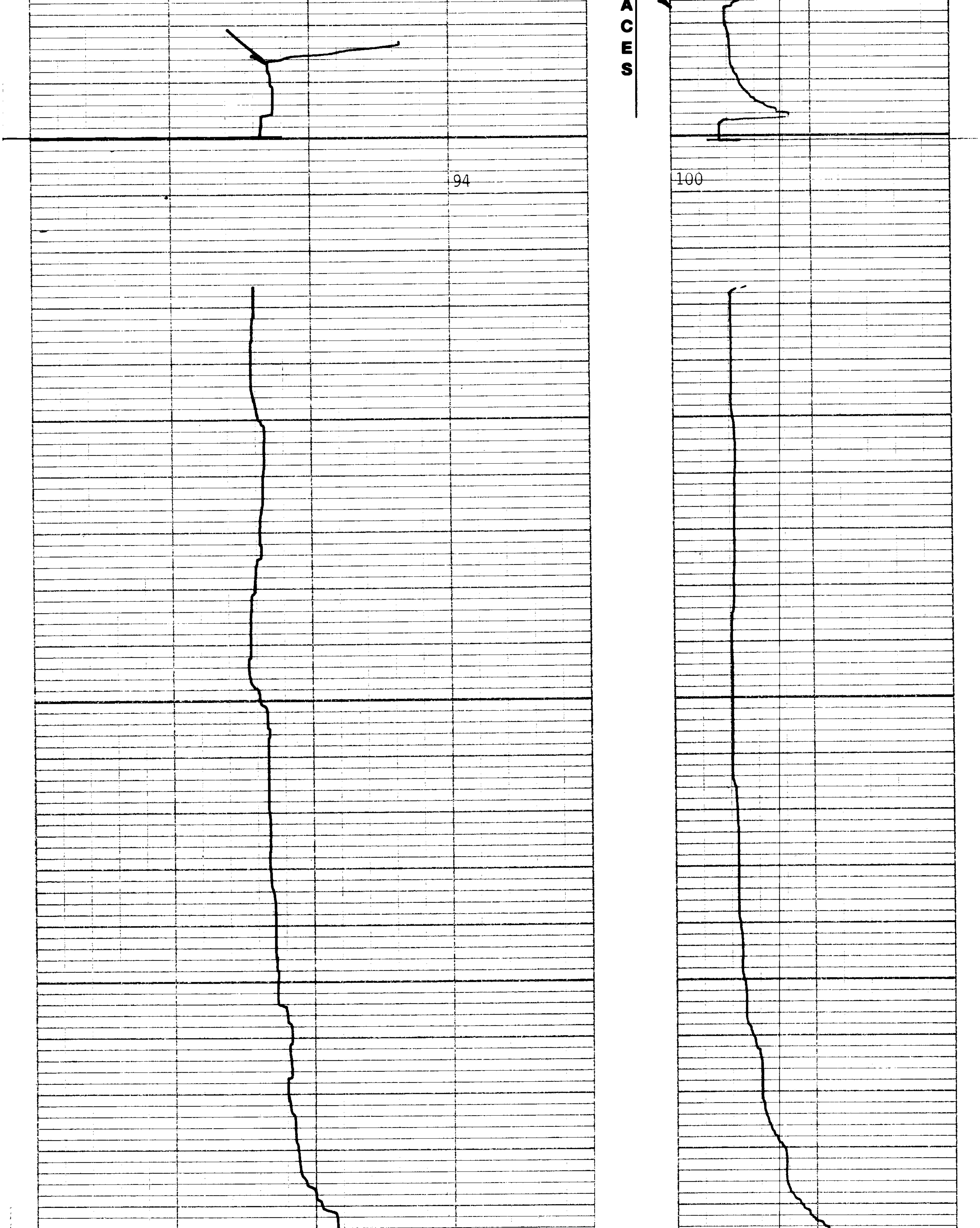
PERFORATIONS: 897-904, 912-18, 922-28, 942-52, 975-83, 994-96, 1010-13, 1023-27, 1048-50, 1058-72.

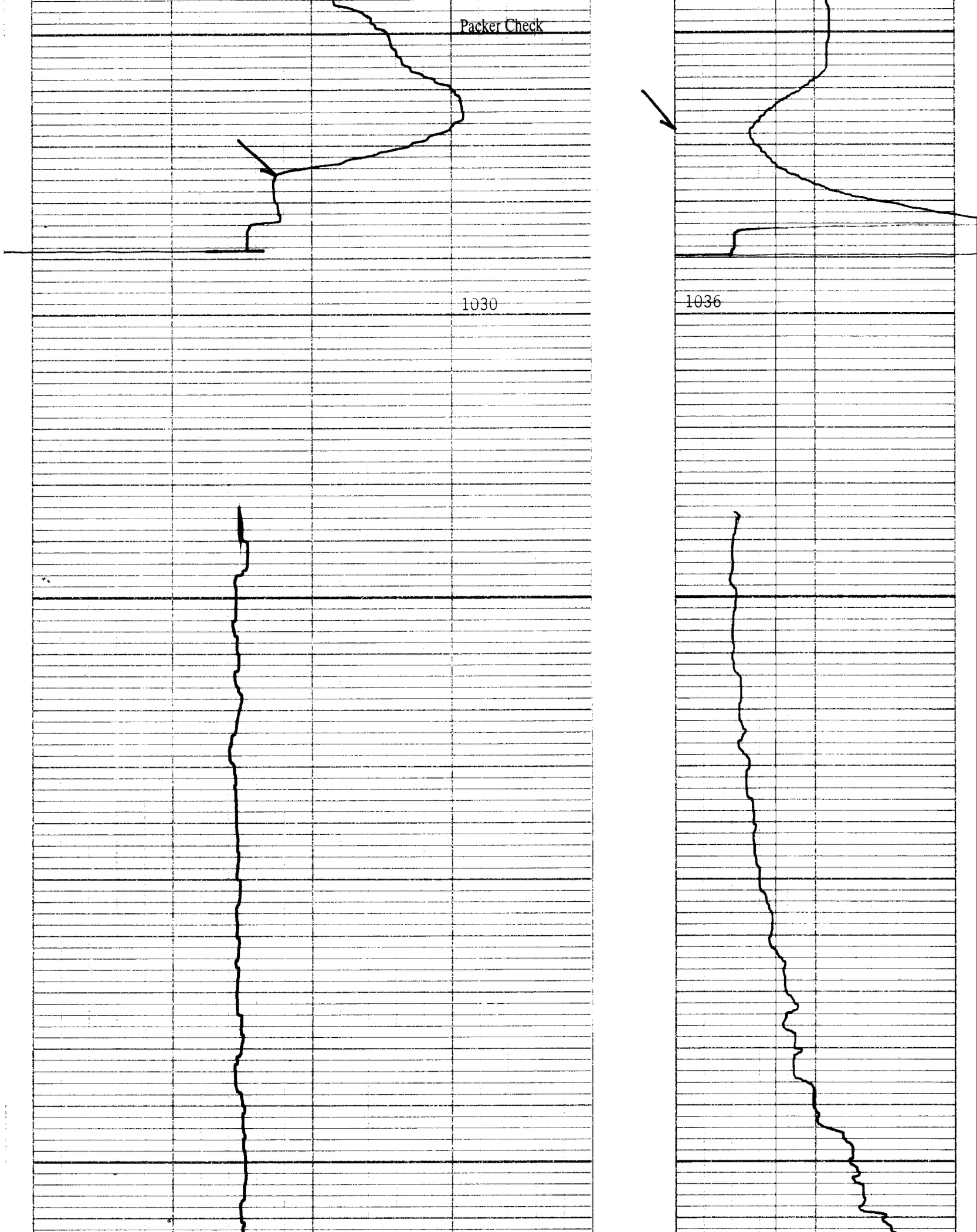
SHORT STRING: 314 B/D @ 600 PSI
LONG STRING: 798 B/D @ 600 PSI

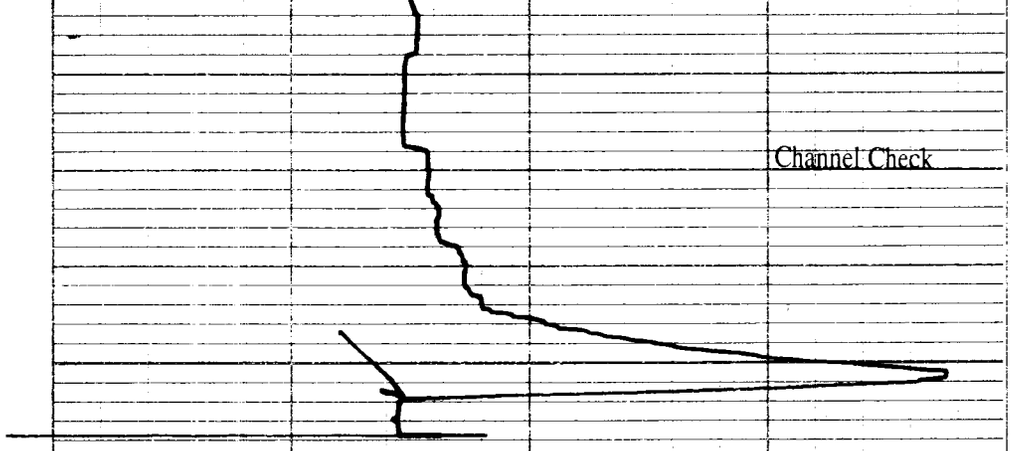
REMARKS: SEE NOTE BELOW.



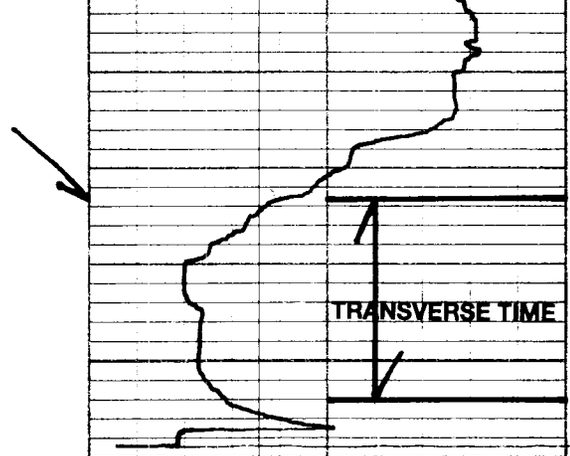



ACES
94
100


Packer Check
1030
1036

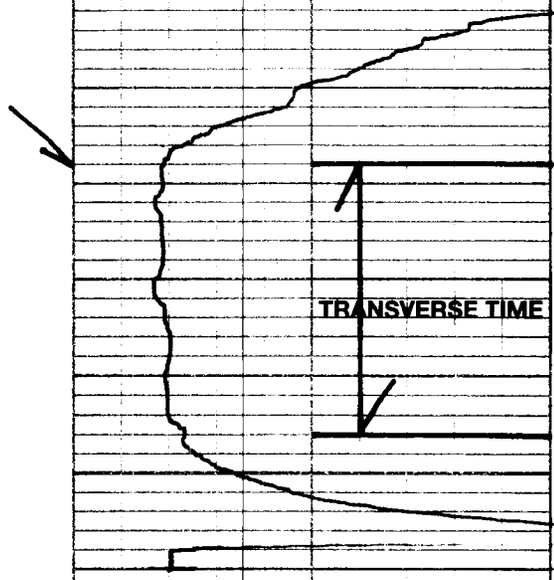


1042

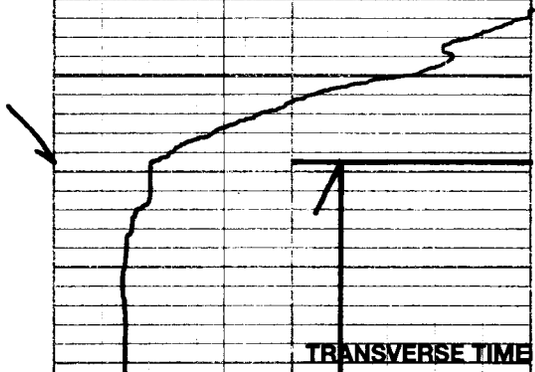


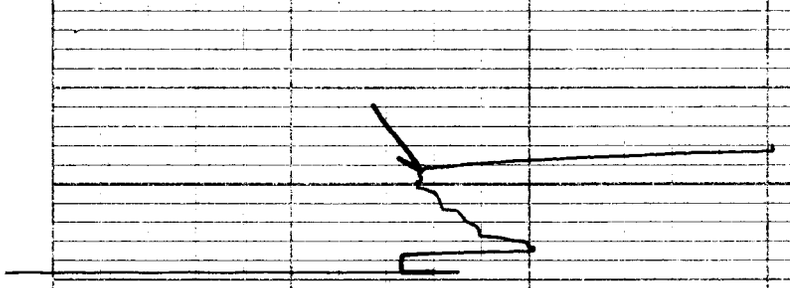
1048

1052

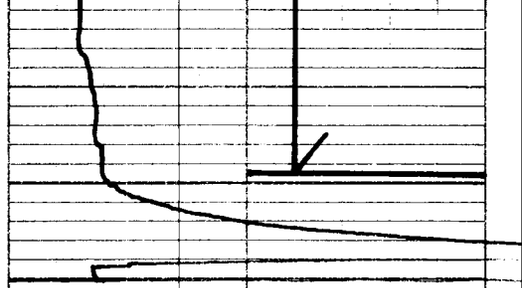


1058



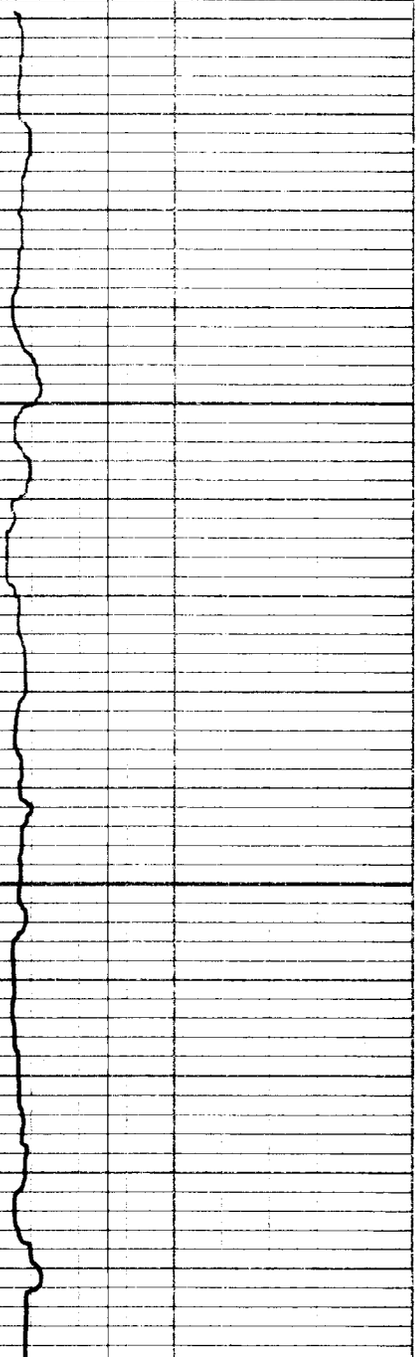


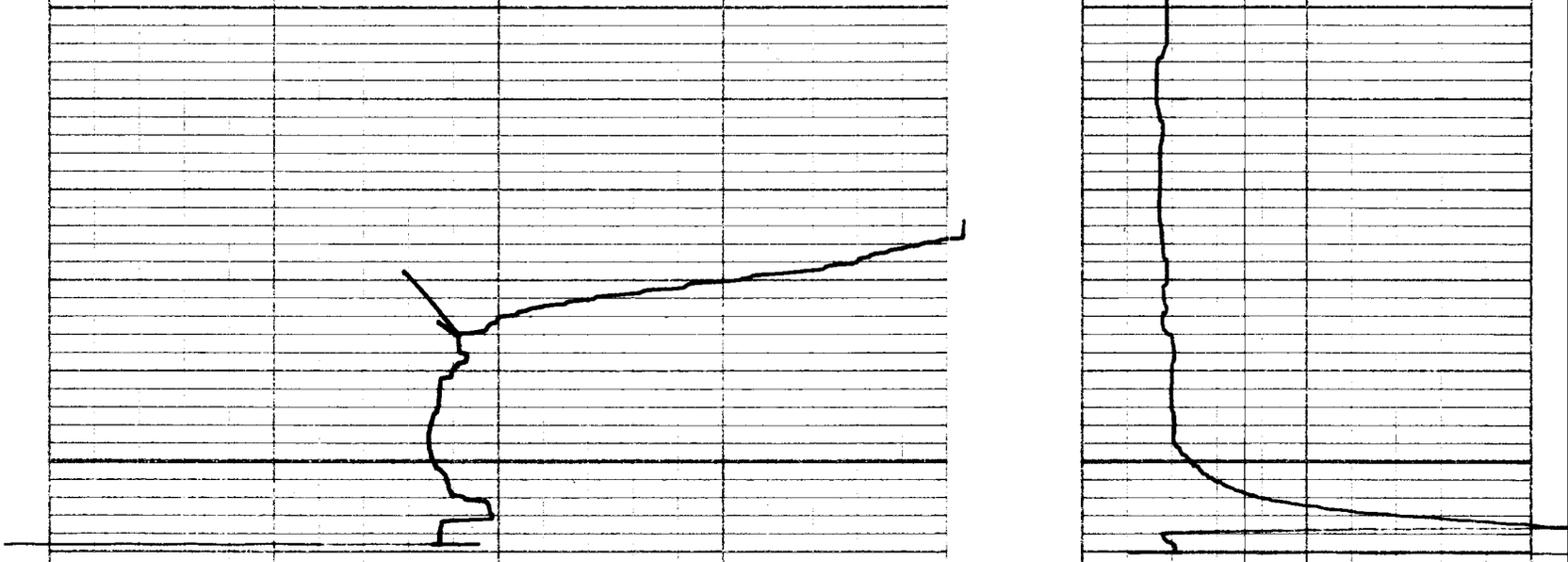
1056



1062

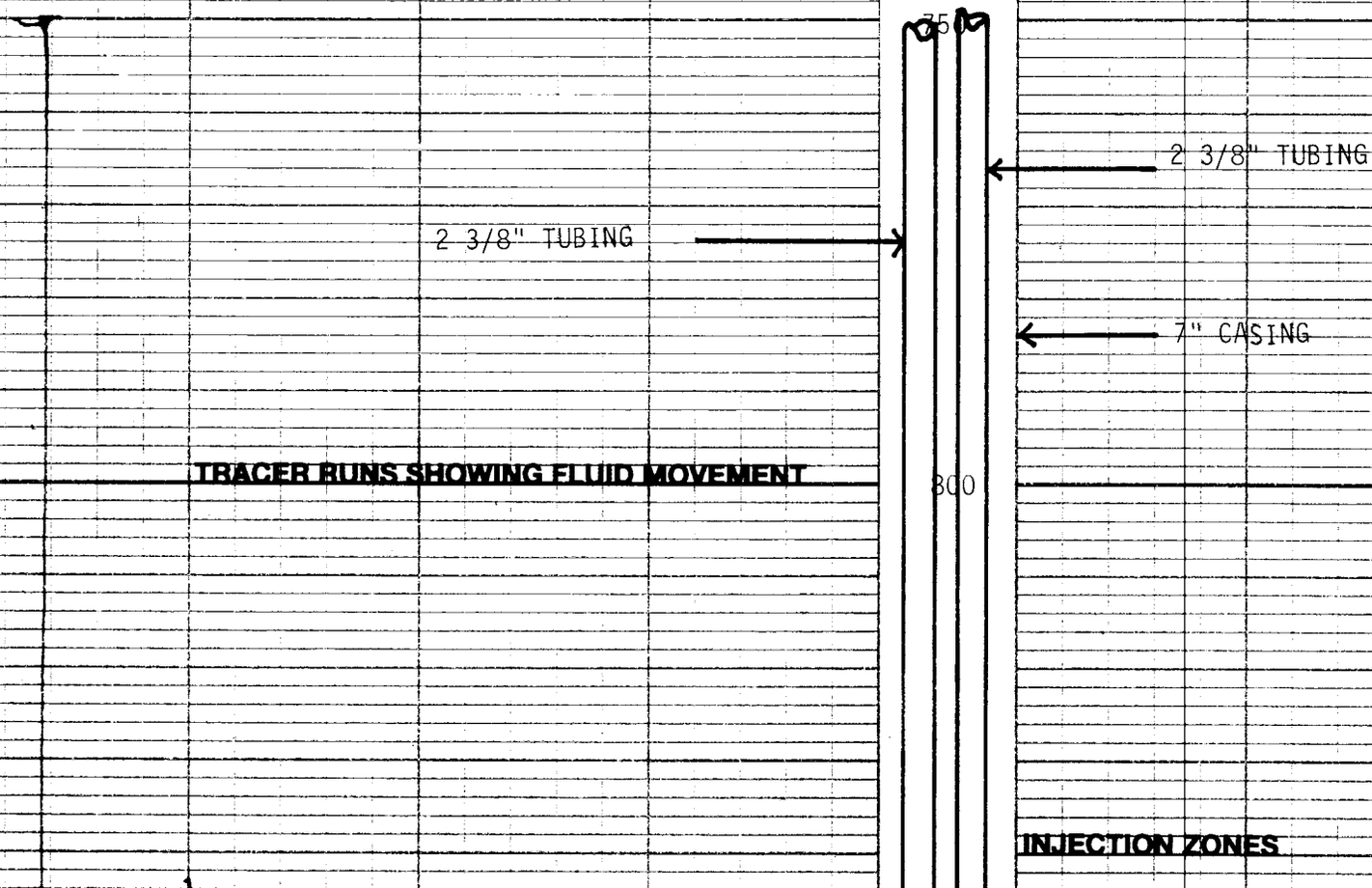
NO MOVEMENT





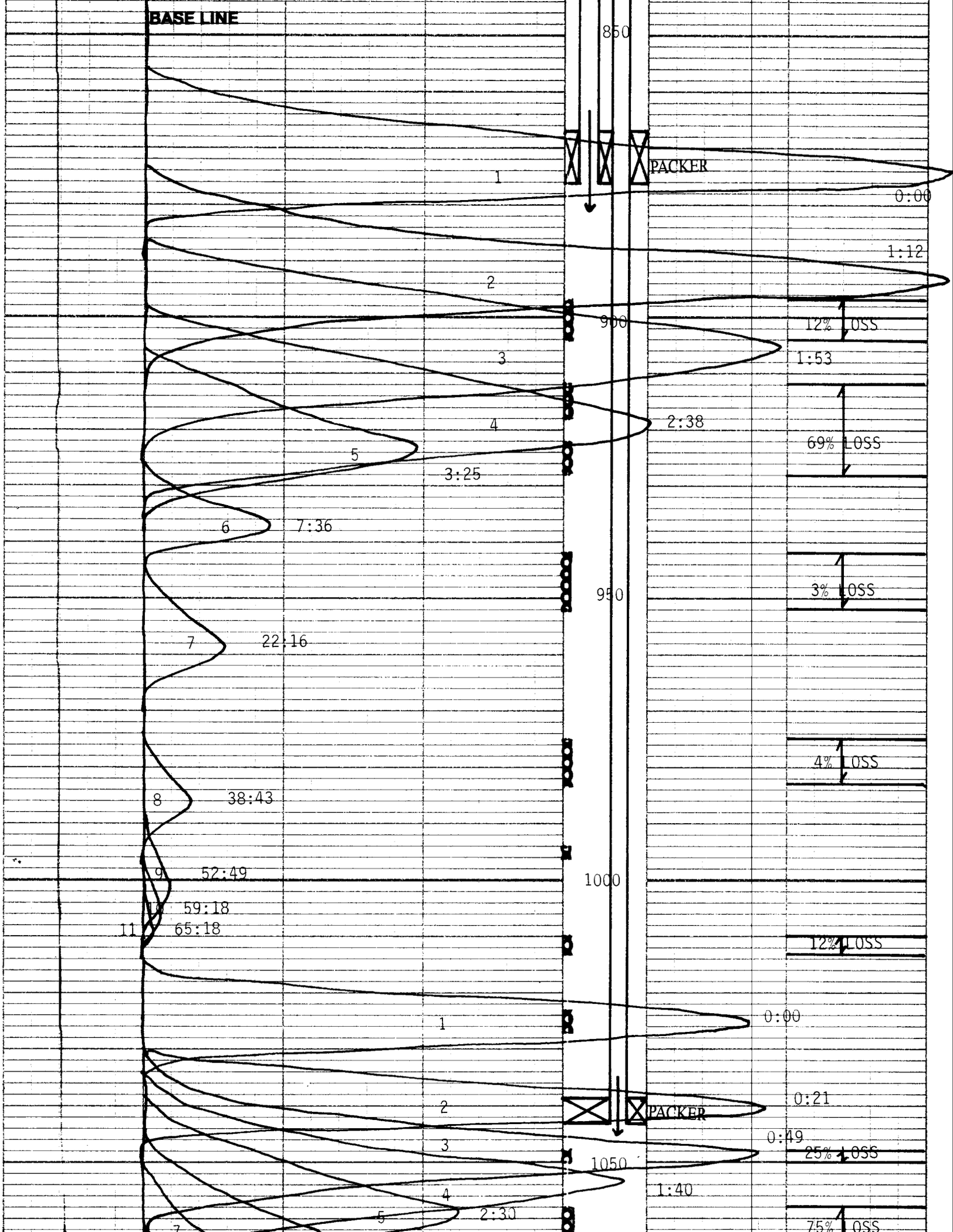
1060

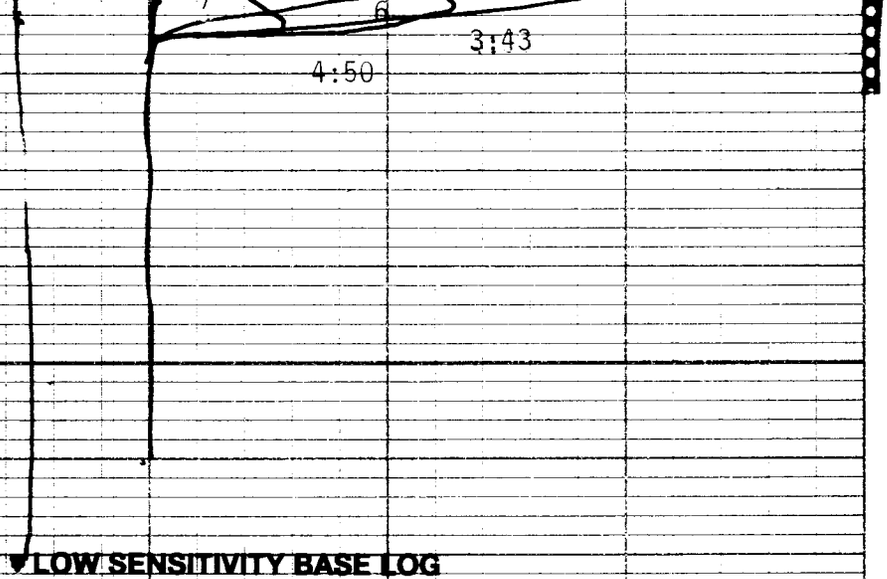
1066



TRACER RUNS SHOWING FLUID MOVEMENT

INJECTION ZONES


BASE LINE
850
PACKER
1
0:00
1:12
2
900
12% LOSS
3
1:53
4
2:38
69% LOSS
5
3:25
6
7:36
950
3% LOSS
7
22:16
4% LOSS
8
38:43
9
52:49
1000
10
59:18
11
65:18
12% LOSS
1
0:00
2
PACKER
0:21
0:49
3
25% LOSS
1050
1:40
4
2:30
5
75% LOSS

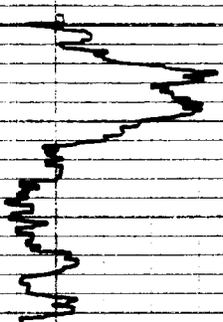


1100

LOW SENSITIVITY BASE LOG

T.D. REACHED

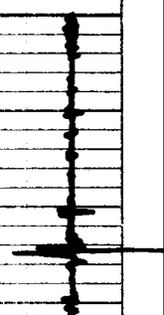
TEMPERATURE INCREASES

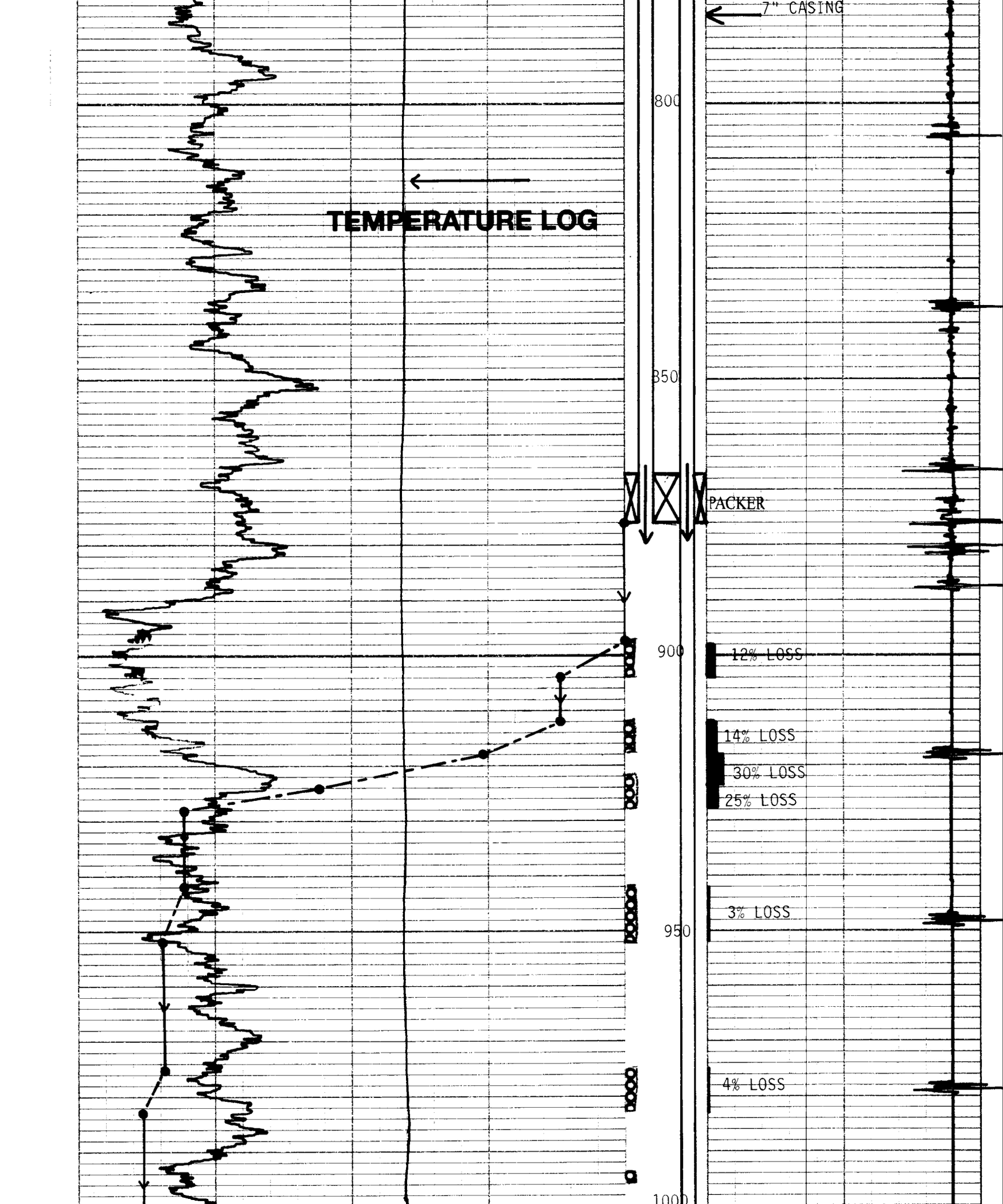


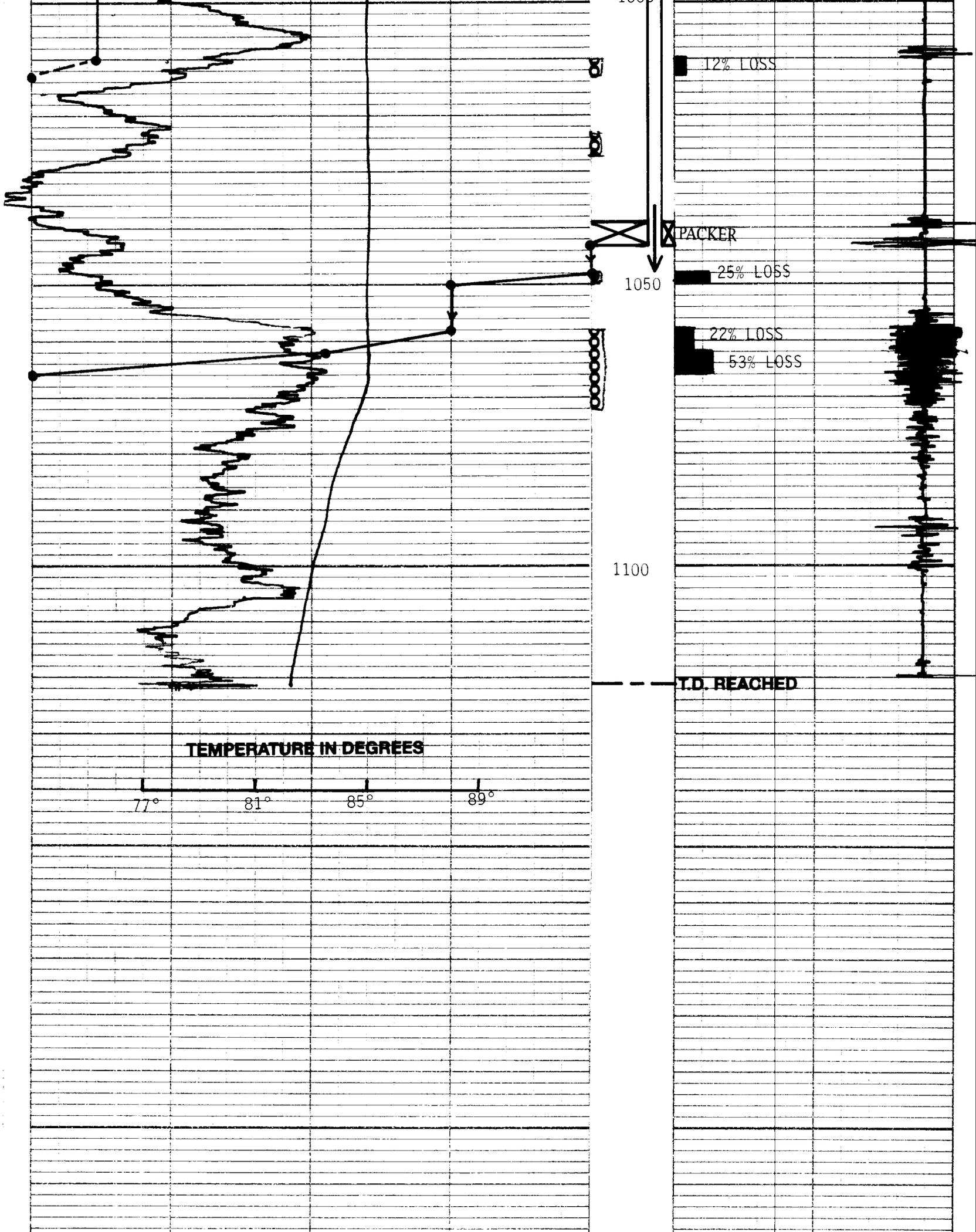
750

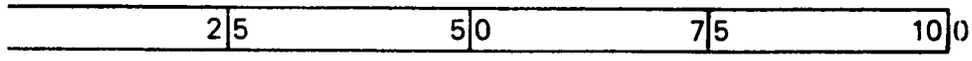
2 3/8" TUBING

2 3/8" TUBING

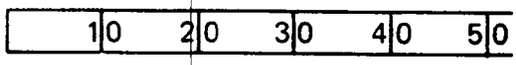



7" CASING
800
TEMPERATURE LOG
850
PACKER
900
12% LOSS
14% LOSS
30% LOSS
25% LOSS
950
3% LOSS
4% LOSS
1000


12% LOSS
PACKER
25% LOSS
1050
22% LOSS
53% LOSS
1100
T.D. REACHED
TEMPERATURE IN DEGREES
77°
81°
85°
89°



PERCENT OF INPUT



PERCENT PER FOOT

GAMMA LOG

R/A FOLLOW UP TRACER

RADIO ACTIVITY INCREASES

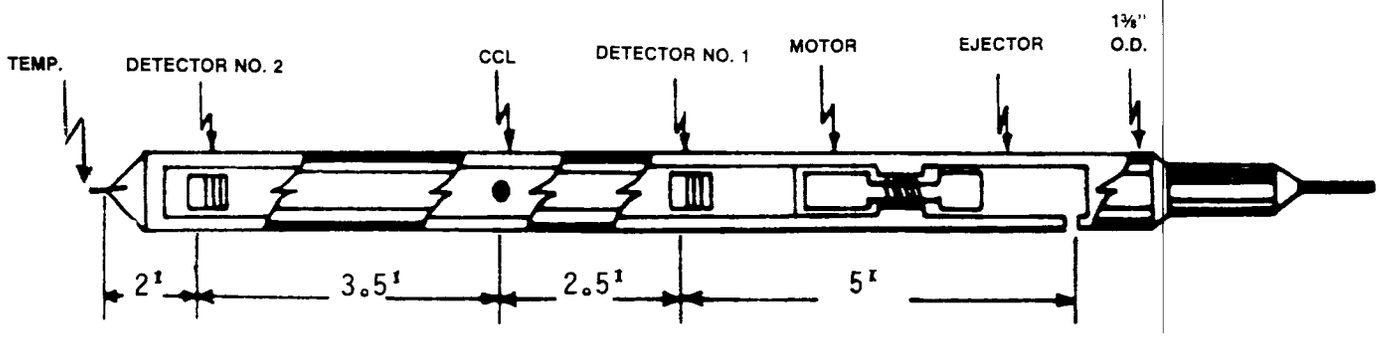
PERFORATIONS FROM CUSTOMERS RECORDS

SLOTS

CHANNEL

HEALDTON FIELD
CARTER CO., OK.
8/29/2011

Sta. No.	Rate Bbls. Day	Depth. Interval	Capacity of Interval Bbls.	Injection Volumn to Fill Interval Bbls.	Percent of Fluid Going Below Base of Interval	Percent of Fluid Lost in Interval	Press P.S.I.
		LONG STRING					
1	314	1043-1048	0.1910	0.1910	100	0	600
2	"	1048-1050	0.1528	0.2037	75	28	"
3	"	1050-1058	0.3056	0.3056	75	0	"
4	"	1058-1062	0.1528	0.2883	53	22	"
5	"	1062-1066	0.1528	OO	0	53	"
		SHORT STRING					
1	798	876-897	0.5733	0.5733	100	0	600
2	"	897-904	0.1911	1.5925	88	12	"
3	"	904-912	0.2184	0.2184	88	0	"
4	"	912-918	0.1638	1.1700	74	14	"
5	"	918-924	0.1638	0.5460	44	30	"
6	"	924-928	0.1092	0.4368	19	25	"
7	"	928-942	0.3822	0.3822	19	0	"
8	"	942-952	0.2730	9.1000	16	3	"
9	"	952-975	0.6279	0.6279	16	0	"
10	"	975-983	0.2184	5.4600	12	4	"
11	"	983-1010	0.7371	0.7371	12	0	"
12	"	1010-1013	0.0819	OO	0	12	"
	NOTE:	NO LEAKS OR CHANNELS INDICATED UNDER EXISTING					
		INJECTION CONDITIONS.					


TEMP.
DETECTOR NO. 2
CCL
DETECTOR NO. 1
MOTOR
EJECTOR
1⅜"
O.D.
2'
3.5'
2.5'
5'