

WELL NAME: Beyrle 1-12
COMPANY: Ranken Energy Corp.
LOCATION: 12-16S-23W
Ness County Kansas
DATE: 09/22/97

TRILOBITE TESTING L.L.C.

OPERATOR : Ranken Energy Corp
WELL NAME: Beyrle 1-12
LOCATION : 12-16S-23W Ness Co Ks
INTERVAL : 4355.00 To 4400.00 ft

DATE 9-20-97
KB 2433.00 ft TICKET NO: 10420 DST #1
GR 2428.00 ft FORMATION: Cherokee/Miss
TD 4400.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	3227			PF Fr. 0022 to 0052 hr
SI 30 Range(Psi)	4000.0	4000.0	4985.0	0.0	0.0	IS Fr. 0052 to 0122 hr
SF 15 Clock(hrs)	12 hr	12	Elec			SF Fr. 0122 to 0137 hr
FS 0 Depth(ft)	4397.0	4397.0	4359.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2147.0	2208.0	2169.0	0.0	0.0	T STARTED 2209 hr
B. First Flow	68.0	73.0	20.0	0.0	0.0	T ON BOTM 0020 hr
B1. Final Flow	68.0	72.0	35.0	0.0	0.0	T OPEN 0022 hr
C. In Shut-in	1216.0	1215.0	1204.0	0.0	0.0	T PULLED 0137 hr
D. Init Flow	78.0	88.0	37.0	0.0	0.0	T OUT 0340 hr
E. Final Flow	78.0	79.0	45.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2137.0	2178.0	2133.0	0.0	0.0	Tool Wt. 1000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 41000.00 lbs
						Initial Str Wt 41000.00 lbs
						Unseated Str Wt 41000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4352.00 ft
						H.W. I.D 3.80 in
						H.W. Length 599.00 ft

RECOVERY

Tot Fluid 50.00 ft of 0.00 ft in DC and 50.00 ft in DP
50.00 ft of Thin 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

BLOW DESCRIPTION

Initial Flow:
Weak blow, building to 1"

Final Flow:
No blow, flushed tool, no help

SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.40 lb/c
Vis. 46.00 S/L
W.L. 8.00 in3
F.C. 0.00 in
Mud Drop N

Amt. of fill 0.00 ft
Btm. H. Temp. 117.00 F
Hole Condition Good
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out N
Tool Chased N
Tester Dan Bangle
Co. Rep. Mark Herndon
Contr. Abercrombie
Rig # 8
Unit #
Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Beyrle 1-12	P.O. SUB	4203
	C.O. SUB	4327
LOCATION : 12-16S-23W Ness Co Ks	S.I. TOOL	4333
PICKET No. 10420 D.S.T. No. 1 DATE 9-20-97		
TOTAL TOOL TO BOTTOM OF TOP PACKERS 28		
INTERVAL TOOL	HMV	4338
BOTTOM PACKERS AND ANCHOR 14	JARS	4343
TOTAL TOOL 42		
DRILL COLLAR ANCHOR IN INTERVAL		
D.C. ANCHOR STND.Stands Single Total		
D.P. ANCHOR STND.Stands Single 1 Total 31	SAFETY JOINT	4346
TOTAL ASSEMBLY 73	PACKER	4350
D.C. ABOVE TOOLS.Stands Single Total	PACKER	4355
D.P. ABOVE TOOLS.Stands70 Single 1 Total 4352	DEPTH 4355	
	STUBB 1'	4356
	ANCHOR 1' Perfs	4357
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4425	1' co sub	4358
	Alpine @ 4359	
TOTAL DEPTH 4400		
TOTAL DRILL PIPE ABOVE K.B. 25		
REMARKS:		
Flushed tool on second open-no help	1 jt dp	4389
No Final Shut In	1' co sub	4390
	T.C.	
	DEPTH	
	5' Perfs	4395
	AK-1 @ 4397	
	BULLNOSE 5' Bullplug	4400
	T.D.	

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: Tk #10420 DST #1 Beyrle 1-12 Ranken Energy Corp

DATE: 09/20/97 TIME: 22:09:57

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	125.00	2169.4	0.0	115.24		
***** Start Flow 1	0.00	20.4	0.0	115.52		
	1.00	21.7	1.4	115.51		
	2.00	22.7	2.3	115.46		
	3.00	23.5	3.2	115.40		
	4.00	24.3	3.9	115.35		
	5.00	24.9	4.6	115.32		
	6.00	25.3	4.9	115.30		
	7.00	25.4	5.1	115.30		
	8.00	25.6	5.2	115.31		
	9.00	26.1	5.7	115.33		
	10.00	26.5	6.1	115.34		
	11.00	27.1	6.7	115.38		
	12.00	27.9	7.5	115.42		
	13.00	28.0	7.6	115.45		
	14.00	28.1	7.7	115.48		
	15.00	28.5	8.2	115.52		
	16.00	29.0	8.6	115.55		
	17.00	29.4	9.0	115.60		
	18.00	29.8	9.5	115.63		
	19.00	30.3	9.9	115.69		
	20.00	30.7	10.4	115.76		
	21.00	31.1	10.8	115.84		
	22.00	31.6	11.3	115.92		
	23.00	32.2	11.8	116.00		
	24.00	32.6	12.2	116.08		
	25.00	33.0	12.7	116.16		
	26.00	33.6	13.2	116.23		
	27.00	34.2	13.8	116.30		
	28.00	34.6	14.3	116.35		
	29.00	35.1	14.7	116.39		
***** End Flow 1	30.00	35.5	15.1	116.42		
***** Start Shutin 1	0.00	35.5	0.0	116.42	0.0000	0.001
	1.00	169.5	134.1	116.45	31.0000	0.029
	2.00	435.4	400.0	116.52	16.0000	0.190
	3.00	621.3	585.9	116.55	11.0000	0.386
	4.00	752.1	716.6	116.60	8.5000	0.566
	5.00	846.2	810.7	116.65	7.0000	0.716
	6.00	914.6	879.1	116.70	6.0000	0.837
	7.00	965.6	930.1	116.74	5.2857	0.932
	8.00	1004.2	968.8	116.78	4.7500	1.008
	9.00	1034.4	998.9	116.81	4.3333	1.070
	10.00	1058.4	1022.9	116.85	4.0000	1.120
	11.00	1077.9	1042.5	116.90	3.7273	1.162
	12.00	1094.2	1058.7	116.94	3.5000	1.197
	13.00	1108.0	1072.5	116.98	3.3077	1.228
	14.00	1119.8	1084.4	117.00	3.1429	1.254
	15.00	1130.1	1094.6	117.02	3.0000	1.277
	16.00	1139.1	1103.6	117.05	2.8750	1.298
	17.00	1147.1	1111.7	117.08	2.7647	1.316
	18.00	1154.3	1118.9	117.13	2.6667	1.332

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: Tk #10420 DST #1 Beyrle 1-12 Ranken Energy Corp

DATE: 09/20/97

TIME: 22:09:57

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	19.00	1160.8	1125.4	117.17	2.5789	1.348
	20.00	1166.8	1131.3	117.23	2.5000	1.361
	21.00	1172.3	1136.8	117.29	2.4286	1.374
	22.00	1177.3	1141.9	117.34	2.3636	1.386
	23.00	1182.0	1146.5	117.38	2.3043	1.397
	24.00	1186.3	1150.9	117.41	2.2500	1.407
	25.00	1190.4	1154.9	117.45	2.2000	1.417
	26.00	1194.1	1158.7	117.49	2.1538	1.426
	27.00	1197.7	1162.2	117.52	2.1111	1.434
	28.00	1201.0	1165.5	117.55	2.0714	1.442
***** End Shut-in 1	29.00	1204.2	1168.7	117.59	2.0345	1.450
***** Start Flow 2	0.00	37.3	0.0	117.62		
	1.00	37.7	0.4	117.61		
	2.00	37.9	0.5	117.61		
	3.00	38.4	1.0	117.61		
	4.00	38.9	1.5	117.63		
	5.00	39.4	2.0	117.67		
	6.00	39.9	2.6	117.72		
	7.00	40.5	3.1	117.76		
	8.00	41.1	3.7	117.79		
	9.00	41.6	4.3	117.77		
	10.00	42.3	5.0	117.71		
	11.00	2148.7	2111.3	117.69		
***** End Flow 2	12.00	45.3	8.0	117.70		
***** Start Shutin 2	0.00	45.3	0.0	117.70	0.0000	0.002
	1.00	2085.9	2040.6	117.66	43.0000	4.351
***** End Shut-in 2	2.00	2132.7	2087.4	117.71	22.0000	4.549
***** Final Hydro.	202.00	2132.7	0.0	117.71		

TEST HISTORY

Tk #10420 DST #1 Beyrle 1-12 Ranken Energy Corp

Flag Points

t(Min.) P(PSIg)

A: 0.00 2169.39
B: 0.00 20.37
C: 30.00 35.47
D: 29.00 1204.18
E: 0.00 37.33
F: 12.00 45.33
Q: 0.00 2132.72

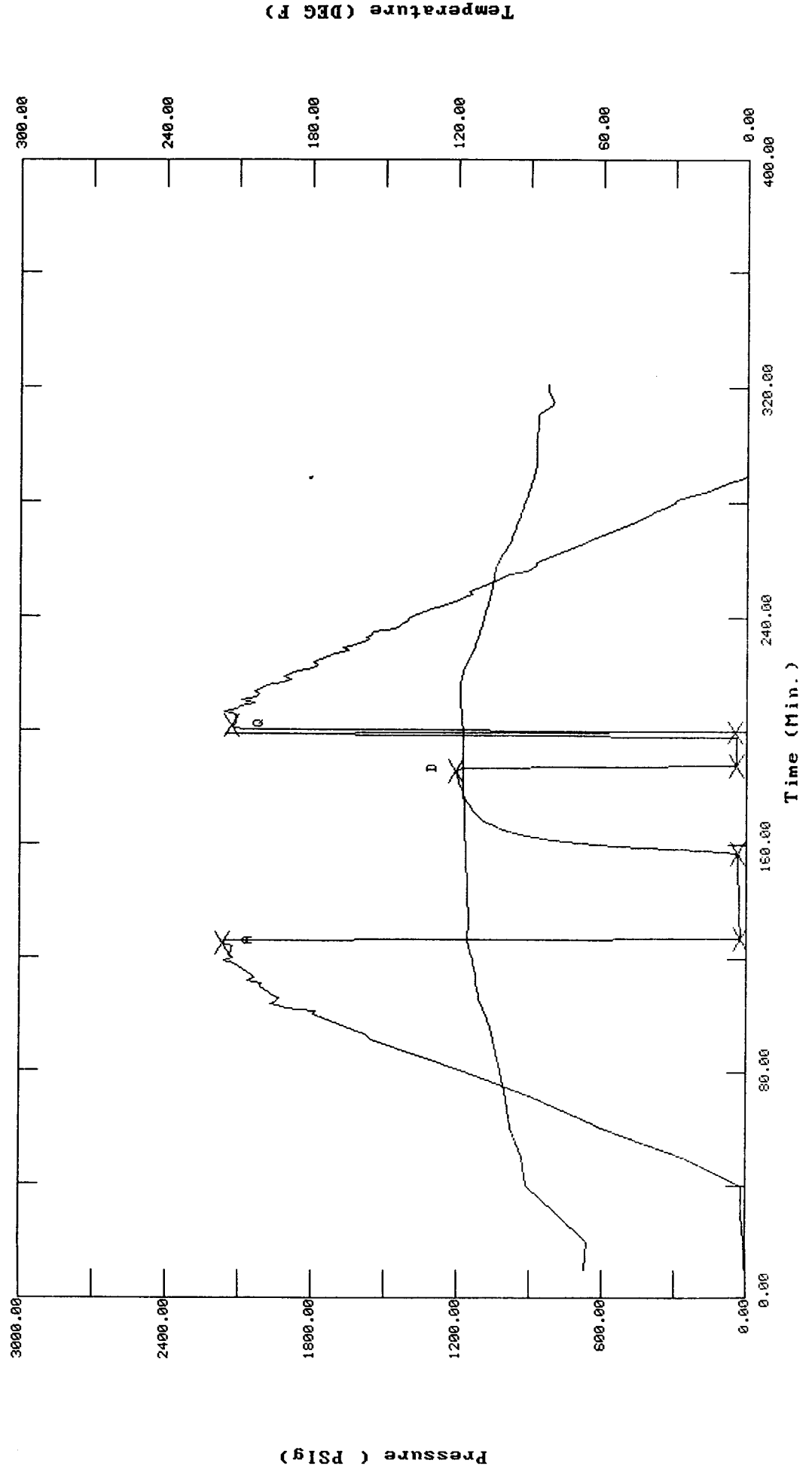
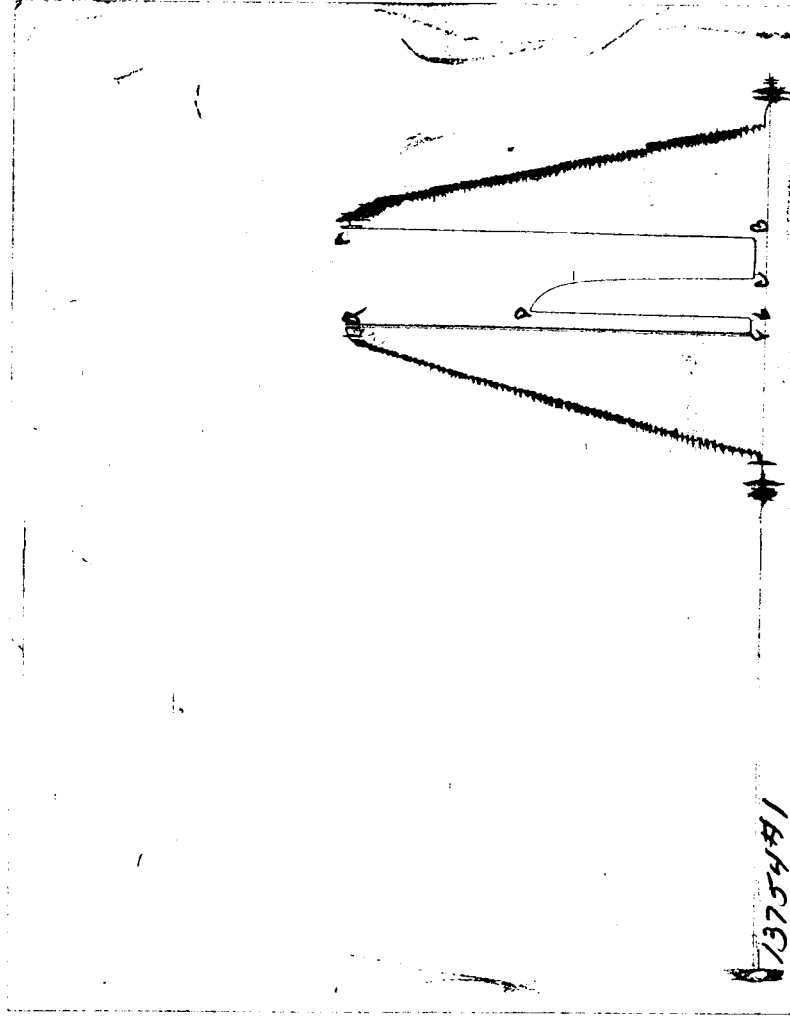


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Ranken Energy Corp
WELL NAME: Beyrle 1-12
LOCATION : 12-16S-23W Ness Co Ks
INTERVAL : 4355.00 To 4405.00 ft

DATE 9-21-97
KB 2433.00 ft TICKET NO: 10421 DST #2
GR 2428.00 ft FORMATION: Cherokee/Miss
TD 4405.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	3227			PF Fr. 1127 to 1157 hr
SI 60 Range(Psi)	4000.0	4000.0	4985.0	0.0	0.0	IS Fr. 1157 to 1257 hr
SF 60 Clock(hrs)	12 hr	12 hr	Elec			SF Fr. 1257 to 1357 hr
FS 120 Depth(ft)	4402.0	4402.0	4359.0	0.0	0.0	FS Fr. 1357 to 1557 hr

	Field	1	2	3	4	
A. Init Hydro	2117.0	2254.0	2177.0	0.0	0.0	T STARTED 0928 hr
B. First Flow	49.0	68.0	29.0	0.0	0.0	T ON BOTM 1125 hr
B1. Final Flow	88.0	103.0	82.0	0.0	0.0	T OPEN 1127 hr
C. In Shut-in	1166.0	1185.0	1187.0	0.0	0.0	T PULLED 1557 hr
D. Init Flow	118.0	130.0	87.0	0.0	0.0	T OUT 1810 hr
E. Final Flow	177.0	187.0	160.0	0.0	0.0	
F. Fl Shut-in	1226.0	1226.0	1226.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2087.0	2217.0	2130.0	0.0	0.0	Tool Wt. 1000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 41000.00 lbs
						Initial Str Wt 41000.00 lbs
						Unseated Str Wt 41000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4352.00 ft
						H.W. I.D 2.70 in
						H.W. Length 599.00 ft

RECOVERY

Tot Fluid 310.00 ft of 0.00 ft in DC and 310.00 ft in DP
186.00 ft of Very Slight Oil Cut Mud
0.00 ft of
124.00 ft of Muddy Water
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 32000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak blow building to 5"

Final Flow:
Weak blow building to 2 1/2"

SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.40 lb/c
Vis. 46.00 S/L
W.L. 8.00 in3
F.C. 0.00 in
Mud Drop N

Amt. of fill 0.00 ft
Btm. H. Temp. 123.00 F
Hole Condition Good
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out N
Tool Chased N
Tester Dan Bangle
Co. Rep. Mark Herndon
Contr. Abercrombie
Rig # 8
Unit #
Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONV

ELL NAME: Beyrle 1-12

LOCATION : 12-16S-23W Ness Co Ks

TICKET No. 10421 D.S.T. No. 2 DATE 9-21-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

TOTAL PACKERS AND ANCHOR 19

TOTAL TOOL 47

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STND.Stands Single Total

P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY 78

C. ABOVE TOOLS.Stands Single Total

P. ABOVE TOOLS.Stands 71 Single Total 4352

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4411

TOTAL DEPTH 4405

TOTAL DRILL PIPE ABOVE K.B. 6

REMARKS:

P.O. SUB	4203
C.O. SUB	4327
S.I. TOOL	4333
HMV	4338
JARS	4343
SAFETY JOINT	4346
PACKER	4350
PACKER	4355
DEPTH 4355	
STUBB 1'	4356
ANCHOR 1' Perfs	4357
1' co sub	4358
Alpine @ 4359	
1 jt dp 32	4389
1' co sub	4390
T.C.	
DEPTH	
5' Perfs	4395
5' Perfs	4400
AK-1 @ 4402	
BULLNOSE 5' Bullplug	4405
T.D.	

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: Tk #10421 DST #2 Beyrle 1-12 Ranken Energy Corp
 DATE: 09/21/97 TIME: 09:28:51

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	112.00	2177.3	0.0	111.56		
***** Start Flow 1	0.00	28.5	0.0	111.50		
	1.00	32.3	3.8	111.34		
	2.00	34.7	6.2	111.19		
	3.00	36.4	7.9	111.10		
	4.00	40.5	12.0	111.08		
	5.00	43.6	15.1	111.08		
	6.00	44.7	16.2	111.07		
	7.00	46.4	17.9	111.04		
	8.00	48.1	19.6	111.02		
	9.00	49.6	21.1	111.03		
	10.00	51.4	22.9	111.06		
	11.00	54.1	25.6	111.11		
	12.00	56.4	27.9	111.16		
	13.00	59.3	30.8	111.21		
	14.00	61.0	32.5	111.23		
	15.00	64.2	35.7	111.24		
	16.00	63.8	35.3	111.33		
	17.00	64.6	36.1	111.45		
	18.00	66.6	38.1	111.55		
	19.00	69.1	40.6	111.60		
	20.00	71.4	42.9	111.64		
	21.00	72.8	44.3	111.69		
	22.00	74.3	45.8	111.77		
	23.00	74.8	46.3	111.87		
	24.00	76.0	47.5	111.97		
	25.00	78.4	49.9	112.07		
	26.00	79.8	51.3	112.15		
	27.00	80.3	51.8	112.24		
	28.00	80.9	52.4	112.32		
***** End Flow 1	29.00	81.7	53.2	112.42		
***** Start Shutin 1	0.00	81.7	0.0	112.42	0.0000	0.007
	1.00	284.5	202.8	112.62	30.0000	0.081
	2.00	582.7	501.0	112.96	15.5000	0.340
	3.00	679.7	598.0	113.36	10.6667	0.462
	4.00	735.3	653.6	113.77	8.2500	0.541
	5.00	774.9	693.2	114.20	6.8000	0.600
	6.00	806.3	724.6	114.62	5.8333	0.650
	7.00	832.7	751.0	114.96	5.1429	0.693
	8.00	855.5	773.8	115.22	4.6250	0.732
	9.00	875.7	794.0	115.41	4.2222	0.767
	10.00	894.0	812.3	115.55	3.9000	0.799
	11.00	910.6	828.9	115.64	3.6364	0.829
	12.00	925.8	844.1	115.71	3.4167	0.857
	13.00	939.9	858.2	115.75	3.2308	0.883
	14.00	953.0	871.3	115.77	3.0714	0.908
	15.00	965.2	883.5	115.79	2.9333	0.932
	16.00	976.6	894.9	115.80	2.8125	0.954
	17.00	987.3	905.6	115.81	2.7059	0.975
	18.00	997.3	915.6	115.81	2.6111	0.995
	19.00	1006.8	925.1	115.80	2.5263	1.014

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: Tk #10421 DST #2 Beyrle 1-12 Ranken Energy Corp

DATE: 09/21/97 TIME: 09:28:51

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	20.00	1015.8	934.1	115.80	2.4500	1.032
	21.00	1024.3	942.6	115.79	2.3810	1.049
	22.00	1032.4	950.7	115.78	2.3182	1.066
	23.00	1040.1	958.4	115.77	2.2609	1.082
	24.00	1047.3	965.6	115.76	2.2083	1.097
	25.00	1054.3	972.6	115.76	2.1600	1.111
	26.00	1060.9	979.2	115.75	2.1154	1.125
	27.00	1067.2	985.5	115.73	2.0741	1.139
	28.00	1073.2	991.5	115.72	2.0357	1.152
	29.00	1079.0	997.3	115.72	2.0000	1.164
	30.00	1084.6	1002.9	115.70	1.9667	1.176
	31.00	1089.9	1008.2	115.69	1.9355	1.188
	32.00	1095.0	1013.3	115.68	1.9062	1.199
	33.00	1100.0	1018.3	115.67	1.8788	1.210
	34.00	1104.7	1023.0	115.66	1.8529	1.220
	35.00	1109.2	1027.5	115.65	1.8286	1.230
	36.00	1113.6	1031.9	115.64	1.8056	1.240
	37.00	1117.8	1036.1	115.64	1.7838	1.250
	38.00	1121.9	1040.2	115.63	1.7632	1.259
	39.00	1125.9	1044.2	115.63	1.7436	1.268
	40.00	1129.7	1048.0	115.61	1.7250	1.276
	41.00	1133.4	1051.7	115.61	1.7073	1.285
	42.00	1136.9	1055.2	115.60	1.6905	1.293
	43.00	1140.4	1058.7	115.59	1.6744	1.300
	44.00	1143.7	1062.0	115.59	1.6591	1.308
	45.00	1146.9	1065.2	115.58	1.6444	1.315
	46.00	1150.0	1068.3	115.58	1.6304	1.323
	47.00	1153.1	1071.4	115.57	1.6170	1.330
	48.00	1156.0	1074.3	115.57	1.6042	1.336
	49.00	1158.8	1077.1	115.56	1.5918	1.343
	50.00	1161.5	1079.8	115.56	1.5800	1.349
	51.00	1164.2	1082.5	115.56	1.5686	1.355
	52.00	1166.8	1085.1	115.56	1.5577	1.361
	53.00	1169.3	1087.6	115.54	1.5472	1.367
	54.00	1171.8	1090.1	115.55	1.5370	1.373
	55.00	1174.2	1092.5	115.55	1.5273	1.379
	56.00	1176.5	1094.8	115.55	1.5179	1.384
	57.00	1178.8	1097.1	115.55	1.5088	1.390
	58.00	1181.0	1099.3	115.54	1.5000	1.395
	59.00	1183.1	1101.4	115.54	1.4915	1.400
	60.00	1185.2	1103.5	115.54	1.4833	1.405
***** End Shut-in 1	61.00	1187.2	1105.5	115.54	1.4754	1.409
***** Start Flow 2	0.00	86.8	0.0	115.53		
	1.00	87.7	0.9	115.52		
	2.00	89.8	3.0	115.59		
	3.00	92.7	5.9	115.75		
	4.00	93.2	6.4	115.98		
	5.00	94.7	7.9	116.24		
	6.00	96.3	9.5	116.50		
	7.00	97.9	11.1	116.74		
	8.00	99.5	12.7	116.95		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: Tk #10421 DST #2 Beyrle 1-12 Ranken Energy Corp

DATE: 09/21/97

TIME: 09:28:51

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
9.00	101.0	14.2	117.13		
10.00	102.5	15.7	117.39		
11.00	104.0	17.2	117.73		
12.00	105.5	18.7	118.12		
13.00	107.2	20.4	118.51		
14.00	108.5	21.6	118.87		
15.00	109.9	23.1	119.19		
16.00	111.3	24.5	119.51		
17.00	112.8	26.0	119.82		
18.00	114.1	27.3	120.11		
19.00	115.4	28.6	120.40		
20.00	116.6	29.8	120.67		
21.00	117.8	31.0	120.92		
22.00	119.0	32.2	121.13		
23.00	120.1	33.3	121.35		
24.00	121.2	34.4	121.59		
25.00	122.3	35.4	121.84		
26.00	123.6	36.8	122.08		
27.00	125.0	38.2	122.29		
28.00	126.4	39.6	122.48		
29.00	127.7	40.9	122.68		
30.00	129.0	42.2	122.87		
31.00	130.2	43.4	123.07		
32.00	131.5	44.7	123.25		
33.00	132.8	46.0	123.42		
34.00	134.0	47.2	123.58		
35.00	135.1	48.3	123.72		
36.00	136.3	49.5	123.85		
37.00	137.5	50.7	123.98		
38.00	138.5	51.7	124.09		
39.00	139.6	52.8	124.20		
40.00	140.8	54.0	124.32		
41.00	142.0	55.2	124.43		
42.00	143.3	56.5	124.53		
43.00	144.5	57.7	124.63		
44.00	145.3	58.5	124.73		
45.00	146.3	59.5	124.81		
46.00	147.0	60.2	124.90		
47.00	148.1	61.3	124.99		
48.00	149.3	62.5	125.06		
49.00	150.4	63.6	125.13		
50.00	151.5	64.7	125.20		
51.00	152.7	65.9	125.27		
52.00	153.9	67.1	125.33		
53.00	154.9	68.1	125.39		
54.00	156.1	69.3	125.44		
55.00	157.2	70.4	125.49		
56.00	158.4	71.6	125.54		
57.00	159.5	72.7	125.59		
58.00	160.5	73.7	125.65		

***** End Flow 2

***** Start Shutin 2 0.00 160.5 0.0 125.65 0.0000 0.026

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: Tk #10421 DST #2 Beyrle 1-12 Ranken Energy Corp

DATE: 09/21/97

TIME: 09:28:51

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
1.00	294.9	134.4	125.69	88.0000	0.087
2.00	569.4	408.9	125.75	44.5000	0.324
3.00	656.2	495.7	125.81	30.0000	0.431
4.00	705.7	545.2	125.83	22.7500	0.498
5.00	740.9	580.4	125.84	18.4000	0.549
6.00	769.0	608.5	125.81	15.5000	0.591
7.00	792.7	632.2	125.76	13.4286	0.628
8.00	813.4	652.9	125.69	11.8750	0.662
9.00	831.9	671.4	125.61	10.6667	0.692
10.00	848.8	688.3	125.52	9.7000	0.720
11.00	864.2	703.7	125.44	8.9091	0.747
12.00	878.4	717.9	125.36	8.2500	0.772
13.00	891.8	731.3	125.29	7.6923	0.795
14.00	904.2	743.8	125.21	7.2143	0.818
15.00	915.9	755.5	125.14	6.8000	0.839
16.00	926.9	766.4	125.07	6.4375	0.859
17.00	937.3	776.8	125.00	6.1176	0.878
18.00	947.1	786.6	124.93	5.8333	0.897
19.00	956.4	795.9	124.87	5.5789	0.915
20.00	965.2	804.7	124.81	5.3500	0.932
21.00	973.6	813.1	124.75	5.1429	0.948
22.00	981.7	821.2	124.70	4.9545	0.964
23.00	989.4	828.9	124.64	4.7826	0.979
24.00	996.8	836.3	124.59	4.6250	0.994
25.00	1003.8	843.3	124.54	4.4800	1.008
26.00	1010.6	850.1	124.49	4.3462	1.021
27.00	1017.1	856.6	124.44	4.2222	1.034
28.00	1023.3	862.8	124.40	4.1071	1.047
29.00	1029.3	868.8	124.36	4.0000	1.059
30.00	1035.0	874.5	124.31	3.9000	1.071
31.00	1040.5	880.1	124.27	3.8065	1.083
32.00	1046.0	885.5	124.23	3.7188	1.094
33.00	1051.1	890.6	124.19	3.6364	1.105
34.00	1056.1	895.6	124.16	3.5588	1.115
35.00	1060.9	900.4	124.12	3.4857	1.125
36.00	1065.5	905.1	124.09	3.4167	1.135
37.00	1070.1	909.6	124.05	3.3514	1.145
38.00	1074.4	914.0	124.01	3.2895	1.154
39.00	1078.7	918.2	123.96	3.2308	1.163
40.00	1082.8	922.3	123.92	3.1750	1.172
41.00	1086.7	926.2	123.88	3.1220	1.181
42.00	1090.6	930.1	123.83	3.0714	1.189
43.00	1094.3	933.8	123.78	3.0233	1.198
44.00	1098.0	937.5	123.73	2.9773	1.206
45.00	1101.5	941.0	123.68	2.9333	1.213
46.00	1104.9	944.4	123.64	2.8913	1.221
47.00	1108.3	947.8	123.59	2.8511	1.228
48.00	1111.5	951.0	123.55	2.8125	1.235
49.00	1114.6	954.1	123.52	2.7755	1.242
50.00	1117.7	957.2	123.48	2.7400	1.249
51.00	1120.6	960.2	123.44	2.7059	1.256

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: Tk #10421 DST #2 Beyrle 1-12 Ranken Energy Corp

DATE: 09/21/97

TIME: 09:28:51

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
52.00	1123.5	963.0	123.41	2.6731	1.262
53.00	1126.4	965.9	123.37	2.6415	1.269
54.00	1129.1	968.6	123.36	2.6111	1.275
55.00	1131.8	971.3	123.33	2.5818	1.281
56.00	1134.4	973.9	123.31	2.5536	1.287
57.00	1137.0	976.5	123.28	2.5263	1.293
58.00	1139.5	979.0	123.26	2.5000	1.298
59.00	1141.9	981.4	123.24	2.4746	1.304
60.00	1144.3	983.8	123.22	2.4500	1.309
61.00	1146.5	986.1	123.20	2.4262	1.315
62.00	1148.8	988.4	123.19	2.4032	1.320
63.00	1151.0	990.6	123.16	2.3810	1.325
64.00	1153.2	992.7	123.14	2.3594	1.330
65.00	1155.3	994.8	123.13	2.3385	1.335
66.00	1157.4	996.9	123.11	2.3182	1.339
67.00	1159.4	998.9	123.09	2.2985	1.344
68.00	1161.3	1000.9	123.07	2.2794	1.349
69.00	1163.3	1002.8	123.04	2.2609	1.353
70.00	1165.1	1004.7	123.02	2.2429	1.358
71.00	1167.0	1006.5	123.00	2.2254	1.362
72.00	1168.8	1008.3	122.97	2.2083	1.366
73.00	1170.6	1010.1	122.96	2.1918	1.370
74.00	1172.3	1011.8	122.95	2.1757	1.374
75.00	1174.0	1013.5	122.93	2.1600	1.378
76.00	1175.6	1015.2	122.91	2.1447	1.382
77.00	1177.3	1016.8	122.89	2.1299	1.386
78.00	1178.9	1018.4	122.87	2.1154	1.390
79.00	1180.5	1020.0	122.84	2.1013	1.394
80.00	1182.0	1021.5	122.83	2.0875	1.397
81.00	1183.5	1023.0	122.82	2.0741	1.401
82.00	1185.0	1024.5	122.81	2.0610	1.404
83.00	1186.4	1025.9	122.78	2.0482	1.407
84.00	1187.8	1027.3	122.78	2.0357	1.411
85.00	1189.2	1028.8	122.76	2.0235	1.414
86.00	1190.6	1030.1	122.75	2.0116	1.417
87.00	1191.9	1031.4	122.74	2.0000	1.421
88.00	1193.2	1032.7	122.72	1.9886	1.424
89.00	1194.5	1034.0	122.71	1.9775	1.427
90.00	1195.8	1035.3	122.69	1.9667	1.430
91.00	1197.0	1036.5	122.68	1.9560	1.433
92.00	1198.2	1037.7	122.66	1.9457	1.436
93.00	1199.4	1038.9	122.65	1.9355	1.439
94.00	1200.6	1040.1	122.64	1.9255	1.441
95.00	1201.7	1041.3	122.63	1.9158	1.444
96.00	1202.9	1042.4	122.61	1.9062	1.447
97.00	1204.0	1043.5	122.59	1.8969	1.450
98.00	1205.1	1044.6	122.58	1.8878	1.452
99.00	1206.2	1045.7	122.56	1.8788	1.455
100.00	1207.2	1046.7	122.55	1.8700	1.457
101.00	1208.2	1047.8	122.54	1.8614	1.460
102.00	1209.3	1048.8	122.52	1.8529	1.462

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: Tk #10421 DST #2 Beyrle 1-12 Ranken Energy Corp

DATE: 09/21/97 TIME: 09:28:51

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	103.00	1210.2	1049.8	122.51	1.8447	1.465
	104.00	1211.3	1050.8	122.50	1.8365	1.467
	105.00	1212.3	1051.8	122.49	1.8286	1.470
	106.00	1213.2	1052.7	122.49	1.8208	1.472
	107.00	1214.1	1053.7	122.48	1.8131	1.474
	108.00	1215.0	1054.6	122.46	1.8056	1.476
	109.00	1215.9	1055.5	122.45	1.7982	1.479
	110.00	1216.9	1056.4	122.44	1.7909	1.481
	111.00	1217.7	1057.3	122.43	1.7838	1.483
	112.00	1218.6	1058.1	122.41	1.7768	1.485
	113.00	1219.4	1059.0	122.40	1.7699	1.487
	114.00	1220.3	1059.8	122.39	1.7632	1.489
	115.00	1221.1	1060.6	122.40	1.7565	1.491
	116.00	1221.9	1061.4	122.36	1.7500	1.493
	117.00	1222.8	1062.3	122.37	1.7436	1.495
	118.00	1223.5	1063.0	122.36	1.7373	1.497
	119.00	1224.3	1063.8	122.36	1.7311	1.499
	120.00	1225.1	1064.6	122.35	1.7250	1.501
***** End Shut-in 2	121.00	1225.8	1065.3	122.34	1.7190	1.503
***** Final Hydro.	385.00	2129.5	0.0	122.38		

TEST HISTORY

Tk #10421 DST #2 Beyrle 1-12 Ranken Energy Corp

Flag Points

t(Min.) P(PSig)

A: 0.00 2177.31
 B: 0.00 28.50
 C: 29.00 81.70
 D: 61.00 1187.20
 E: 0.00 86.80
 F: 58.00 160.48
 G: 121.00 1225.81
 O: 0.00 2129.48

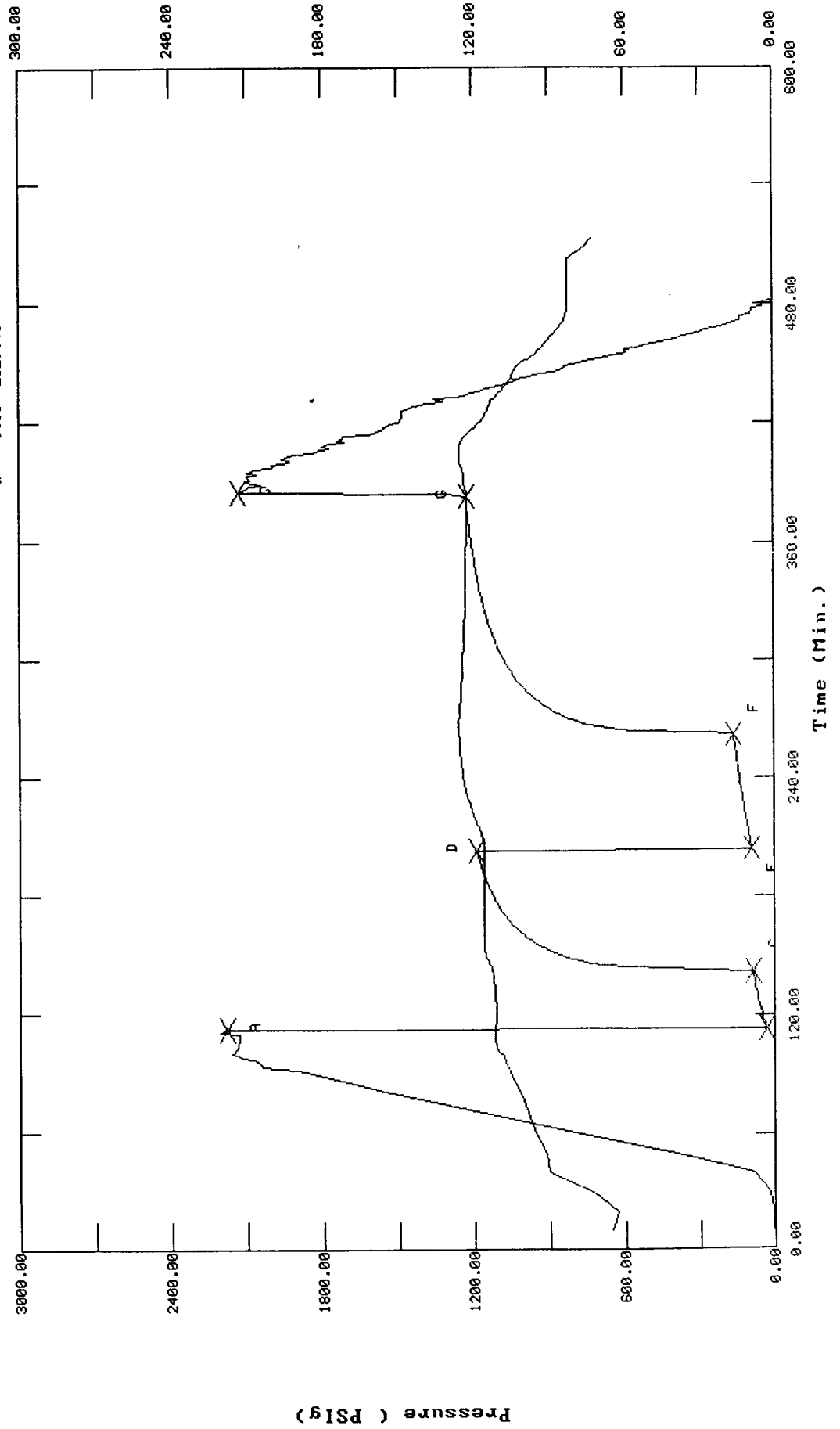
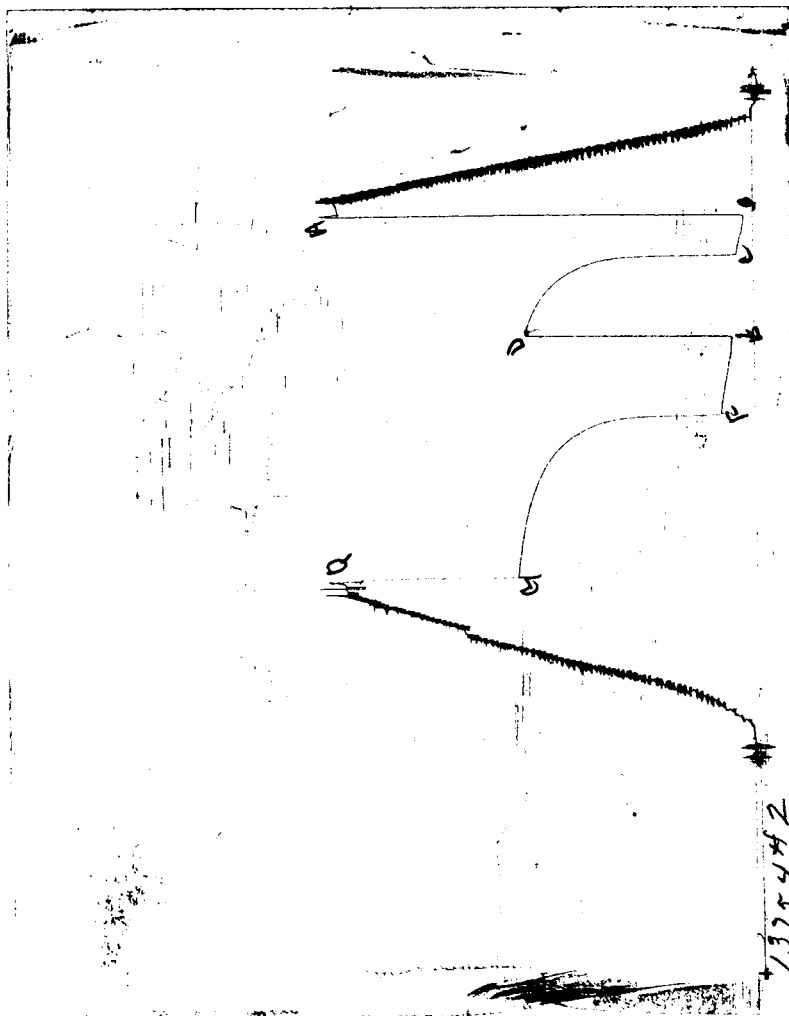


CHART PAGE



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