

17-32s-30w

ORIGINAL

15-119-20971

Computer Inventoried
CONFIDENTIAL

WELL NAME: Roehr #1-17
COMPANY: Cross Bar Petroleum Inc.
LOCATION: Sec. 17 Twp. 32s Rge. 30w
Meade County Kansas
DATE: 11-20-96

DEC 16

CONFIDENTIAL

RELEASED

SEP 25 1998

FROM CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Cross Bar Pet. Inc.

DATE 11-13-96

WELL NAME: Roehr #1-17

KB 2774.00 ft

TICKET NO: 9079

DST #1

LOCATION : 17-32S-30W

GR 2769.00 ft

FORMATION: Morrow

INTERVAL : 5581.00 To 5624.00 ft

TD 5624.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	2836	2836	2351			PF Fr. 0119 to 0204 hr
SI 60 Range(Psi)	3500.0	3500.0	4995.0	0.0	0.0	IS Fr. 0204 to 0304 hr
SF 60 Clock(hrs)	12HR.	12HR.	elec.			SF Fr. 0304 to 0404 hr
FS 120 Depth(ft)	5621.0	5621.0	5584.0	0.0	0.0	FS Fr. 0404 to 0604 hr

	Field	1	2	3	4	
A. Init Hydro	2713.0	2709.0	2762.0	0.0	0.0	T STARTED 2220 hr
B. First Flow	77.0	88.0	48.0	0.0	0.0	T ON BOTM 0116 hr
B1. Final Flow	77.0	84.0	84.0	0.0	0.0	T OPEN 0119 hr
C. In Shut-in	1290.0	1291.0	1360.0	0.0	0.0	T PULLED 0604 hr
D. Init Flow	102.0	124.0	100.0	0.0	0.0	T OUT 0915 hr
E. Final Flow	136.0	141.0	136.0	0.0	0.0	
F. Fl Shut-in	1282.0	1286.0	1348.0	0.0	0.0	
G. Final Hydro	2558.0	2572.0	2605.0	0.0	0.0	
Inside/Outside	O	O	I			

RECOVERY

Tot Fluid 270.00 ft of 0.00 ft in DC and 270.00 ft in DP
 30.00 ft of 100% Drlg. Mud
 0.00 ft of
 60.00 ft of Slightly watery mud w/film oil 20%w 80%
 0.00 ft of
 120.00 ft of water & gas cut mud with film oil 25%gas
 0.00 ft of 25%water 50%mud
 60.00 ft of slightly gas cut muddy water 5%gas 60%water
 0.00 ft of 35%Mud
 SALINITY 62000.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA-----
 Tool Wt. 1800.00 lbs
 Wt Set On Packer 30000.00 lbs
 Wt Pulled Loose 85000.00 lbs
 Initial Str Wt 75000.00 lbs
 Unseated Str Wt 80000.00 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 0.00 ft
 D.P. Length 5570.00 ft
 H.W. I.D 2.70 in
 H.W. Length 285.00 ft

MUD DATA-----
 Mud Type Chemical
 Weight 9.10 lb/
 Vis. 54.00 S/L
 W.L. 9.80 in3
 F.C. 0.00 in
 Mud Drop Y 25.0 ft

BLOW DESCRIPTION

Initial Flow -
 Strong blow - bottom of bucket
 in 4 min.

Initial Shut-in -
 Bled of 2" - no blow back

Final Flow -
 Strong blow - bottom of bucket in
 1 min.

Final Shut-in -
 Bled off 2" - no blow back

SAMPLES: No
 SENT TO:

Amt. of fill 0.00 ft
 Btm. H. Temp. 126.00 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 Mike Colantonio
 Co. Rep. Harold Trapp
 Contr. Abercrombie
 Rig # 4
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Roehr #1-17	P.O. SUB	
	C.O. SUB	5554
LOCATION : 17-32S-30W	S.I. TOOL Shutin tool	5560
TICKET No. 9079 D.S.T. No. 1 DATE		
TOTAL TOOL TO BOTTOM OF TOP PACKERS 28	HMV Hydraulic Tool	5565
INTERVAL TOOL		
BOTTOM PACKERS AND ANCHOR 43	JARS	5570
TOTAL TOOL 71		
DRILL COLLAR ANCHOR IN INTERVAL		
D.C. ANCHOR STND.Stands Single Total	SAFETY JOINT	5572
D.P. ANCHOR STND.Stands Single Total	PACKER	5576
TOTAL ASSEMBLY	PACKER	5581
D.C. ABOVE TOOLS.Stands Single Total	DEPTH 5581	5581
D.P. ABOVE TOOLS.Stands89 Single Total 5570	STUBB	5582
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5641	ANCHOR	
	Alpine Recorder	5584
	6' pickup sub	5588
TOTAL DEPTH 5624	25' perfs	5613
TOTAL DRILL PIPE ABOVE K.B. 17		
REMARKS:	4' perf	5617
	T.C.	
	DEPTH	
	3' perf	5620
	AK-1 Recorder	5621
	1' C.O. sub	5621
	BULLNOSE	
	T.D. 3'	5624

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9079 DST#1 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/13/96

TIME: 23:47:19

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	166.00	2762.2	0.0	109.88		
***** Start Flow 1	0.00	48.8	0.0	110.31		
	1.00	34.6	-14.2	110.53		
	2.00	37.5	-11.3	110.93		
	3.00	39.2	-9.6	111.41		
	4.00	39.5	-9.3	111.88		
	5.00	41.0	-7.8	112.30		
	6.00	45.1	-3.7	112.66		
	7.00	43.7	-5.1	112.97		
	8.00	42.6	-6.2	113.24		
	9.00	46.0	-2.8	113.46		
	10.00	46.0	-2.8	113.64		
	11.00	48.7	-0.1	113.78		
	12.00	48.2	-0.6	113.90		
	13.00	50.3	1.5	114.02		
	14.00	50.7	1.9	114.11		
	15.00	51.9	3.1	114.20		
	16.00	54.0	5.1	114.27		
	17.00	54.9	6.1	114.34		
	18.00	55.7	6.8	114.41		
	19.00	56.6	7.8	114.46		
	20.00	59.5	10.7	114.52		
	21.00	59.5	10.7	114.56		
	22.00	60.3	11.5	114.59		
	23.00	62.4	13.6	114.63		
	24.00	63.0	14.2	114.66		
	25.00	64.9	16.1	114.69		
	26.00	66.0	17.2	114.73		
	27.00	66.9	18.0	114.78		
	28.00	68.5	19.6	114.82		
	29.00	69.0	20.2	114.88		
	30.00	69.9	21.1	114.98		
	31.00	71.8	23.0	115.08		
	32.00	71.9	23.1	115.19		
	33.00	73.9	25.1	115.26		
	34.00	75.1	26.3	115.35		
	35.00	74.2	25.4	115.44		
	36.00	76.8	28.0	115.54		
	37.00	77.1	28.3	115.64		
	38.00	79.7	30.9	115.75		
	39.00	78.6	29.8	115.87		
	40.00	80.5	31.6	116.01		
	41.00	80.5	31.7	116.16		
	42.00	81.9	33.0	116.30		
	43.00	81.9	33.1	116.44		
	44.00	83.0	34.1	116.57		
***** End Flow 1	45.00	84.4	35.6	116.70		
***** Start Shutin 1	0.00	84.4	0.0	116.70	0.0000	0.007
	1.00	115.5	31.1	116.82	46.0000	0.013
	2.00	158.3	73.9	116.92	23.5000	0.025
	3.00	201.8	117.4	117.02	16.0000	0.041

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4.00	245.9	161.5	117.10	12.2500	0.060
5.00	290.9	206.5	117.18	10.0000	0.085
6.00	336.5	252.1	117.23	8.5000	0.113
7.00	382.7	298.3	117.30	7.4286	0.146
8.00	429.4	345.0	117.35	6.6250	0.184
9.00	476.4	392.0	117.40	6.0000	0.227
10.00	523.8	439.4	117.44	5.5000	0.274
11.00	571.5	487.1	117.49	5.0909	0.327
12.00	618.7	534.3	117.53	4.7500	0.383
13.00	665.6	581.2	117.57	4.4615	0.443
14.00	711.6	627.2	117.60	4.2143	0.506
15.00	756.7	672.3	117.63	4.0000	0.573
16.00	800.5	716.1	117.66	3.8125	0.641
17.00	842.5	758.1	117.68	3.6471	0.710
18.00	882.7	798.3	117.70	3.5000	0.779
19.00	920.7	836.3	117.72	3.3684	0.848
20.00	956.3	871.9	117.73	3.2500	0.915
21.00	989.7	905.3	117.75	3.1429	0.980
22.00	1020.6	936.2	117.77	3.0455	1.042
23.00	1049.1	964.7	117.79	2.9565	1.101
24.00	1075.3	990.9	117.81	2.8750	1.156
25.00	1099.2	1014.8	117.83	2.8000	1.208
26.00	1121.2	1036.8	117.91	2.7308	1.257
27.00	1141.2	1056.8	117.86	2.6667	1.302
28.00	1159.5	1075.1	117.89	2.6071	1.344
29.00	1176.0	1091.6	117.90	2.5517	1.383
30.00	1191.2	1106.8	117.93	2.5000	1.419
31.00	1205.0	1120.6	117.94	2.4516	1.452
32.00	1217.6	1133.2	117.95	2.4062	1.483
33.00	1229.1	1144.7	117.97	2.3636	1.511
34.00	1239.8	1155.4	117.99	2.3235	1.537
35.00	1249.4	1165.0	118.01	2.2857	1.561
36.00	1258.4	1174.0	118.03	2.2500	1.583
37.00	1266.6	1182.2	118.03	2.2162	1.604
38.00	1274.2	1189.8	118.05	2.1842	1.624
39.00	1281.3	1196.9	118.07	2.1538	1.642
40.00	1287.8	1203.4	118.08	2.1250	1.659
41.00	1293.9	1209.5	118.09	2.0976	1.674
42.00	1299.7	1215.3	118.11	2.0714	1.689
43.00	1305.0	1220.6	118.12	2.0465	1.703
44.00	1310.0	1225.6	118.09	2.0227	1.716
45.00	1314.7	1230.3	118.15	2.0000	1.728
46.00	1319.2	1234.8	118.16	1.9783	1.740
47.00	1323.5	1239.1	118.17	1.9574	1.752
48.00	1327.4	1243.0	118.18	1.9375	1.762
49.00	1331.3	1246.9	118.19	1.9184	1.772
50.00	1334.8	1250.4	118.19	1.9000	1.782
51.00	1338.3	1253.9	118.20	1.8824	1.791
52.00	1341.5	1257.1	118.21	1.8654	1.800
53.00	1344.7	1260.3	118.22	1.8491	1.808
54.00	1347.7	1263.3	118.24	1.8333	1.816

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	55.00	1350.5	1266.1	118.23	1.8182	1.824
	56.00	1353.3	1268.9	118.25	1.8036	1.831
	57.00	1355.9	1271.5	118.27	1.7895	1.838
	58.00	1358.4	1274.0	118.27	1.7759	1.845
***** End Shut-in 1	59.00	1360.8	1276.4	118.30	1.7627	1.852
***** Start Flow 2	0.00	100.7	0.0	118.26		
	1.00	107.8	7.1	118.30		
	2.00	101.7	1.1	118.36		
	3.00	113.5	12.8	118.41		
	4.00	115.0	14.3	118.43		
	5.00	115.5	14.8	118.55		
	6.00	116.9	16.2	118.63		
	7.00	119.0	18.3	118.71		
	8.00	119.8	19.1	118.80		
	9.00	120.4	19.7	118.88		
	10.00	121.6	20.9	118.96		
	11.00	121.2	20.6	119.04		
	12.00	121.4	20.7	119.11		
	13.00	122.4	21.7	119.17		
	14.00	124.1	23.5	119.24		
	15.00	123.9	23.2	119.30		
	16.00	119.4	18.7	119.36		
	17.00	125.7	25.1	119.42		
	18.00	119.8	19.1	119.47		
	19.00	127.2	26.5	119.52		
	20.00	122.8	22.1	119.57		
	21.00	124.5	23.8	119.62		
	22.00	123.3	22.6	119.66		
	23.00	124.3	23.6	119.70		
	24.00	125.5	24.8	119.75		
	25.00	125.8	25.1	119.78		
	26.00	127.3	26.6	119.82		
	27.00	129.1	28.4	119.86		
	28.00	128.1	27.4	119.88		
	29.00	127.5	26.8	119.94		
	30.00	129.3	28.6	119.97		
	31.00	128.1	27.4	120.00		
	32.00	130.6	29.9	120.05		
	33.00	129.6	28.9	120.08		
	34.00	131.5	30.8	120.12		
	35.00	130.0	29.3	120.15		
	36.00	129.9	29.2	120.19		
	37.00	132.5	31.8	120.23		
	38.00	130.3	29.7	120.26		
	39.00	132.0	31.3	120.29		
	40.00	131.3	30.6	120.32		
	41.00	132.5	31.8	120.35		
	42.00	134.1	33.4	120.38		
	43.00	133.3	32.6	120.41		
	44.00	133.3	32.6	120.44		
	45.00	135.2	34.5	120.48		

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	46.00	134.6	33.9	120.51		
	47.00	134.3	33.7	120.54		
	48.00	134.3	33.6	120.58		
	49.00	136.5	35.8	120.61		
	50.00	135.2	34.6	120.64		
	51.00	137.1	36.4	120.68		
	52.00	137.1	36.4	120.72		
	53.00	136.7	36.0	120.75		
***** End Flow 2	54.00	137.7	37.0	120.79		
***** Start Shutin 2	0.00	137.7	0.0	120.79	0.0000	0.019
	1.00	137.6	-0.0	120.83	100.0000	0.019
	2.00	138.3	0.6	120.86	50.5000	0.019
	3.00	160.2	22.5	120.90	34.0000	0.026
	4.00	182.0	44.3	120.94	25.7500	0.033
	5.00	203.9	66.2	120.98	20.8000	0.042
	6.00	225.8	88.1	121.02	17.5000	0.051
	7.00	247.8	110.1	121.08	15.1429	0.061
	8.00	270.0	132.3	121.13	13.3750	0.073
	9.00	292.1	154.4	121.17	12.0000	0.085
	10.00	314.3	176.6	121.22	10.9000	0.099
	11.00	336.6	198.9	121.27	10.0000	0.113
	12.00	359.0	221.3	121.32	9.2500	0.129
	13.00	381.3	243.6	121.36	8.6154	0.145
	14.00	403.8	266.1	121.41	8.0714	0.163
	15.00	426.2	288.6	121.47	7.6000	0.182
	16.00	448.8	311.1	121.52	7.1875	0.201
	17.00	471.2	333.6	121.59	6.8235	0.222
	18.00	493.6	356.0	121.65	6.5000	0.244
	19.00	516.1	378.4	121.74	6.2105	0.266
	20.00	538.4	400.7	121.82	5.9500	0.290
	21.00	560.6	423.0	121.91	5.7143	0.314
	22.00	582.8	445.2	121.98	5.5000	0.340
	23.00	604.8	467.1	122.05	5.3043	0.366
	24.00	626.6	488.9	122.10	5.1250	0.393
	25.00	648.4	510.8	122.14	4.9600	0.420
	26.00	670.0	532.3	122.16	4.8077	0.449
	27.00	691.2	553.6	122.17	4.6667	0.478
	28.00	712.3	574.6	122.17	4.5357	0.507
	29.00	733.2	595.5	122.18	4.4138	0.538
	30.00	753.7	616.0	122.19	4.3000	0.568
	31.00	773.9	636.3	122.20	4.1935	0.599
	32.00	793.9	656.2	122.20	4.0938	0.630
	33.00	813.5	675.9	122.13	4.0000	0.662
	34.00	832.7	695.0	122.22	3.9118	0.693
	35.00	851.6	713.9	122.23	3.8286	0.725
	36.00	870.1	732.4	122.24	3.7500	0.757
	37.00	888.2	750.5	122.24	3.6757	0.789
	38.00	905.8	768.1	122.25	3.6053	0.820
	39.00	923.0	785.3	122.26	3.5385	0.852
	40.00	939.7	802.0	122.28	3.4750	0.883
	41.00	956.0	818.3	122.27	3.4146	0.914

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42.00	971.9	834.2	122.28	3.3571	0.945
43.00	987.4	849.7	122.30	3.3023	0.975
44.00	1002.3	864.6	122.29	3.2500	1.005
45.00	1016.7	879.1	122.30	3.2000	1.034
46.00	1030.8	893.1	122.31	3.1522	1.063
47.00	1044.3	906.6	122.31	3.1064	1.091
48.00	1057.3	919.7	122.31	3.0625	1.118
49.00	1069.9	932.2	122.31	3.0204	1.145
50.00	1082.0	944.3	122.33	2.9800	1.171
51.00	1093.7	956.0	122.32	2.9412	1.196
52.00	1104.8	967.2	122.34	2.9038	1.221
53.00	1115.6	978.0	122.34	2.8679	1.245
54.00	1125.9	988.2	122.34	2.8333	1.268
55.00	1135.8	998.1	122.34	2.8000	1.290
56.00	1145.2	1007.5	122.35	2.7679	1.311
57.00	1154.2	1016.5	122.35	2.7368	1.332
58.00	1162.9	1025.3	122.35	2.7069	1.352
59.00	1171.3	1033.6	122.37	2.6780	1.372
60.00	1179.0	1041.4	122.36	2.6500	1.390
61.00	1186.6	1048.9	122.36	2.6230	1.408
62.00	1193.8	1056.1	122.37	2.5968	1.425
63.00	1200.7	1063.0	122.36	2.5714	1.442
64.00	1207.2	1069.6	122.37	2.5469	1.457
65.00	1213.4	1075.8	122.38	2.5231	1.472
66.00	1219.5	1081.8	122.37	2.5000	1.487
67.00	1225.1	1087.4	122.38	2.4776	1.501
68.00	1230.5	1092.9	122.38	2.4559	1.514
69.00	1235.7	1098.0	122.39	2.4348	1.527
70.00	1240.6	1103.0	122.38	2.4143	1.539
71.00	1245.4	1107.7	122.39	2.3944	1.551
72.00	1250.0	1112.4	122.39	2.3750	1.563
73.00	1254.2	1116.5	122.39	2.3562	1.573
74.00	1258.5	1120.8	122.40	2.3378	1.584
75.00	1262.5	1124.8	122.40	2.3200	1.594
76.00	1266.3	1128.6	122.40	2.3026	1.603
77.00	1270.0	1132.4	122.40	2.2857	1.613
78.00	1273.6	1135.9	122.40	2.2692	1.622
79.00	1276.9	1139.2	122.39	2.2532	1.631
80.00	1280.2	1142.5	122.40	2.2375	1.639
81.00	1283.3	1145.7	122.39	2.2222	1.647
82.00	1286.3	1148.6	122.40	2.2073	1.654
83.00	1289.1	1151.4	122.40	2.1928	1.662
84.00	1291.9	1154.2	122.51	2.1786	1.669
85.00	1294.5	1156.9	122.39	2.1647	1.676
86.00	1297.2	1159.5	122.40	2.1512	1.683
87.00	1299.7	1162.1	122.40	2.1379	1.689
88.00	1302.2	1164.5	122.41	2.1250	1.696
89.00	1304.5	1166.8	122.40	2.1124	1.702
90.00	1306.8	1169.1	122.39	2.1000	1.708
91.00	1309.0	1171.4	122.40	2.0879	1.714
92.00	1311.1	1173.4	122.41	2.0761	1.719

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9079 DST#1 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/13/96

TIME: 23:47:19

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	93.00	1313.2	1175.5	122.41	2.0645	1.724
	94.00	1315.2	1177.5	122.41	2.0532	1.730
	95.00	1317.3	1179.6	122.40	2.0421	1.735
	96.00	1319.0	1181.4	122.40	2.0312	1.740
	97.00	1320.9	1183.3	122.41	2.0206	1.745
	98.00	1322.7	1185.1	122.39	2.0102	1.750
	99.00	1324.5	1186.8	122.41	2.0000	1.754
	100.00	1326.2	1188.6	122.41	1.9900	1.759
	101.00	1327.8	1190.1	122.41	1.9802	1.763
	102.00	1329.5	1191.9	122.40	1.9706	1.768
	103.00	1331.2	1193.5	122.41	1.9612	1.772
	104.00	1332.7	1195.0	122.41	1.9519	1.776
	105.00	1334.2	1196.5	122.44	1.9429	1.780
	106.00	1335.5	1197.9	122.40	1.9340	1.784
	107.00	1337.2	1199.5	122.40	1.9252	1.788
	108.00	1338.4	1200.8	122.41	1.9167	1.791
	109.00	1339.7	1202.1	122.41	1.9083	1.795
	110.00	1341.1	1203.4	122.41	1.9000	1.799
	111.00	1342.4	1204.8	122.41	1.8919	1.802
	112.00	1343.8	1206.1	122.42	1.8839	1.806
	113.00	1345.0	1207.4	122.40	1.8761	1.809
	114.00	1346.3	1208.6	122.41	1.8684	1.813
	115.00	1347.5	1209.8	122.42	1.8609	1.816
	116.00	1348.7	1211.0	122.41	1.8534	1.819
	117.00	1350.0	1212.4	122.42	1.8462	1.823
	118.00	1351.1	1213.4	122.41	1.8390	1.825
	119.00	1352.1	1214.4	122.42	1.8319	1.828
	120.00	1353.1	1215.4	122.41	1.8250	1.831
	121.00	1354.3	1216.7	122.42	1.8182	1.834
***** End Shut-in 2	122.00	1355.4	1217.8	122.42	1.8115	1.837
***** Final Hydro.	464.00	2606.0	0.0	121.67		

TEST HISTORY

9079 DST#1 Roehr #1-17 Cross Bar Pet. Inc.

Flag Points

t (Min.) P (PSig)

A: 0.00 2762.20
 B: 0.00 48.81
 C: 45.00 84.40
 D: 59.00 1360.75
 E: 0.00 100.68
 F: 54.00 137.67
 G: 122.00 1355.45
 Q: 0.00 2605.97

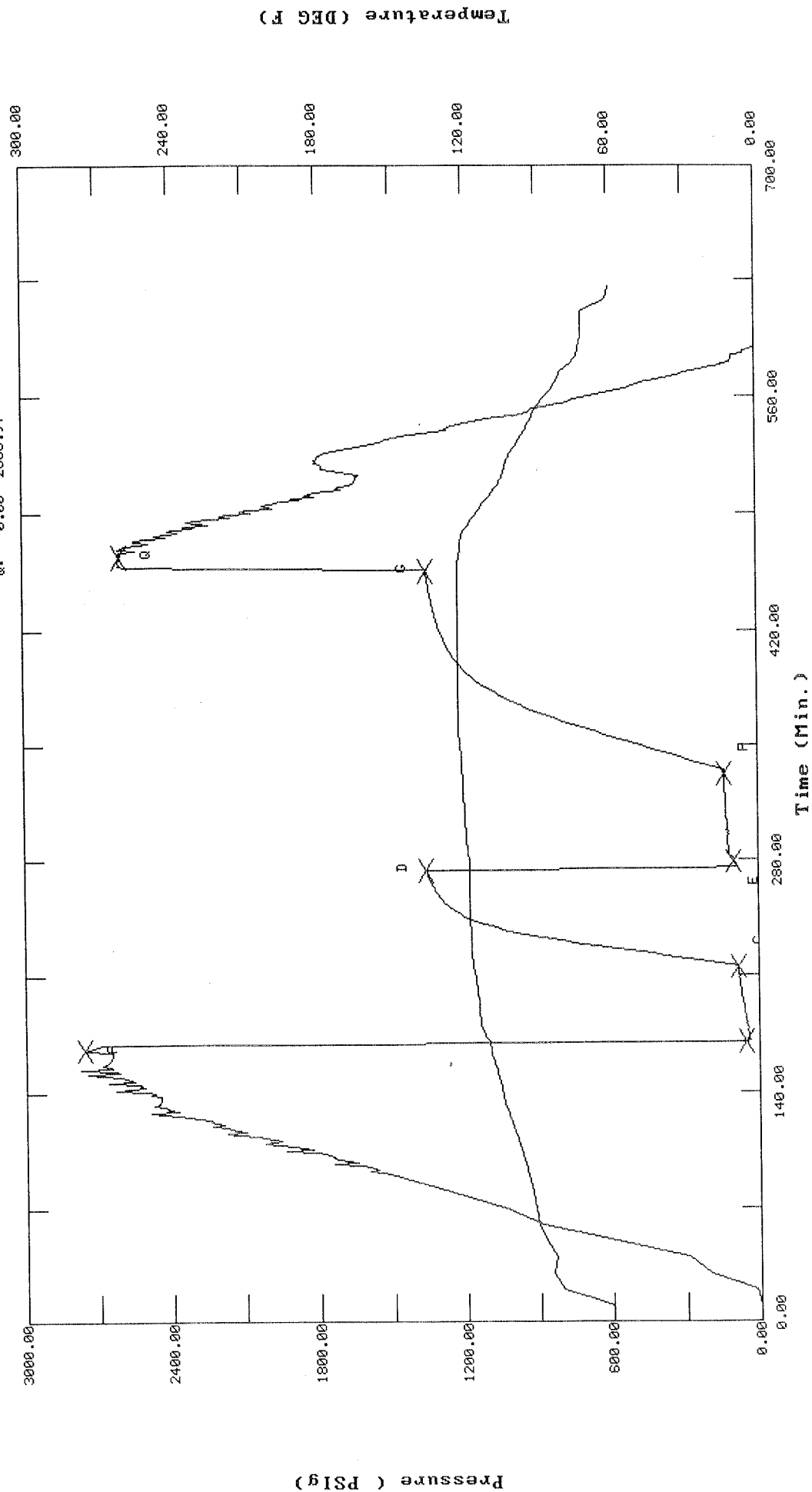
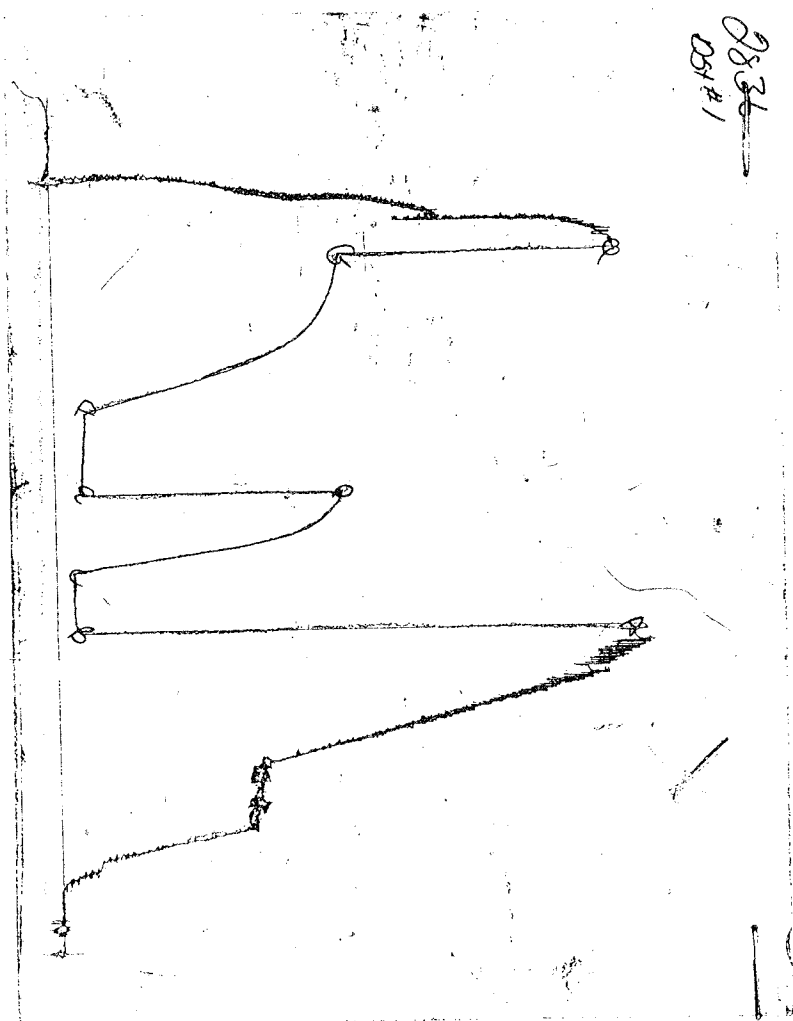


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Cross Bar Pet. Inc.

DATE 11-14-96

WELL NAME: Roehr #1-17

KB 2774.00 ft

TICKET NO: 9080

DST #2

LOCATION : 17-32S-30W

GR 2769.00 ft

FORMATION: Morrow

INTERVAL : 5610.00 To 5634.00 ft

TD 5634.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 45	Rec.	2836	2836	2346			PF Fr. 2025 to 2110 hr
SI 60	Range(Psi)	3500.0	3500.0	4995.0	0.0	0.0	IS Fr. 2110 to 2210 hr
SF 45	Clock(hrs)	12HR.	12HR.	elec.			SF Fr. 2210 to 2255 hr
FS 90	Depth(ft)	5631.0	5631.0	5613.0	0.0	0.0	FS Fr. 2255 to 0025 hr

	Field	1	2	3	4	
A. Init Hydro	2622.0	2628.0	2732.0	0.0	0.0	T STARTED 1800 hr
B. First Flow	25.0	33.0	42.0	0.0	0.0	T ON BOTM 2022 hr
B1. Final Flow	51.0	57.0	124.0	0.0	0.0	T OPEN 2025 hr
C. In Shut-in	1333.0	1310.0	1424.0	0.0	0.0	T PULLED 0025 hr
D. Init Flow	119.0	127.0	38.0	0.0	0.0	T OUT 0415 hr
E. Final Flow	128.0	127.0	185.0	0.0	0.0	
F. Fl Shut-in	1307.0	1305.0	1419.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2485.0	2493.0	2603.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 82000.00 lbs
						Initial Str Wt 75000.00 lbs
						Unseated Str Wt 78000.00 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 0.00 ft
						D.P. Length 5305.00 ft
						H.W. I.D 2.70 in
						H.W. Length 285.00 ft

RECOVERY

Tot Fluid 330.00 ft of 0.00 ft in DC and 330.00 ft in DP

1710.00 ft of Gas in Pipe

30.00 ft of Slight oil gas with 8%Gas 2%Oil 30%Water

0.00 ft of watery mud 60%Mud

120.00 ft of Oil & Gas cut 20%Gas 5%Oil 50%Water

0.00 ft of muddy water 25%Mud

180.00 ft of Slightly mud cut 90%Water 10%Mud

0.00 ft of water with film oil

0.00 ft of

SALINITY 92000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	54.00 S/L
W.L.	9.80 in3
F.C.	0.00 in
Mud Drop Y	15.0 ft

BLOW DESCRIPTION

Initial Flow -

Strong blow - bottom of bucket in 2 min.

Initial Shut-in -

Bled off 2" - no blow back

Final Flow -

Fair blow - built to bottom of bucket in 16 min.

Final Shut-in -

Bled off 2" - no blow back

SAMPLES: NO

SENT TO:

Amt. of fill	0.00 ft
Btm. H. Temp.	126.00 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	Mike Colantonio
Co. Rep.	Harold Trapp
Contr.	Abercrombie
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Roehr #1-17	P.O. SUB	5583
	C.O. SUB	
LOCATION : 17-32S-30W	S.I. TOOL	5584
TICKET No. 9080 D.S.T. No. 2 DATE 11-14-96		
TOTAL TOOL TO BOTTOM OF TOP PACKERS 22ft	HMV	5589
INTERVAL TOOL		
BOTTOM PACKERS AND ANCHOR 29ft	JARS	5594
TOTAL TOOL 51ft		
DRILL COLLAR ANCHOR IN INTERVAL		
D.C. ANCHOR STND.Stands Single Total	SAFETY JOINT	5599
D.P. ANCHOR STND.Stands Single Total	PACKER	5605
TOTAL ASSEMBLY	PACKER	5610
D.C. ABOVE TOOLS.Stands Single Total	DEPTH	
D.P. ABOVE TOOLS.Stands91 Single Total 5590ft	STUBB 1ft	5611
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5641ft	ANCHOR	
	1ft	5612
TOTAL DEPTH 5634ft	Alpine Rec.	5613
TOTAL DRILL PIPE ABOVE K.B. 7ft		
REMARKS:		
	T.C.	
	DEPTH	
	13ft perf	5631
	AK-1 Rec.	5631
	BULLNOSE	
	T.D. 3ft	5634

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9080 DST#2 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/14/96

TIME: 19:19:31

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	142.00	2732.1	0.0	106.73		
***** Start Flow 1	0.00	42.1	0.0	106.93		
	1.00	36.1	-6.0	107.28		
	2.00	41.5	-0.6	107.87		
	3.00	42.7	0.6	108.51		
	4.00	46.0	3.9	109.07		
	5.00	49.2	7.1	109.55		
	6.00	51.9	9.8	109.94		
	7.00	54.4	12.3	110.26		
	8.00	57.0	14.9	110.52		
	9.00	59.6	17.5	110.73		
	10.00	62.1	20.0	110.91		
	11.00	64.4	22.3	111.06		
	12.00	67.0	24.9	111.18		
	13.00	69.4	27.3	111.30		
	14.00	71.5	29.4	111.40		
	15.00	73.5	31.4	111.51		
	16.00	75.6	33.5	111.61		
	17.00	77.8	35.7	111.71		
	18.00	80.0	37.9	111.81		
	19.00	82.1	40.0	111.90		
	20.00	84.3	42.2	112.02		
	21.00	86.4	44.3	112.13		
	22.00	88.2	46.1	112.25		
	23.00	90.2	48.1	112.37		
	24.00	92.4	50.3	112.49		
	25.00	94.2	52.1	112.62		
	26.00	96.3	54.2	112.71		
	27.00	98.1	56.0	112.87		
	28.00	98.0	55.9	113.00		
	29.00	99.9	57.8	113.15		
	30.00	102.0	59.9	113.31		
	31.00	103.6	61.5	113.48		
	32.00	105.7	63.6	113.67		
	33.00	107.5	65.4	113.86		
	34.00	109.5	67.4	114.06		
	35.00	111.1	69.0	114.27		
	36.00	112.9	70.8	114.49		
	37.00	114.7	72.6	114.70		
	38.00	116.6	74.5	114.91		
	39.00	118.3	76.2	115.13		
	40.00	120.2	78.1	115.33		
	41.00	121.5	79.4	115.53		
	42.00	123.3	81.2	115.73		
***** End Flow 1	43.00	125.0	82.9	115.92		
***** Start Shutin 1	0.00	125.0	0.0	115.92	0.0000	0.016
	1.00	126.8	1.8	116.09	44.0000	0.016
	2.00	128.4	3.4	116.27	22.5000	0.016
	3.00	223.9	98.9	116.43	15.3333	0.050
	4.00	364.1	239.1	116.59	11.7500	0.133
	5.00	540.2	415.2	116.75	9.6000	0.292

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9080 DST#2 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/14/96

TIME: 19:19:31

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
6.00	718.0	593.0	116.92	8.1667	0.516
7.00	859.3	734.3	117.07	7.1429	0.738
8.00	961.1	836.1	117.21	6.3750	0.924
9.00	1034.7	909.7	117.36	5.7778	1.071
10.00	1089.5	964.5	117.50	5.3000	1.187
11.00	1131.7	1006.7	117.64	4.9091	1.281
12.00	1165.1	1040.1	117.77	4.5833	1.358
13.00	1192.3	1067.4	117.89	4.3077	1.422
14.00	1214.8	1089.8	118.00	4.0714	1.476
15.00	1233.8	1108.8	118.12	3.8667	1.522
16.00	1250.0	1125.0	118.22	3.6875	1.562
17.00	1264.0	1139.0	118.32	3.5294	1.598
18.00	1276.3	1151.3	118.41	3.3889	1.629
19.00	1287.2	1162.2	118.46	3.2632	1.657
20.00	1296.8	1171.9	118.55	3.1500	1.682
21.00	1305.6	1180.6	118.65	3.0476	1.705
22.00	1313.6	1188.6	118.70	2.9545	1.725
23.00	1320.8	1195.8	118.76	2.8696	1.744
24.00	1327.4	1202.4	118.83	2.7917	1.762
25.00	1333.6	1208.6	118.88	2.7200	1.778
26.00	1339.2	1214.2	118.95	2.6538	1.793
27.00	1344.4	1219.4	118.99	2.5926	1.807
28.00	1349.4	1224.4	119.04	2.5357	1.821
29.00	1354.0	1229.0	119.09	2.4828	1.833
30.00	1358.2	1233.2	119.13	2.4333	1.845
31.00	1362.2	1237.2	119.19	2.3871	1.855
32.00	1365.9	1240.9	119.22	2.3438	1.866
33.00	1369.5	1244.6	119.26	2.3030	1.876
34.00	1372.9	1247.9	119.30	2.2647	1.885
35.00	1376.0	1251.0	119.33	2.2286	1.893
36.00	1379.2	1254.2	119.37	2.1944	1.902
37.00	1382.0	1257.0	119.41	2.1622	1.910
38.00	1384.7	1259.7	119.44	2.1316	1.917
39.00	1387.3	1262.3	119.47	2.1026	1.925
40.00	1389.8	1264.8	119.50	2.0750	1.931
41.00	1392.2	1267.2	119.53	2.0488	1.938
42.00	1394.5	1269.5	119.55	2.0238	1.945
43.00	1396.6	1271.6	119.58	2.0000	1.951
44.00	1398.7	1273.7	119.60	1.9773	1.956
45.00	1400.7	1275.7	119.63	1.9556	1.962
46.00	1402.7	1277.7	119.67	1.9348	1.968
47.00	1404.5	1279.5	119.68	1.9149	1.973
48.00	1406.2	1281.2	119.70	1.8958	1.978
49.00	1408.0	1283.0	119.73	1.8776	1.982
50.00	1409.6	1284.6	119.79	1.8600	1.987
51.00	1411.3	1286.3	119.76	1.8431	1.992
52.00	1412.8	1287.8	119.78	1.8269	1.996
53.00	1414.2	1289.3	119.81	1.8113	2.000
54.00	1415.7	1290.7	119.81	1.7963	2.004
55.00	1417.2	1292.2	119.84	1.7818	2.008
56.00	1418.5	1293.5	119.86	1.7679	2.012

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9080 DST#2 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/14/96

TIME: 19:19:31

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	57.00	1419.7	1294.7	119.88	1.7544	2.016
	58.00	1420.9	1295.9	119.88	1.7414	2.019
	59.00	1422.2	1297.2	119.88	1.7288	2.023
	60.00	1423.4	1298.4	119.91	1.7167	2.026
***** End Shut-in 1	61.00	1424.6	1299.6	119.93	1.7049	2.030
***** Start Flow 2	0.00	138.8	0.0	119.93		
	1.00	143.1	4.3	119.90		
	2.00	147.7	8.9	119.87		
	3.00	146.1	7.3	119.84		
	4.00	145.6	6.8	119.82		
	5.00	148.2	9.4	119.82		
	6.00	149.8	11.1	119.82		
	7.00	150.8	12.0	119.83		
	8.00	152.1	13.3	119.84		
	9.00	153.8	15.0	119.88		
	10.00	154.8	16.0	119.92		
	11.00	155.5	16.7	119.95		
	12.00	156.6	17.8	120.00		
	13.00	157.1	18.3	120.05		
	14.00	157.9	19.1	120.11		
	15.00	159.4	20.6	120.17		
	16.00	159.7	20.9	120.22		
	17.00	160.7	21.9	120.29		
	18.00	161.4	22.6	120.37		
	19.00	162.7	23.9	120.46		
	20.00	164.1	25.3	120.56		
	21.00	165.0	26.2	120.65		
	22.00	165.6	26.8	120.74		
	23.00	166.3	27.5	120.83		
	24.00	167.5	28.7	120.91		
	25.00	168.3	29.5	120.99		
	26.00	169.0	30.2	121.06		
	27.00	170.0	31.2	121.13		
	28.00	171.1	32.3	121.18		
	29.00	171.6	32.8	121.23		
	30.00	172.5	33.7	121.28		
	31.00	173.2	34.4	121.33		
	32.00	174.4	35.6	121.39		
	33.00	175.4	36.6	121.43		
	34.00	175.8	37.0	121.49		
	35.00	176.8	38.0	121.53		
	36.00	177.6	38.8	121.56		
	37.00	178.6	39.8	121.61		
	38.00	178.9	40.1	121.66		
	39.00	179.8	41.0	121.70		
	40.00	180.3	41.6	121.75		
	41.00	181.8	43.0	121.79		
	42.00	182.8	44.0	121.83		
	43.00	183.3	44.5	121.87		
	44.00	184.0	45.2	121.92		
***** End Flow 2	45.00	185.1	46.3	121.97		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9080 DST#2 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/14/96

TIME: 19:19:31

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Start Shutin 2	0.00	185.1	0.0	121.97	0.0000	0.034
	1.00	297.7	112.7	122.00	89.0000	0.089
	2.00	453.9	268.9	122.07	45.0000	0.206
	3.00	614.6	429.6	122.11	30.3333	0.378
	4.00	757.8	572.7	122.18	23.0000	0.574
	5.00	871.0	685.9	122.25	18.6000	0.759
	6.00	956.9	771.8	122.30	15.6667	0.916
	7.00	1021.1	836.0	122.37	13.5714	1.043
	8.00	1069.9	884.8	122.43	12.0000	1.145
	9.00	1108.3	923.2	122.49	10.7778	1.228
	10.00	1138.9	953.8	122.54	9.8000	1.297
	11.00	1163.9	978.8	122.63	9.0000	1.355
	12.00	1184.9	999.8	122.65	8.3333	1.404
	13.00	1202.7	1017.6	122.70	7.7692	1.446
	14.00	1218.1	1033.0	122.73	7.2857	1.484
	15.00	1231.4	1046.3	122.77	6.8667	1.516
	16.00	1243.2	1058.1	122.80	6.5000	1.546
	17.00	1253.7	1068.6	122.84	6.1765	1.572
	18.00	1263.0	1077.9	122.86	5.8889	1.595
	19.00	1271.6	1086.5	122.89	5.6316	1.617
	20.00	1279.3	1094.2	122.90	5.4000	1.637
	21.00	1286.4	1101.3	122.94	5.1905	1.655
	22.00	1292.8	1107.7	122.95	5.0000	1.671
	23.00	1298.8	1113.7	122.97	4.8261	1.687
	24.00	1304.5	1119.4	122.98	4.6667	1.702
	25.00	1309.6	1124.5	123.01	4.5200	1.715
	26.00	1314.4	1129.3	123.01	4.3846	1.728
	27.00	1319.0	1134.0	123.03	4.2593	1.740
	28.00	1323.2	1138.2	123.04	4.1429	1.751
	29.00	1327.3	1142.2	123.06	4.0345	1.762
	30.00	1331.1	1146.1	123.07	3.9333	1.772
	31.00	1334.7	1149.6	123.08	3.8387	1.781
	32.00	1338.0	1152.9	123.08	3.7500	1.790
	33.00	1341.2	1156.2	123.09	3.6667	1.799
	34.00	1344.3	1159.2	123.10	3.5882	1.807
	35.00	1347.3	1162.2	123.10	3.5143	1.815
	36.00	1350.0	1164.9	123.10	3.4444	1.822
	37.00	1352.7	1167.6	123.12	3.3784	1.830
	38.00	1355.2	1170.1	123.13	3.3158	1.836
	39.00	1357.6	1172.5	123.14	3.2564	1.843
	40.00	1360.0	1174.9	123.15	3.2000	1.850
	41.00	1362.2	1177.1	123.15	3.1463	1.856
	42.00	1364.4	1179.4	123.15	3.0952	1.862
	43.00	1366.5	1181.4	123.17	3.0465	1.867
	44.00	1368.5	1183.4	123.17	3.0000	1.873
	45.00	1370.5	1185.4	123.17	2.9556	1.878
	46.00	1372.3	1187.3	123.17	2.9130	1.883
	47.00	1374.1	1189.0	123.18	2.8723	1.888
	48.00	1375.9	1190.8	123.19	2.8333	1.893
	49.00	1377.6	1192.5	123.19	2.7959	1.898
	50.00	1379.2	1194.1	123.19	2.7600	1.902

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9080 DST#2 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/14/96

TIME: 19:19:31

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6	
51.00	1380.8	1195.7	123.18	2.7255	1.907	
52.00	1382.3	1197.3	123.20	2.6923	1.911	
53.00	1383.9	1198.8	123.21	2.6604	1.915	
54.00	1385.4	1200.3	123.21	2.6296	1.919	
55.00	1386.8	1201.7	123.21	2.6000	1.923	
56.00	1388.2	1203.1	123.21	2.5714	1.927	
57.00	1389.5	1204.5	123.21	2.5439	1.931	
58.00	1390.9	1205.8	123.21	2.5172	1.935	
59.00	1392.1	1207.0	123.21	2.4915	1.938	
60.00	1393.3	1208.3	123.22	2.4667	1.941	
61.00	1394.6	1209.5	123.23	2.4426	1.945	
62.00	1395.8	1210.7	123.24	2.4194	1.948	
63.00	1396.9	1211.8	123.15	2.3968	1.951	
64.00	1397.9	1212.9	123.23	2.3750	1.954	
65.00	1399.1	1214.0	123.24	2.3538	1.957	
66.00	1400.2	1215.1	123.24	2.3333	1.961	
67.00	1401.2	1216.2	123.24	2.3134	1.963	
68.00	1402.3	1217.2	123.24	2.2941	1.966	
69.00	1403.3	1218.2	123.23	2.2754	1.969	
70.00	1404.2	1219.2	123.24	2.2571	1.972	
71.00	1405.2	1220.1	123.24	2.2394	1.975	
72.00	1406.2	1221.1	123.24	2.2222	1.977	
73.00	1407.1	1222.0	123.25	2.2055	1.980	
74.00	1408.0	1222.9	123.25	2.1892	1.982	
75.00	1408.8	1223.7	123.26	2.1733	1.985	
76.00	1409.7	1224.6	123.26	2.1579	1.987	
77.00	1410.6	1225.5	123.26	2.1429	1.990	
78.00	1411.4	1226.3	123.26	2.1282	1.992	
79.00	1412.2	1227.1	123.27	2.1139	1.994	
80.00	1412.9	1227.9	123.26	2.1000	1.996	
81.00	1413.8	1228.7	123.27	2.0864	1.999	
82.00	1414.5	1229.4	123.26	2.0732	2.001	
83.00	1415.3	1230.2	123.27	2.0602	2.003	
84.00	1416.1	1231.0	123.27	2.0476	2.005	
85.00	1416.8	1231.7	123.27	2.0353	2.007	
86.00	1417.5	1232.4	123.28	2.0233	2.009	
87.00	1418.2	1233.1	123.28	2.0115	2.011	
88.00	1418.9	1233.8	123.26	2.0000	2.013	
***** End Shut-in 2	89.00	1419.5	1234.4	123.27	1.9888	2.015
***** Final Hydro.	386.00	2603.4	0.0	123.39		

9080 DST#2 Roehr #1-17 Cross Bar Pet. Inc. TEST HISTORY

Flag Points

	t (Min.)	P (PSig)
A:	0.00	2732.12
B:	0.00	42.10
C:	43.00	124.99
D:	61.00	1424.62
E:	0.00	138.79
F:	45.00	185.08
G:	89.00	1419.47
Q:	0.00	2803.42

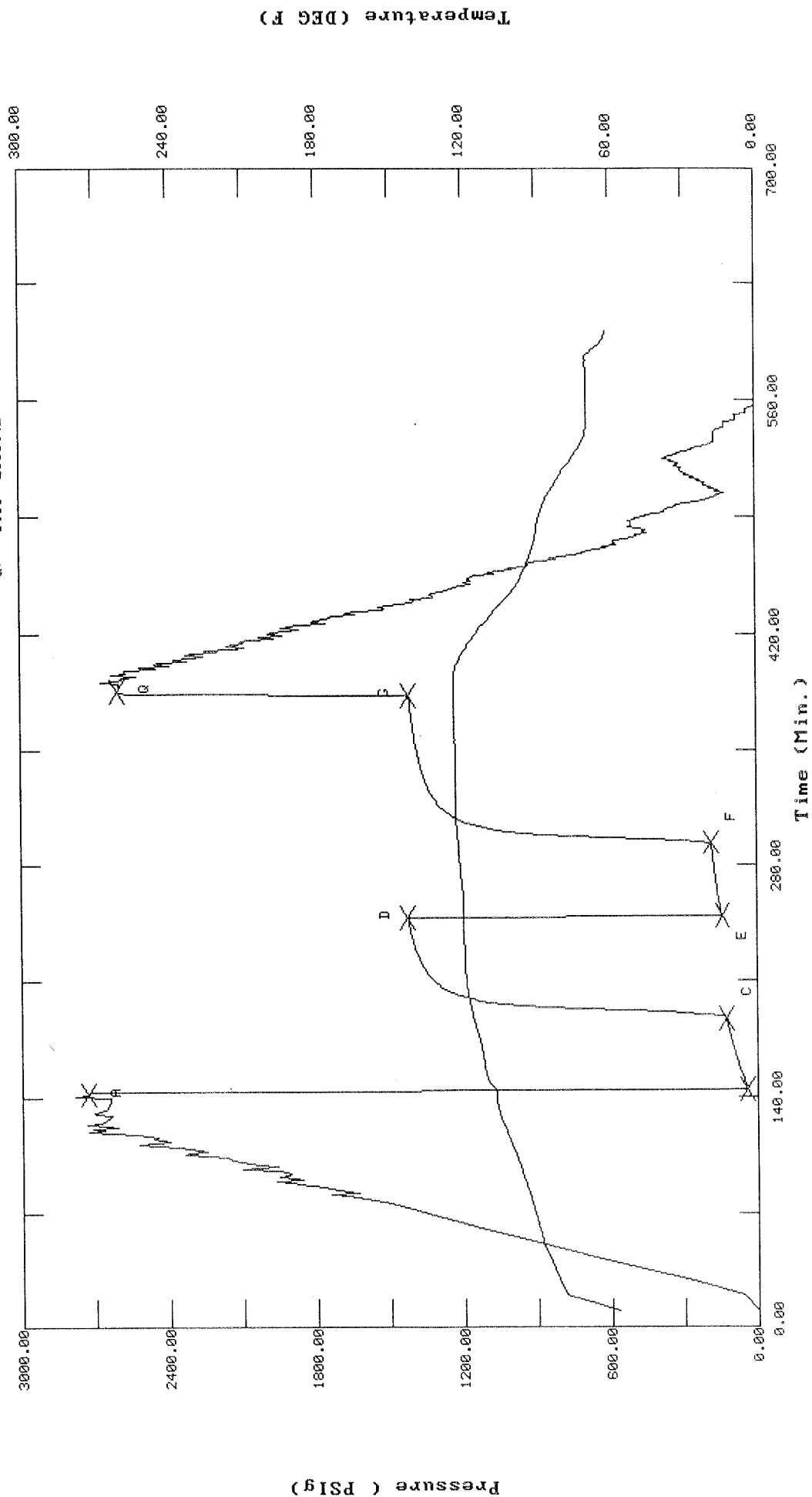
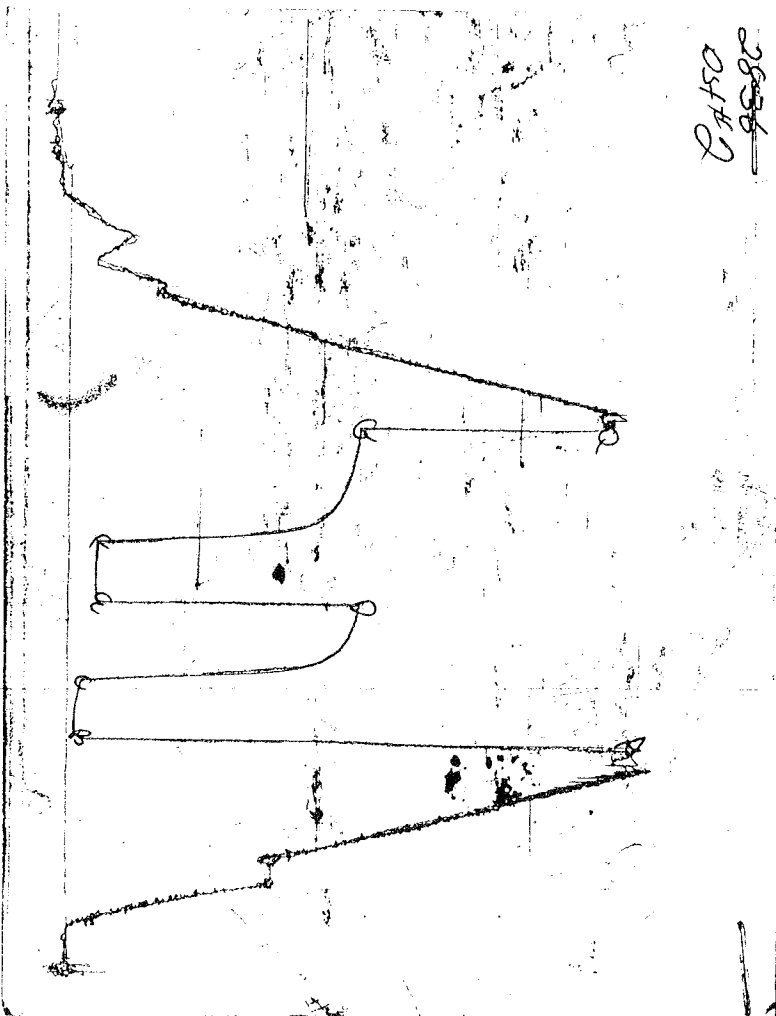


CHART PAGE

~~2836~~
0442



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

TRILOBITE TESTING L.L.C.

OPERATOR : Cross Bar Pet. Inc.

DATE 11-16-96

WELL NAME: Roehr #1-17

KB 2774.00 ft

TICKET NO: 9081

DST #3

LOCATION : 17-32S-30W

GR 2769.00 ft

FORMATION: Morrow

INTERVAL : 5592.00 To 5620.00 ft

TD 5800.00 ft

TEST TYPE: CONV./STRADDLE

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 60 Rec.	1055	1055	2346	2836		PF Fr. 1335 to 1435 hr
SI 60 Range(Psi)	4050.0	4050.0	4995.0	3500.0	0.0	IS Fr. 1435 to 1535 hr
SF 90 Clock(hrs)	12HR.	12HR.	elec.	12HR.		SF Fr. 1535 to 1705 hr
FS 120 Depth(ft)	5615.0	5615.0	5595.0	5797.0	0.0	FS Fr. 1705 to 1905 hr

	Field	1	2	3	4	
A. Init Hydro	2911.0	2805.0	2759.0	2987.0	0.0	T STARTED 1100 hr
B. First Flow	43.0	49.0	30.0	0.0	0.0	T ON BOTM 1332 hr
B1. Final Flow	86.0	92.0	92.0	0.0	0.0	T OPEN 1335 hr
C. In Shut-in	1337.0	1362.0	1359.0	0.0	0.0	T PULLED 1905 hr
D. Init Flow	97.0	110.0	91.0	0.0	0.0	T OUT 2200 hr
E. Final Flow	140.0	151.0	140.0	0.0	0.0	
F. Fl Shut-in	0.0	1322.0	1360.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2747.0	2724.0	2605.0	2713.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	O	O	I	O		Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 85000.00 lbs
						Initial Str Wt 75000.00 lbs
						Unseated Str Wt 80000.00 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 0.00 ft
						D.P. Length 5754.00 ft
						H.W. I.D 2.70 in
						H.W. Length 161.00 ft

RECOVERY

Tot Fluid 270.00 ft of 0.00 ft in DC and 270.00 ft in DP
 4230.00 ft of Gas in drilling pipe
 0.00 ft of
 30.00 ft of watery mud film oil 15%water 85%mud
 0.00 ft of
 120.00 ft of Slight gas with 15%Gas 25%Water 60%Mud
 0.00 ft of watery mud and film oil
 120.00 ft of Slight gas with watery mud 5%Gas 70%Water
 0.00 ft of and film oil 25%Mud
 SALINITY 63000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Strong blow - bottom of bucket
 in 7 min.

Initial Shut-in -
 Bled off 2" - no blow back

Final Flow -
 Strong blow - bottom of bucket
 in 4 min.

Final Shut-in -
 Bled off 2" - no blow back

SAMPLES: No

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	8.80 lb/c
Vis.	52.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop Y	25.0 ft

Amt. of fill	0.00 ft
Btm. H. Temp.	126.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Mike Colantonio
Co. Rep.	Harold Trapp
Contr.	Abercrombie
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV./STRADDLE

WELL NAME: Roehr #1-17	P.O. SUB	
	C.O. SUB	5565
LOCATION : 17-32S-30W	S.I. TOOL	5566
TICKET No. 9081 D.S.T. No. 3 DATE 11-16-96		
TOTAL TOOL TO BOTTOM OF TOP PACKERS 27ft.	HMV	5571
INTERVAL TOOL		
BOTTOM PACKERS AND ANCHOR 28ft	JARS	5576
TOTAL TOOL 55ft		
DRILL COLLAR ANCHOR IN INTERVAL 25ft		
D.C. ANCHOR STND.Stands Single Total	SAFETY JOINT	5581
D.P. ANCHOR STND.Stands 2 Single 1 Total 154ft	PACKER	5587
TOTAL ASSEMBLY 234ft	PACKER	5592
D.C. ABOVE TOOLS.Stands Single Total	DEPTH	
D.P. ABOVE TOOLS.Stands90 Single 1 Total 5600ft	STUBB	
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5834ft	ANCHOR	
	1ft. Perf	5594
	Alpine Rec.	5595
TOTAL DEPTH 5800ft	6ft Pick up Sub	5600
TOTAL DRILL PIPE ABOVE K.B. 34ft	14ft Perf	5614
REMARKS:	AK-1 Rec.	5615
	T.C.	
	DEPTH	
	2ft Blank off sub	5616
	PACKER Straddle packer	5620
	20ft Perf	5641
	1ft C\O sub	5642
	154ft Drlg. Pipe	5796
	1ft C\O Sub	5797
	AK-1 Rec.	5797
	BULLNOSE	
	T.D. 3ft Bull Plug	5800

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9081 DST#3 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/16/96

TIME: 12:52:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	104.00	2889.6	0.0	110.21		
***** Start Flow 1	0.00	30.4	0.0	115.85		
	1.00	31.9	1.5	115.88		
	2.00	34.0	3.6	115.92		
	3.00	36.4	6.0	115.97		
	4.00	38.1	7.7	116.03		
	5.00	41.7	11.3	116.10		
	6.00	43.1	12.7	116.17		
	7.00	44.3	13.9	116.24		
	8.00	46.8	16.4	116.30		
	9.00	48.7	18.2	116.36		
	10.00	50.4	20.0	116.43		
	11.00	51.6	21.2	116.48		
	12.00	53.0	22.6	116.53		
	13.00	54.4	24.0	116.58		
	14.00	55.8	25.4	116.62		
	15.00	57.4	27.0	116.67		
	16.00	58.8	28.4	116.69		
	17.00	59.6	29.2	116.73		
	18.00	61.3	30.9	116.77		
	19.00	62.9	32.5	116.80		
	20.00	64.5	34.1	116.84		
	21.00	65.9	35.5	116.88		
	22.00	66.7	36.3	116.94		
	23.00	68.2	37.8	117.00		
	24.00	69.6	39.2	117.07		
	25.00	70.7	40.3	117.13		
	26.00	71.7	41.3	117.20		
	27.00	72.8	42.4	117.27		
	28.00	74.0	43.6	117.35		
	29.00	74.6	44.2	117.41		
	30.00	76.4	46.0	117.48		
	31.00	77.1	46.7	117.55		
	32.00	77.6	47.2	117.62		
	33.00	78.6	48.2	117.69		
	34.00	79.9	49.5	117.75		
	35.00	80.0	49.6	117.82		
	36.00	81.8	51.3	117.89		
	37.00	80.3	49.8	117.95		
	38.00	81.5	51.1	118.02		
	39.00	81.0	50.5	118.08		
	40.00	82.2	51.8	118.14		
	41.00	83.4	53.0	118.20		
	42.00	83.8	53.4	118.26		
	43.00	83.8	53.4	118.33		
	44.00	84.7	54.3	118.41		
	45.00	85.4	55.0	118.42		
	46.00	86.0	55.6	118.43		
	47.00	86.0	55.6	118.50		
	48.00	86.6	56.2	118.55		
	49.00	88.1	57.7	118.60		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9081 DST#3 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/16/96

TIME: 12:52:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	50.00	88.2	57.8	118.64		
	51.00	88.9	58.5	118.69		
	52.00	88.7	58.3	118.74		
	53.00	89.5	59.1	118.77		
	54.00	90.2	59.8	118.82		
	55.00	90.6	60.2	118.86		
	56.00	91.1	60.7	118.89		
	57.00	91.3	60.9	118.93		
***** End Flow 1	58.00	92.9	62.5	118.96		
***** Start Shutin 1	0.00	92.9	0.0	118.96	0.0000	0.009
	1.00	100.7	7.8	119.00	59.0000	0.010
	2.00	153.2	60.2	119.03	30.0000	0.023
	3.00	209.7	116.8	119.05	20.3333	0.044
	4.00	272.0	179.0	119.09	15.5000	0.074
	5.00	340.3	247.4	119.12	12.6000	0.116
	6.00	415.0	322.1	119.16	10.6667	0.172
	7.00	496.2	403.3	119.20	9.2857	0.246
	8.00	583.7	490.8	119.24	8.2500	0.341
	9.00	675.3	582.4	119.27	7.4444	0.456
	10.00	767.1	674.2	119.31	6.8000	0.589
	11.00	853.3	760.4	119.35	6.2727	0.728
	12.00	928.9	836.0	119.38	5.8333	0.863
	13.00	990.7	897.8	119.41	5.4615	0.982
	14.00	1039.7	946.7	119.45	5.1429	1.081
	15.00	1078.1	985.2	119.49	4.8667	1.162
	16.00	1108.6	1015.7	119.52	4.6250	1.229
	17.00	1133.4	1040.5	119.55	4.4118	1.285
	18.00	1153.8	1060.9	119.58	4.2222	1.331
	19.00	1171.0	1078.0	119.60	4.0526	1.371
	20.00	1185.7	1092.8	119.62	3.9000	1.406
	21.00	1198.6	1105.7	119.63	3.7619	1.437
	22.00	1209.9	1117.0	119.67	3.6364	1.464
	23.00	1220.1	1127.1	119.66	3.5217	1.489
	24.00	1229.1	1136.2	119.67	3.4167	1.511
	25.00	1237.5	1144.5	119.68	3.3200	1.531
	26.00	1245.0	1152.0	119.69	3.2308	1.550
	27.00	1252.0	1159.1	119.70	3.1481	1.568
	28.00	1258.5	1165.6	119.69	3.0714	1.584
	29.00	1264.6	1171.6	119.70	3.0000	1.599
	30.00	1270.2	1177.2	119.70	2.9333	1.613
	31.00	1275.5	1182.5	119.70	2.8710	1.627
	32.00	1280.5	1187.5	119.70	2.8125	1.640
	33.00	1285.2	1192.3	119.71	2.7576	1.652
	34.00	1289.7	1196.8	119.71	2.7059	1.663
	35.00	1294.0	1201.0	119.71	2.6571	1.674
	36.00	1298.0	1205.1	119.71	2.6111	1.685
	37.00	1301.9	1209.0	119.80	2.5676	1.695
	38.00	1305.5	1212.6	119.70	2.5263	1.704
	39.00	1309.0	1216.1	119.70	2.4872	1.714
	40.00	1312.4	1219.4	119.71	2.4500	1.722
	41.00	1315.6	1222.6	119.70	2.4146	1.731

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9081 DST#3 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/16/96

TIME: 12:52:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	42.00	1318.7	1225.7	119.70	2.3810	1.739
	43.00	1321.7	1228.7	119.70	2.3488	1.747
	44.00	1324.5	1231.6	119.69	2.3182	1.754
	45.00	1327.2	1234.3	119.69	2.2889	1.762
	46.00	1329.9	1237.0	119.69	2.2609	1.769
	47.00	1332.4	1239.5	119.70	2.2340	1.775
	48.00	1334.9	1241.9	119.68	2.2083	1.782
	49.00	1337.2	1244.3	119.68	2.1837	1.788
	50.00	1339.5	1246.6	119.69	2.1600	1.794
	51.00	1341.7	1248.8	119.67	2.1373	1.800
	52.00	1343.9	1251.0	119.67	2.1154	1.806
	53.00	1346.0	1253.1	119.67	2.0943	1.812
	54.00	1348.1	1255.1	119.66	2.0741	1.817
	55.00	1350.0	1257.0	119.65	2.0545	1.822
	56.00	1351.8	1258.9	119.66	2.0357	1.827
	57.00	1353.7	1260.8	119.65	2.0175	1.833
	58.00	1355.5	1262.6	119.64	2.0000	1.838
	59.00	1357.3	1264.3	119.64	1.9831	1.842
***** End Shut-in 1	60.00	1359.0	1266.1	119.64	1.9667	1.847
***** Start Flow 2	0.00	91.6	0.0	119.53		
	1.00	94.6	3.0	119.47		
	2.00	96.7	5.1	119.41		
	3.00	98.4	6.7	119.37		
	4.00	98.8	7.2	119.34		
	5.00	100.1	8.4	119.33		
	6.00	100.8	9.1	119.32		
	7.00	101.6	10	119.33		
	8.00	102.1	10.5	119.34		
	9.00	103.0	11.4	119.36		
	10.00	103.8	12.1	119.38		
	11.00	105.0	13.3	119.40		
	12.00	104.9	13.2	119.43		
	13.00	105.5	13.9	119.44		
	14.00	106.1	14.5	119.49		
	15.00	106.8	15.1	119.52		
	16.00	107.0	15.3	119.54		
	17.00	107.6	16.0	119.57		
	18.00	109.4	17.7	119.60		
	19.00	109.4	17.8	119.64		
	20.00	109.6	18.0	119.66		
	21.00	110.9	19.2	119.70		
	22.00	111.5	19.9	119.72		
	23.00	111.4	19.7	119.75		
	24.00	112.6	20.9	119.78		
	25.00	112.9	21.2	119.81		
	26.00	113.4	21.8	119.83		
	27.00	113.8	22.1	119.86		
	28.00	114.9	23.2	119.90		
	29.00	115.4	23.7	119.92		
	30.00	115.8	24.2	119.94		
	31.00	116.2	24.6	119.96		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9081 DST#3 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/16/96

TIME: 12:52:16

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
32.00	116.7	25.1	119.98		
33.00	117.1	25.5	120.01		
34.00	117.8	26.2	120.03		
35.00	118.5	26.9	120.05		
36.00	119.3	27.7	120.08		
37.00	120.1	28.4	120.09		
38.00	120.4	28.7	120.12		
39.00	121.2	29.6	120.14		
40.00	121.2	29.6	120.16		
41.00	121.8	30.1	120.18		
42.00	122.1	30.5	120.20		
43.00	122.9	31.3	120.22		
44.00	123.0	31.3	120.24		
45.00	123.5	31.9	120.26		
46.00	124.0	32.4	120.28		
47.00	123.9	32.3	120.30		
48.00	125.0	33.4	120.33		
49.00	125.5	33.9	120.35		
50.00	125.6	33.9	120.36		
51.00	126.0	34.3	120.38		
52.00	126.2	34.6	120.40		
53.00	126.7	35.1	120.44		
54.00	127.2	35.6	120.44		
55.00	127.7	36.0	120.46		
56.00	127.2	35.6	120.48		
57.00	128.9	37.3	120.50		
58.00	129.5	37.9	120.50		
59.00	129.8	38.2	120.53		
60.00	130.2	38.6	120.55		
61.00	130.2	38.6	120.57		
62.00	131.6	40.0	120.58		
63.00	131.4	39.8	120.60		
64.00	131.2	39.6	120.61		
65.00	132.2	40.6	120.63		
66.00	132.8	41.2	120.65		
67.00	132.1	40.4	120.66		
68.00	133.5	41.9	120.69		
69.00	134.5	42.9	120.70		
70.00	133.7	42.1	120.72		
71.00	135.2	43.6	120.73		
72.00	134.6	43.0	120.74		
73.00	135.1	43.5	120.76		
74.00	135.7	44.1	120.78		
75.00	136.0	44.4	120.79		
76.00	136.7	45.0	120.80		
77.00	136.1	44.5	120.81		
78.00	137.1	45.4	120.82		
79.00	136.9	45.2	120.84		
80.00	137.8	46.1	120.85		
81.00	138.3	46.6	120.87		
82.00	138.5	46.8	120.88		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9081 DST#3 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/16/96

TIME: 12:52:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	83.00	138.8	47.2	120.91		
	84.00	139.1	47.5	120.92		
	85.00	140.3	48.7	120.93		
	86.00	140.2	48.6	120.94		
	87.00	140.8	49.1	120.96		
***** End Flow 2	88.00	140.9	49.3	120.96		
***** Start Shutin 2	0.00	140.9	0.0	120.96	0.0000	0.020
	1.00	145.3	4.4	120.98	147.0000	0.021
	2.00	234.9	94.0	120.99	74.0000	0.055
	3.00	323.2	182.3	121.01	49.6667	0.104
	4.00	412.7	271.8	121.03	37.5000	0.170
	5.00	502.6	361.7	121.05	30.2000	0.253
	6.00	592.1	451.2	121.08	25.3333	0.351
	7.00	678.6	537.7	121.10	21.8571	0.461
	8.00	759.1	618.2	121.13	19.2500	0.576
	9.00	831.5	690.6	121.16	17.2222	0.691
	10.00	894.7	753.8	121.19	15.6000	0.800
	11.00	947.9	807.0	121.22	14.2727	0.898
	12.00	991.4	850.5	121.25	13.1667	0.983
	13.00	1026.9	886.0	121.29	12.2308	1.055
	14.00	1055.6	914.7	121.30	11.4286	1.114
	15.00	1079.5	938.5	121.32	10.7333	1.165
	16.00	1099.2	958.3	121.35	10.1250	1.208
	17.00	1115.8	974.9	121.35	9.5882	1.245
	18.00	1130.1	989.2	121.36	9.1111	1.277
	19.00	1142.4	1001.5	121.37	8.6842	1.305
	20.00	1153.3	1012.4	121.37	8.3000	1.330
	21.00	1163.0	1022.1	121.40	7.9524	1.353
	22.00	1171.6	1030.7	121.39	7.6364	1.373
	23.00	1179.5	1038.6	121.39	7.3478	1.391
	24.00	1186.6	1045.7	121.39	7.0833	1.408
	25.00	1193.2	1052.3	121.39	6.8400	1.424
	26.00	1199.4	1058.5	121.34	6.6154	1.439
	27.00	1205.0	1064.1	121.38	6.4074	1.452
	28.00	1210.5	1069.6	121.38	6.2143	1.465
	29.00	1215.5	1074.6	121.38	6.0345	1.478
	30.00	1220.2	1079.2	121.37	5.8667	1.489
	31.00	1224.6	1083.7	121.38	5.7097	1.500
	32.00	1228.9	1087.9	121.37	5.5625	1.510
	33.00	1232.8	1091.9	121.36	5.4242	1.520
	34.00	1236.6	1095.7	121.36	5.2941	1.529
	35.00	1240.3	1099.4	121.35	5.1714	1.538
	36.00	1243.7	1102.8	121.35	5.0556	1.547
	37.00	1247.0	1106.1	121.34	4.9459	1.555
	38.00	1250.2	1109.3	121.34	4.8421	1.563
	39.00	1253.3	1112.4	121.33	4.7436	1.571
	40.00	1256.3	1115.4	121.34	4.6500	1.578
	41.00	1259.2	1118.2	121.32	4.5610	1.585
	42.00	1262.0	1121.1	121.32	4.4762	1.593
	43.00	1264.6	1123.7	121.32	4.3953	1.599
	44.00	1267.2	1126.3	121.32	4.3182	1.606

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9081 DST#3 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/16/96

TIME: 12:52:16

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
45.00	1269.7	1128.8	121.31	4.2444	1.612
46.00	1272.2	1131.3	121.30	4.1739	1.619
47.00	1274.7	1133.8	121.29	4.1064	1.625
48.00	1276.9	1136.0	121.28	4.0417	1.630
49.00	1279.0	1138.1	121.29	3.9796	1.636
50.00	1281.3	1140.4	121.28	3.9200	1.642
51.00	1283.4	1142.5	121.29	3.8627	1.647
52.00	1285.5	1144.5	121.27	3.8077	1.652
53.00	1287.4	1146.5	121.26	3.7547	1.657
54.00	1289.3	1148.4	121.26	3.7037	1.662
55.00	1291.2	1150.2	121.26	3.6545	1.667
56.00	1293.1	1152.1	121.25	3.6071	1.672
57.00	1294.8	1153.9	121.26	3.5614	1.677
58.00	1296.7	1155.8	121.35	3.5172	1.681
59.00	1298.3	1157.4	121.18	3.4746	1.686
60.00	1300.0	1159.1	121.23	3.4333	1.690
61.00	1301.6	1160.7	121.23	3.3934	1.694
62.00	1303.3	1162.3	121.23	3.3548	1.698
63.00	1304.8	1163.9	121.23	3.3175	1.702
64.00	1306.3	1165.4	121.23	3.2812	1.707
65.00	1307.9	1167.0	121.23	3.2462	1.711
66.00	1309.3	1168.4	121.21	3.2121	1.714
67.00	1310.8	1169.9	121.22	3.1791	1.718
68.00	1312.2	1171.3	121.21	3.1471	1.722
69.00	1313.6	1172.7	121.21	3.1159	1.726
70.00	1314.9	1174.0	121.21	3.0857	1.729
71.00	1316.4	1175.5	121.21	3.0563	1.733
72.00	1317.7	1176.7	121.20	3.0278	1.736
73.00	1318.9	1178.0	121.21	3.0000	1.740
74.00	1320.2	1179.3	121.19	2.9730	1.743
75.00	1321.5	1180.6	121.20	2.9467	1.746
76.00	1322.7	1181.8	121.19	2.9211	1.750
77.00	1323.9	1183.0	121.18	2.8961	1.753
78.00	1325.1	1184.2	121.18	2.8718	1.756
79.00	1326.3	1185.4	121.18	2.8481	1.759
80.00	1327.4	1186.5	121.18	2.8250	1.762
81.00	1328.5	1187.6	121.17	2.8025	1.765
82.00	1329.6	1188.7	121.17	2.7805	1.768
83.00	1330.7	1189.8	121.16	2.7590	1.771
84.00	1331.8	1190.9	121.17	2.7381	1.774
85.00	1332.8	1191.9	121.16	2.7176	1.776
86.00	1333.9	1193.0	121.17	2.6977	1.779
87.00	1334.9	1194.0	121.16	2.6782	1.782
88.00	1336.0	1195.1	121.15	2.6591	1.785
89.00	1336.9	1196.0	121.15	2.6404	1.787
90.00	1338.0	1197.0	121.15	2.6222	1.790
91.00	1338.9	1197.9	121.16	2.6044	1.793
92.00	1339.8	1198.9	121.14	2.5870	1.795
93.00	1340.8	1199.9	121.15	2.5699	1.798
94.00	1341.8	1200.9	121.13	2.5532	1.800
95.00	1342.7	1201.7	121.14	2.5368	1.803

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9081 DST#3 Roehr #1-17 Cross Bar Pet. Inc.

DATE: 11/16/96

TIME: 12:52:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	96.00	1343.5	1202.6	121.14	2.5208	1.805
	97.00	1344.5	1203.5	121.12	2.5052	1.808
	98.00	1345.3	1204.4	121.13	2.4898	1.810
	99.00	1346.2	1205.3	121.12	2.4747	1.812
	100.00	1347.0	1206.1	121.13	2.4600	1.814
	101.00	1347.9	1206.9	121.12	2.4455	1.817
	102.00	1348.7	1207.8	121.12	2.4314	1.819
	103.00	1349.6	1208.7	121.13	2.4175	1.821
	104.00	1350.3	1209.4	121.11	2.4038	1.823
	105.00	1351.1	1210.2	121.11	2.3905	1.826
	106.00	1351.9	1211.0	121.11	2.3774	1.828
	107.00	1352.7	1211.8	121.11	2.3645	1.830
	108.00	1353.5	1212.5	121.11	2.3519	1.832
	109.00	1354.2	1213.3	121.11	2.3394	1.834
	110.00	1355.1	1214.2	121.10	2.3273	1.836
	111.00	1355.7	1214.8	121.10	2.3153	1.838
	112.00	1356.5	1215.6	121.10	2.3036	1.840
	113.00	1357.2	1216.3	121.11	2.2920	1.842
	114.00	1357.9	1217.0	121.09	2.2807	1.844
	115.00	1358.7	1217.8	121.10	2.2696	1.846
	116.00	1359.3	1218.4	121.11	2.2586	1.848
	117.00	1360.0	1219.1	121.10	2.2479	1.850
***** End Shut-in 2	118.00	1360.7	1219.8	121.09	2.2373	1.851
***** Final Hydro.	456.00	2605.3	0.0	121.29		

TEST HISTORY

9081 DST#3 Roehr #1-17 Cross Bar Pet. Inc.

Flag Points

	t (Min.)	P (PSig)
A:	0.00	2759.90
B:	0.00	30.41
C:	58.00	92.93
D:	60.00	1359.03
E:	0.00	91.63
F:	88.00	140.92
G:	118.00	1360.67
Q:	0.00	2605.27

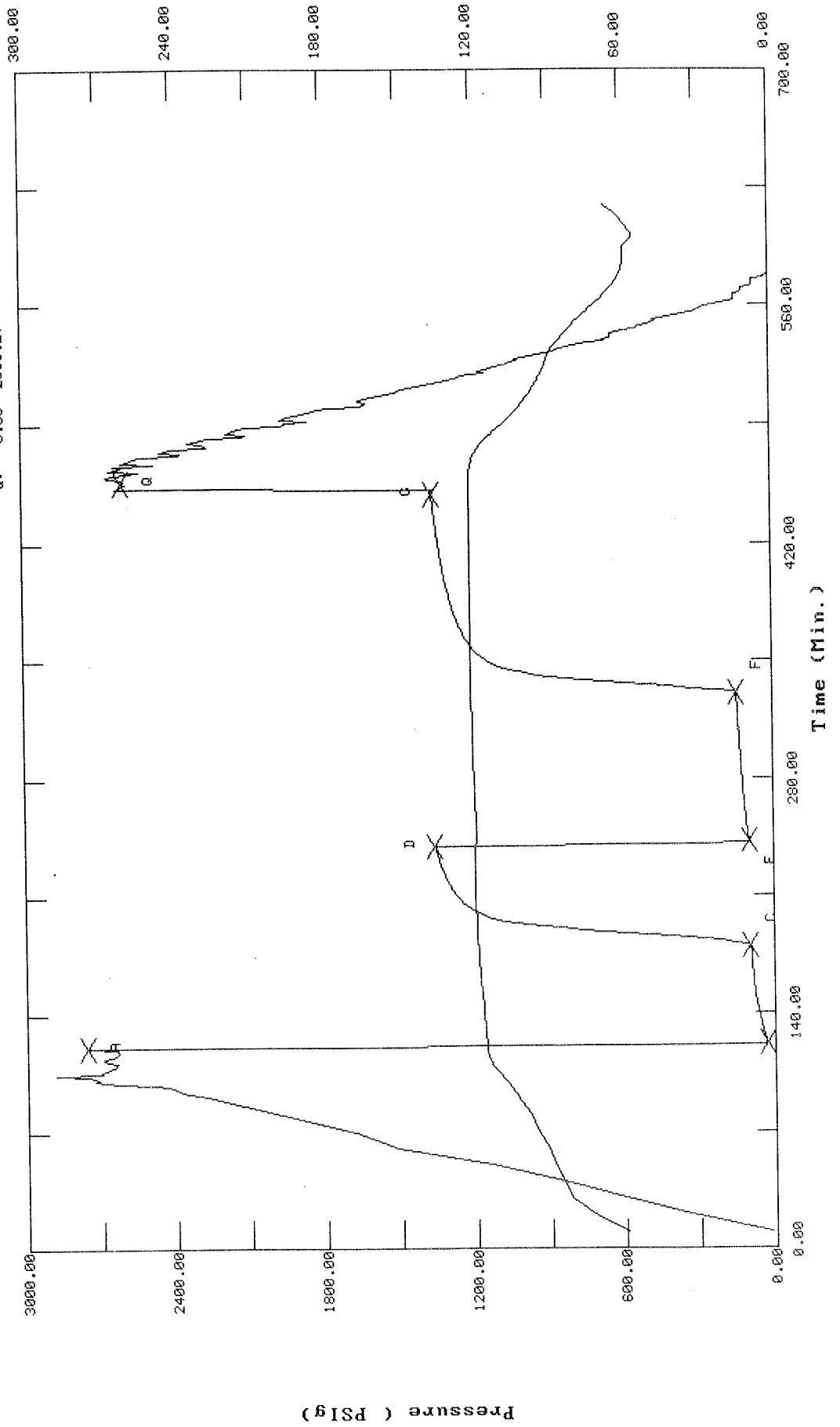
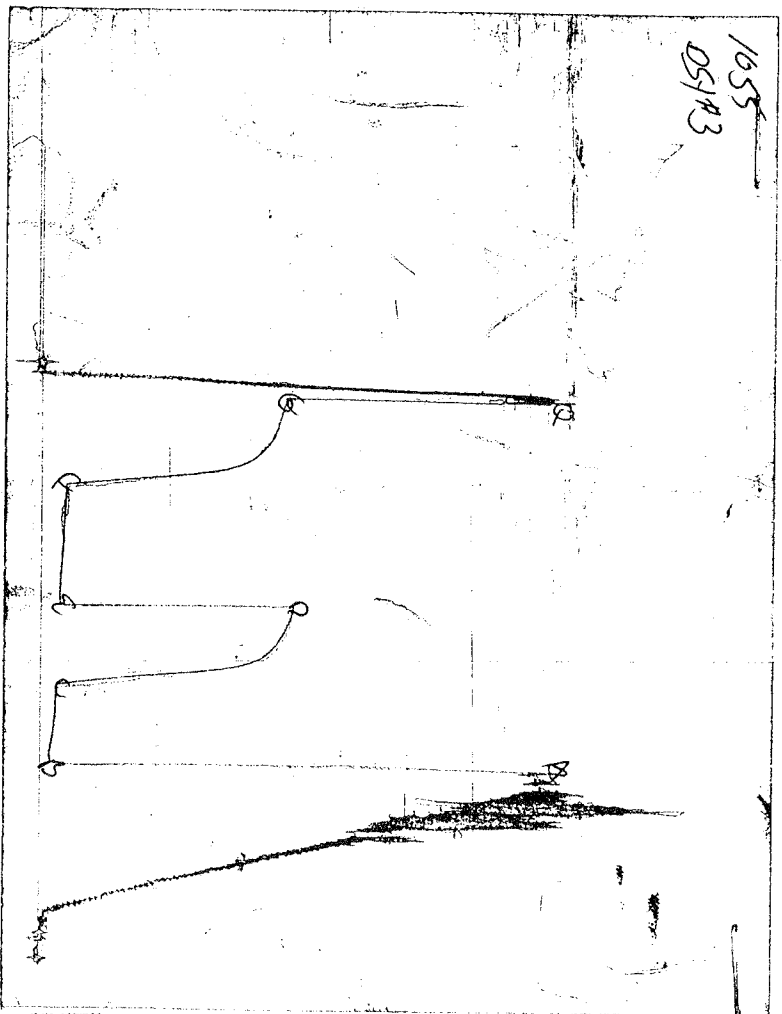
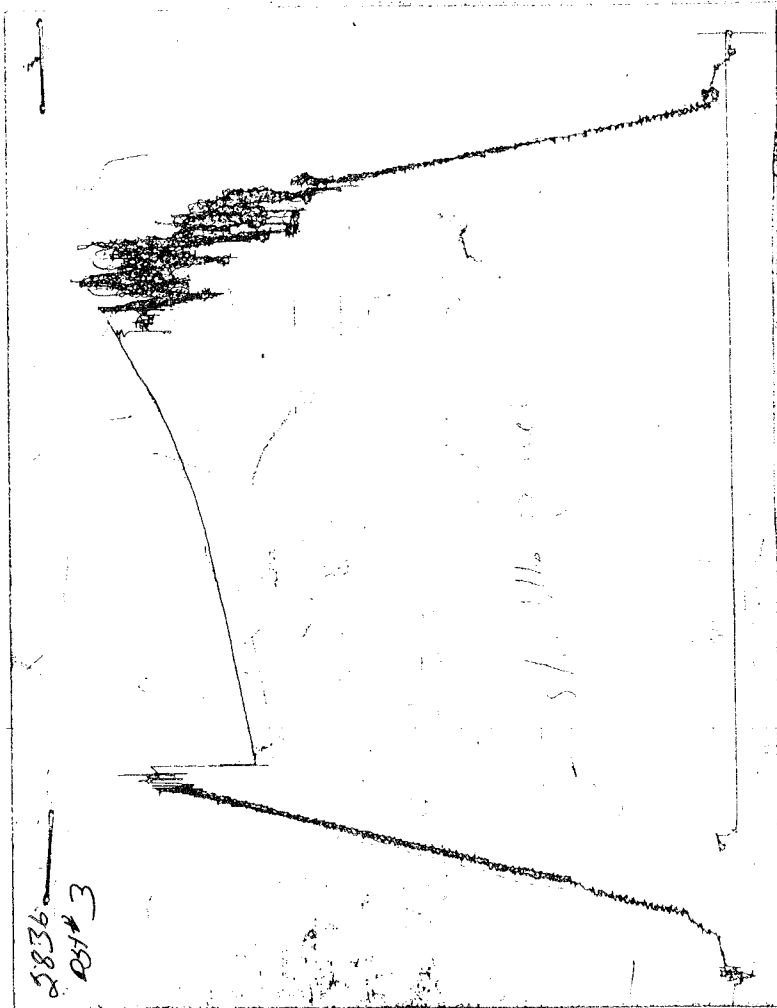


CHART PAGE



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

CHART PAGE



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