WELL NAME:	Sell #1
COMPANY:	DRW Operating Co.
LOCATION:	35-17S-43W
	Greeley County Kansas
DATE:	06/09/97

TRILOBITE TESTING L.L.C.

OPERATOR : DRW Operating Co — DATE 6-6-97
WELL NAME: Sell #1 — KB 3938.00 ft — TICKET NO: 9941 — DST #1
LOCATION : 35-17S-43W Greeley Co KS — GR 3928.00 ft — FORMATION: morrow sand
INTERVAL : 5100.00 To 5235.00 ft — TD 5235.00 ft — TEST TYPE: CONV.

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	11057		2342		
SI 60	Range(Psi)	4500.0	0.0	4995.0	0.0	0.0
SF 60	Clock(hrs)	12		alpin		
FS 120	Depth(ft)	5230.0	0.0	5137.0	0.0	0.0

TIME DATA----------
PF Fr. 0814 to 0844 hr
IS Fr. 0844 to 0944 hr
SF Fr. 0944 to 1044 hr
FS Fr. 1044 to 1244 hr

	Field	1	2	3	4
A. Init Hydro	0.0	0.0	2471.0	0.0	0.0
B. First Flow	0.0	0.0	428.0	0.0	0.0
B1. Final Flow	0.0	0.0	804.0	0.0	0.0
C. In Shut-in	0.0	0.0	961.0	0.0	0.0
D. Init Flow	0.0	0.0	830.0	0.0	0.0
E. Final Flow	0.0	0.0	962.0	0.0	0.0
F. Fl Shut-in	0.0	0.0	995.0	0.0	0.0
G. Final Hydro	0.0	0.0	2467.0	0.0	0.0
Inside/Outside	i		o		

T STARTED 0530 hr
T ON BOTM 0810 hr
T OPEN 0814 hr
T PULLED 1244 hr
T OUT 1154 hr

RECOVERY
Tot Fluid 2050.00 ft of 424.00 ft in DC and 1626.00 ft in DP
465.00 ft of Slightly water cut drilling mud
0.00 ft of 30%water 70%mud
186.00 ft of Water cut mud 60%water 40%mud
93.00 ft of Muddy water 80% water 20% mud
1306.00 ft of Sulfur water 100%
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 45000.00 P.P.M. A.P.I. Gravity 0.00

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

Tool Wt.	5000.00 lbs
Wt Set On Packer	35000.00 lbs
Wt Pulled Loose	155000.00 lbs
Initial Str Wt	105000.00 lbs
Unseated Str Wt	116000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	0.00 in
D. Pipe ID	0.00 in
D.C. Length	516.00 ft
D.P. Length	4663.00 ft

BLOW DESCRIPTION
I.O.- B.O.B. in 1 min

I.S.I.- bleed off blow for 3 min return
blow in 3 min. built to

F.F.-
25 min. died back to 2"in.

F.S.I.-

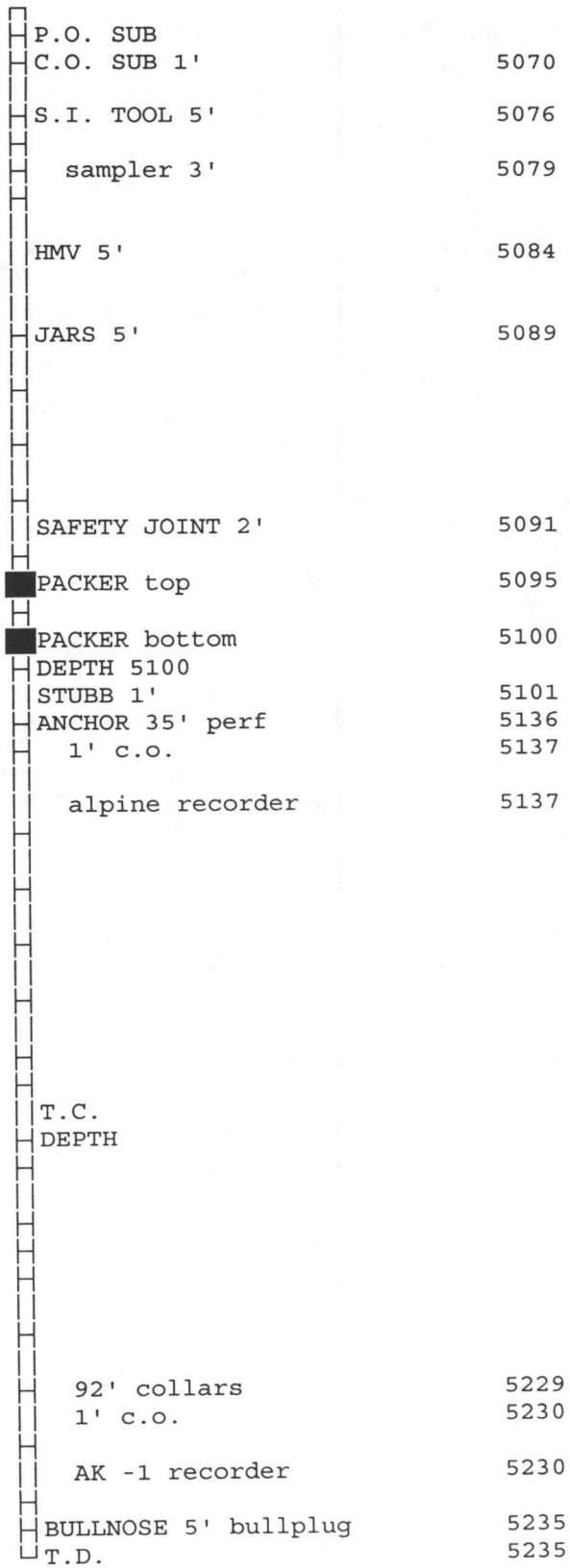
SAMPLES:
SENT TO:

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

Mud Type	chem
Weight	9.10 lb/c
Vis.	51.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	149.00 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	Shane McBride
Co. Rep.	Chris
Contr.	Murfin
Rig #	14
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV.



WELL NAME: Sell #1

LOCATION : 35-17-43

TICKET No. 9941 D.S.T. No. 1 DATE 6-6-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 43

TOTAL TOOL 73

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands1 Single Total 92

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 165

D.C. ABOVE TOOLS.Stands4 Single 2 Total 424

D.P. ABOVE TOOLS.Stands49 Single 2 Total 4663

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5252

TOTAL DEPTH 5235

TOTAL DRILL PIPE ABOVE K.B. 17

REMARKS:
GAS;

OIL;

WATER; 4000

MUD;

Pressure; 60 psi.

Total; 4,000 ml

Chlorides in sampler 45,000 RW .14 @ 77*F

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9941 DST #1 Sell #1 DRW Oper. Co.

DATE: 06/06/97 TIME: 04:31:29

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Initial Hydro.	164.00	2471.7	0.0	122.91		
****** Start Flow 1	0.00	428.2	0.0	123.30		
	1.00	456.0	27.8	123.49		
	2.00	467.9	39.7	123.91		
	3.00	473.3	45.2	124.36		
	4.00	490.2	62.0	124.77		
	5.00	507.6	79.4	125.19		
	6.00	524.5	96.3	125.68		
	7.00	542.1	113.9	126.32		
	8.00	560.0	131.8	127.11		
	9.00	577.1	148.9	128.05		
	10.00	594.1	165.9	129.12		
	11.00	610.5	182.3	130.28		
	12.00	625.9	197.7	131.50		
	13.00	641.0	212.8	132.74		
	14.00	655.0	226.8	133.97		
	15.00	668.6	240.5	135.16		
	16.00	681.1	253.0	136.34		
	17.00	693.1	264.9	137.47		
	18.00	704.5	276.3	138.56		
	19.00	715.4	287.2	139.59		
	20.00	725.8	297.6	140.54		
	21.00	735.7	307.5	141.46		
	22.00	744.9	316.7	142.30		
	23.00	754.0	325.8	143.10		
	24.00	762.6	334.4	143.81		
	25.00	770.5	342.3	144.47		
	26.00	778.4	350.2	145.09		
	27.00	785.7	357.5	145.62		
	28.00	792.4	364.2	146.13		
	29.00	798.9	370.7	146.57		
****** End Flow 1	30.00	804.9	376.7	146.99		
****** Start Shutin 1	0.00	804.9	0.0	146.99	0.0000	0.648
	1.00	856.4	51.5	147.35	31.0000	0.733
	2.00	864.7	59.8	147.70	16.0000	0.748
	3.00	870.9	66.1	148.02	11.0000	0.758
	4.00	876.2	71.3	148.31	8.5000	0.768
	5.00	880.7	75.9	148.57	7.0000	0.776
	6.00	885.0	80.2	148.81	6.0000	0.783
	7.00	888.8	83.9	149.01	5.2857	0.790
	8.00	892.2	87.4	149.16	4.7500	0.796
	9.00	895.5	90.6	149.30	4.3333	0.802
	10.00	898.4	93.6	149.40	4.0000	0.807
	11.00	901.2	96.3	149.50	3.7273	0.812
	12.00	903.9	99.0	149.57	3.5000	0.817
	13.00	906.2	101.4	149.62	3.3077	0.821
	14.00	908.5	103.7	149.64	3.1429	0.825
	15.00	910.9	106.0	149.66	3.0000	0.830
	16.00	912.9	108.0	149.66	2.8750	0.833
	17.00	915.1	110.2	149.66	2.7647	0.837
	18.00	917.0	112.1	149.65	2.6667	0.841

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9941 DST #1 Sell #1 DRW Oper. Co.

DATE: 06/06/97 TIME: 04:31:29

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	19.00	918.7	113.9	149.63	2.5789	0.844
	20.00	920.5	115.7	149.59	2.5000	0.847
	21.00	922.3	117.4	149.55	2.4286	0.851
	22.00	924.0	119.1	149.50	2.3636	0.854
	23.00	925.5	120.6	149.45	2.3043	0.856
	24.00	927.1	122.2	149.39	2.2500	0.859
	25.00	928.6	123.7	149.33	2.2000	0.862
	26.00	930.0	125.1	149.26	2.1538	0.865
	27.00	931.3	126.5	149.20	2.1111	0.867
	28.00	932.7	127.8	149.12	2.0714	0.870
	29.00	934.1	129.2	149.05	2.0345	0.873
	30.00	935.2	130.3	148.97	2.0000	0.875
	31.00	936.5	131.6	148.90	1.9677	0.877
	32.00	937.6	132.8	148.83	1.9375	0.879
	33.00	938.8	133.9	148.75	1.9091	0.881
	34.00	940.0	135.1	148.68	1.8824	0.884
	35.00	941.1	136.2	148.60	1.8571	0.886
	36.00	942.2	137.3	148.53	1.8333	0.888
	37.00	943.3	138.4	148.46	1.8108	0.890
	38.00	944.3	139.4	148.38	1.7895	0.892
	39.00	945.2	140.3	148.31	1.7692	0.893
	40.00	946.2	141.3	148.23	1.7500	0.895
	41.00	947.1	142.3	148.16	1.7317	0.897
	42.00	948.1	143.3	148.09	1.7143	0.899
	43.00	949.0	144.2	148.01	1.6977	0.901
	44.00	949.9	145.0	147.95	1.6818	0.902
	45.00	950.9	146.0	147.87	1.6667	0.904
	46.00	951.7	146.9	147.81	1.6522	0.906
	47.00	952.6	147.7	147.73	1.6383	0.907
	48.00	953.3	148.5	147.68	1.6250	0.909
	49.00	954.2	149.3	147.60	1.6122	0.910
	50.00	954.9	150.1	147.54	1.6000	0.912
	51.00	955.8	150.9	147.48	1.5882	0.913
	52.00	956.5	151.7	147.42	1.5769	0.915
	53.00	957.3	152.4	147.36	1.5660	0.916
	54.00	957.9	153.1	147.29	1.5556	0.918
	55.00	958.8	153.9	147.24	1.5455	0.919
	56.00	959.5	154.7	147.18	1.5357	0.921
	57.00	960.2	155.4	147.11	1.5263	0.922
	58.00	960.9	156.0	147.07	1.5172	0.923
****** End Shut-in 1	59.00	961.6	156.8	147.00	1.5085	0.925
****** Start Flow 2	0.00	830.3	0.0	146.94		
	1.00	835.2	4.9	146.89		
	2.00	843.9	13.6	146.84		
	3.00	852.4	22.1	146.77		
	4.00	859.7	29.5	146.72		
	5.00	866.7	36.4	146.67		
	6.00	873.3	43.0	146.62		
	7.00	878.8	48.5	146.60		
	8.00	884.2	53.9	146.59		
	9.00	889.0	58.7	146.61		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9941 DST #1 Sell #1 DRW Oper. Co.

DATE: 06/06/97 TIME: 04:31:29

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	10.00	893.2	62.9	146.66		
	11.00	897.3	67.0	146.72		
	12.00	900.9	70.6	146.80		
	13.00	904.1	73.9	146.89		
	14.00	907.2	76.9	147.01		
	15.00	910.2	79.9	147.11		
	16.00	912.9	82.6	147.23		
	17.00	915.4	85.1	147.35		
	18.00	917.7	87.5	147.47		
	19.00	919.9	89.6	147.58		
	20.00	921.9	91.6	147.69		
	21.00	923.9	93.6	147.79		
	22.00	925.8	95.5	147.88		
	23.00	927.4	97.1	147.97		
	24.00	929.2	98.9	148.03		
	25.00	930.8	100.5	147.98		
	26.00	932.3	102.1	147.80		
	27.00	933.8	103.5	147.57		
	28.00	935.2	104.9	147.34		
	29.00	936.5	106.2	147.14		
	30.00	937.7	107.4	147.03		
	31.00	939.1	108.9	146.98		
	32.00	940.2	109.9	146.99		
	33.00	941.3	111.0	147.02		
	34.00	942.3	112.0	147.09		
	35.00	943.3	113.1	147.17		
	36.00	944.4	114.1	147.25		
	37.00	945.4	115.1	147.35		
	38.00	946.4	116.1	147.43		
	39.00	947.3	117.0	147.52		
	40.00	948.3	118.0	147.59		
	41.00	949.1	118.8	147.66		
	42.00	950.0	119.7	147.73		
	43.00	950.8	120.5	147.79		
	44.00	951.6	121.4	147.84		
	45.00	952.6	122.3	147.88		
	46.00	953.6	123.3	147.91		
	47.00	954.3	124.0	147.94		
	48.00	955.0	124.7	147.97		
	49.00	955.8	125.6	147.99		
	50.00	956.5	126.2	148.00		
	51.00	957.1	126.8	148.01		
	52.00	957.9	127.6	148.01		
	53.00	958.4	128.2	148.02		
	54.00	959.2	128.9	148.02		
	55.00	959.8	129.5	148.02		
	56.00	960.4	130.1	148.01		
	57.00	961.0	130.8	148.00		
	58.00	961.6	131.3	148.00		
	59.00	962.1	131.9	147.98		
****** End Flow 2	60.00	962.7	132.4	147.96		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9941 DST #1 Sell #1 DRW Oper. Co.

DATE: 06/06/97 TIME: 04:31:29

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Start Shutin 2	0.00	962.7	0.0	147.96	0.0000	0.927
	1.00	966.3	3.6	147.95	91.0000	0.934
	2.00	967.8	5.0	147.94	46.0000	0.937
	3.00	968.7	6.0	147.93	31.0000	0.938
	4.00	969.5	6.8	147.91	23.5000	0.940
	5.00	970.3	7.6	147.89	19.0000	0.941
	6.00	971.0	8.3	147.87	16.0000	0.943
	7.00	971.6	8.9	147.85	13.8571	0.944
	8.00	972.3	9.6	147.84	12.2500	0.945
	9.00	973.0	10.2	147.81	11.0000	0.947
	10.00	973.6	10.8	147.79	10.0000	0.948
	11.00	974.2	11.5	147.77	9.1818	0.949
	12.00	974.6	11.9	147.74	8.5000	0.950
	13.00	975.2	12.5	147.72	7.9231	0.951
	14.00	975.7	13.0	147.70	7.4286	0.952
	15.00	976.2	13.4	147.68	7.0000	0.953
	16.00	976.6	13.8	147.66	6.6250	0.954
	17.00	977.1	14.4	147.66	6.2941	0.955
	18.00	977.6	14.9	147.66	6.0000	0.956
	19.00	978.0	15.3	147.54	5.7368	0.956
	20.00	978.5	15.8	147.39	5.5000	0.957
	21.00	978.9	16.2	147.46	5.2857	0.958
	22.00	979.3	16.6	147.45	5.0909	0.959
	23.00	979.7	17.0	147.43	4.9130	0.960
	24.00	980.1	17.4	147.41	4.7500	0.961
	25.00	980.5	17.8	147.38	4.6000	0.961
	26.00	980.9	18.1	147.35	4.4615	0.962
	27.00	981.2	18.5	147.32	4.3333	0.963
	28.00	981.6	18.9	147.29	4.2143	0.964
	29.00	981.9	19.1	147.26	4.1034	0.964
	30.00	982.2	19.5	147.22	4.0000	0.965
	31.00	982.6	19.9	147.20	3.9032	0.966
	32.00	982.9	20.1	147.17	3.8125	0.966
	33.00	983.2	20.5	147.13	3.7273	0.967
	34.00	983.5	20.7	147.11	3.6471	0.967
	35.00	983.7	21.0	147.07	3.5714	0.968
	36.00	984.0	21.2	147.04	3.5000	0.968
	37.00	984.2	21.5	147.01	3.4324	0.969
	38.00	984.5	21.8	146.99	3.3684	0.969
	39.00	984.8	22.1	146.96	3.3077	0.970
	40.00	985.1	22.3	146.93	3.2500	0.970
	41.00	985.3	22.6	146.90	3.1951	0.971
	42.00	985.6	22.8	146.87	3.1429	0.971
	43.00	985.8	23.1	146.85	3.0930	0.972
	44.00	986.1	23.3	146.82	3.0455	0.972
	45.00	986.3	23.6	146.79	3.0000	0.973
	46.00	986.5	23.8	146.76	2.9565	0.973
	47.00	986.7	24.0	146.74	2.9149	0.974
	48.00	986.9	24.2	146.71	2.8750	0.974
	49.00	987.2	24.4	146.68	2.8367	0.974
	50.00	987.3	24.6	146.66	2.8000	0.975

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9941 DST #1 Sell #1 DRW Oper. Co.

DATE: 06/06/97 TIME: 04:31:29

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
51.00	987.6	24.8	146.62	2.7647	0.975
52.00	987.8	25.1	146.60	2.7308	0.976
53.00	987.9	25.2	146.58	2.6981	0.976
54.00	988.2	25.4	146.55	2.6667	0.976
55.00	988.3	25.6	146.53	2.6364	0.977
56.00	988.5	25.8	146.50	2.6071	0.977
57.00	988.7	25.9	146.47	2.5789	0.977
58.00	988.8	26.1	146.45	2.5517	0.978
59.00	989.0	26.3	146.43	2.5254	0.978
60.00	989.2	26.4	146.40	2.5000	0.978
61.00	989.3	26.6	146.38	2.4754	0.979
62.00	989.6	26.9	146.35	2.4516	0.979
63.00	989.7	26.9	146.33	2.4286	0.979
64.00	989.8	27.1	146.31	2.4062	0.980
65.00	990.0	27.3	146.27	2.3846	0.980
66.00	990.2	27.4	146.26	2.3636	0.980
67.00	990.3	27.6	146.24	2.3433	0.981
68.00	990.5	27.8	146.22	2.3235	0.981
69.00	990.6	27.9	146.20	2.3043	0.981
70.00	990.8	28.1	146.17	2.2857	0.982
71.00	990.9	28.2	146.15	2.2676	0.982
72.00	991.1	28.4	146.13	2.2500	0.982
73.00	991.2	28.5	146.12	2.2329	0.982
74.00	991.3	28.6	146.09	2.2162	0.983
75.00	991.4	28.7	146.07	2.2000	0.983
76.00	991.5	28.8	146.05	2.1842	0.983
77.00	991.7	29.0	146.03	2.1688	0.983
78.00	991.9	29.1	146.01	2.1538	0.984
79.00	992.0	29.3	145.99	2.1392	0.984
80.00	992.1	29.4	145.98	2.1250	0.984
81.00	992.2	29.5	145.96	2.1111	0.984
82.00	992.3	29.5	145.94	2.0976	0.985
83.00	992.4	29.7	145.92	2.0843	0.985
84.00	992.5	29.8	145.90	2.0714	0.985
85.00	992.6	29.9	145.88	2.0588	0.985
86.00	992.7	30.0	145.87	2.0465	0.985
87.00	992.8	30.0	145.85	2.0345	0.986
88.00	992.9	30.2	145.83	2.0227	0.986
89.00	993.1	30.4	145.80	2.0112	0.986
90.00	993.1	30.4	145.79	2.0000	0.986
91.00	993.2	30.5	145.77	1.9890	0.986
92.00	993.3	30.5	145.76	1.9783	0.987
93.00	993.4	30.6	145.74	1.9677	0.987
94.00	993.5	30.8	145.72	1.9574	0.987
95.00	993.5	30.8	145.70	1.9474	0.987
96.00	993.7	31.0	145.69	1.9375	0.987
97.00	993.7	31.0	145.67	1.9278	0.987
98.00	993.9	31.2	145.66	1.9184	0.988
99.00	993.9	31.2	145.64	1.9091	0.988
100.00	994.0	31.2	145.63	1.9000	0.988
101.00	994.0	31.3	145.61	1.8911	0.988

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9941 DST #1 Sell #1 DRW Oper. Co.

DATE: 06/06/97 TIME: 04:31:29

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	102.00	994.1	31.4	145.60	1.8824	0.988
	103.00	994.3	31.6	145.58	1.8738	0.989
	104.00	994.3	31.6	145.57	1.8654	0.989
	105.00	994.5	31.7	145.56	1.8571	0.989
	106.00	994.5	31.7	145.54	1.8491	0.989
	107.00	994.6	31.9	145.53	1.8411	0.989
	108.00	994.7	32.0	145.51	1.8333	0.989
	109.00	994.8	32.1	145.50	1.8257	0.990
	110.00	994.8	32.1	145.48	1.8182	0.990
	111.00	994.9	32.2	145.47	1.8108	0.990
	112.00	995.0	32.2	145.45	1.8036	0.990
	113.00	995.1	32.3	145.44	1.7965	0.990
	114.00	995.1	32.3	145.43	1.7895	0.990
	115.00	995.1	32.4	145.43	1.7826	0.990
	116.00	995.1	32.4	145.40	1.7759	0.990
	117.00	995.2	32.5	145.39	1.7692	0.990
	118.00	995.4	32.6	145.39	1.7627	0.991
****** End Shut-in 2	119.00	995.4	32.6	145.37	1.7563	0.991
****** Final Hydro.	438.00	2467.7	0.0	145.40		

TEST HISTORY

9941 DST #1 Sell #1 DRW Oper. Co.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2471.75
B:	0.00	428.19
C:	30.00	804.86
D:	59.00	961.64
E:	0.00	830.29
F:	60.00	962.73
G:	119.00	995.38
Q:	0.00	2467.72

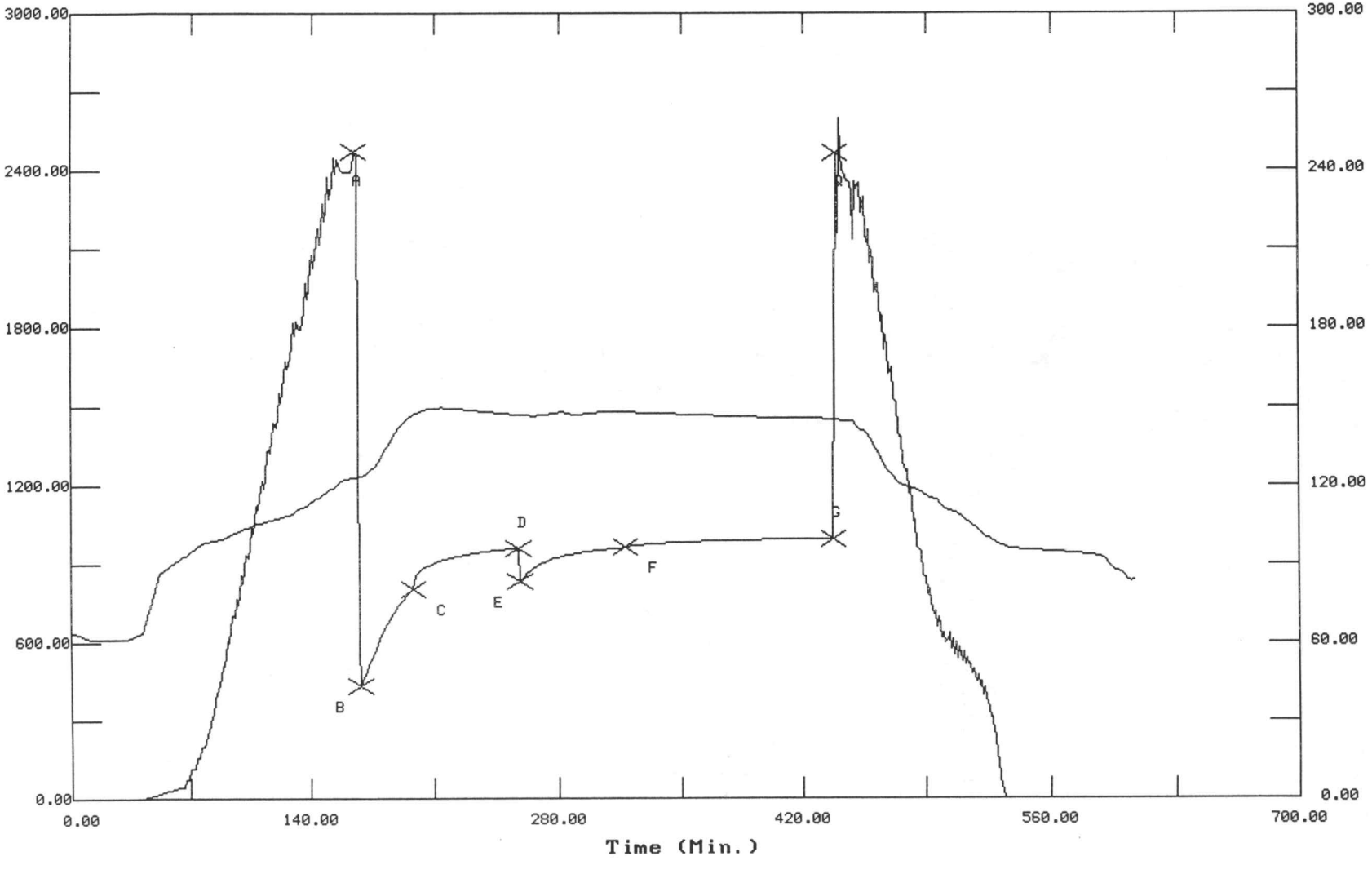
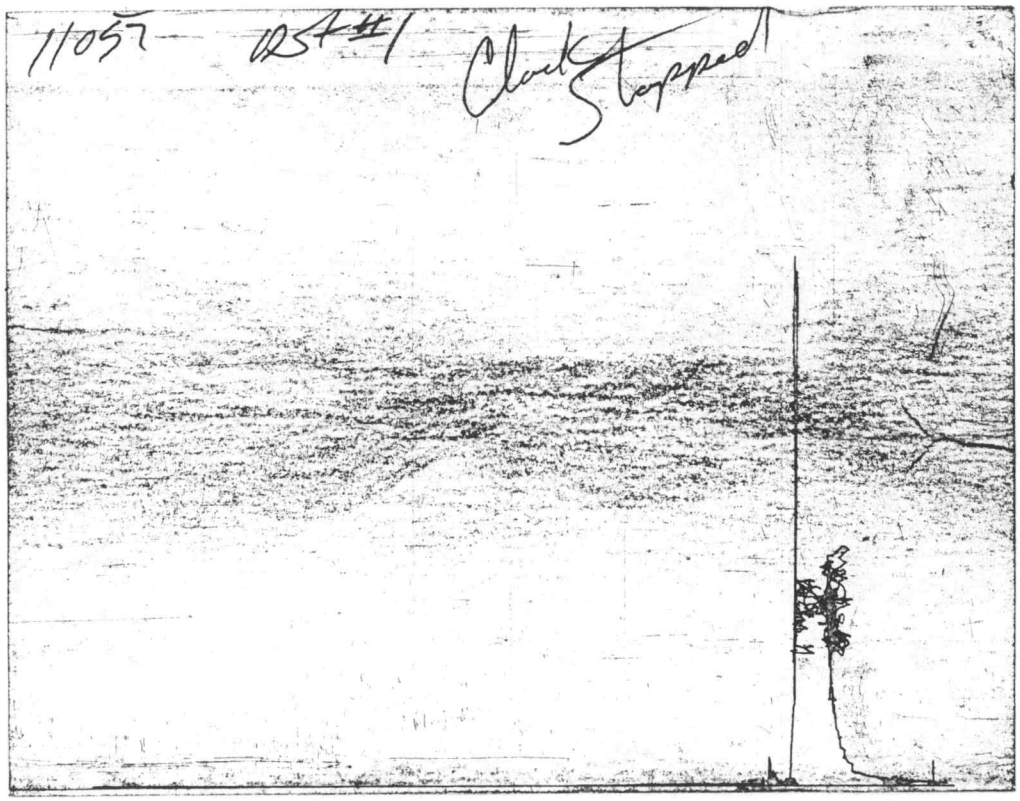


CHART PAGE



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