

15-119-20973-00-00

15-119-20973-0000

DST

WELL NAME: Jessie S #2
COMPANY: Quinque Oper. Company
LOCATION: Sec. 32 Twp. 34S Rge. 30W
Meade County Kansas
DATE: 10-30-96

RELEASED
APR 6 1998
FROM CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Quinque Oper. Company

DATE 10-27-96

WELL NAME: Jessie S #2

KB 2538.00 ft

TICKET NO: 8649

DST #1

LOCATION : 32-34S-30W

GR 2526.00 ft

FORMATION: Morrow

INTERVAL : 5772.00 To 5799.00 ft

TD 5799.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	2836	2836	2341			PF Fr. 0355 to 0425 hr
SI 60 Range(Psi)	3500.0	3500.0	4995.0	0.0	0.0	IS Fr. 0425 to 0525 hr
SF 60 Clock(hrs)	12Hr.	12Hr.	Elec.			SF Fr. 0525 to 0625 hr
FS 120 Depth(ft)	5796.0	5796.0	5776.0	0.0	0.0	FS Fr. 0625 to 0825 hr

	Field	1	2	3	4	
A. Init Hydro	2804.0	2816.0	2814.0	0.0	0.0	T STARTED 0135 hr
B. First Flow	51.0	54.0	19.0	0.0	0.0	T ON BOTM 0352 hr
B1. Final Flow	51.0	54.0	25.0	0.0	0.0	T OPEN 0355 hr
C. In Shut-in	686.0	687.0	752.0	0.0	0.0	T PULLED 0825 hr
D. Init Flow	59.0	60.0	18.0	0.0	0.0	T OUT 1100 hr
E. Final Flow	51.0	51.0	26.0	0.0	0.0	
F. Fl Shut-in	737.0	743.0	798.0	0.0	0.0	
G. Final Hydro	2677.0	2659.0	2721.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----

Tool Wt. 1800.00 lbs
 Wt Set On Packer 30000.00 lbs
 Wt Pulled Loose 130000.00 lbs
 Initial Str Wt 105000.00 lbs
 Unseated Str Wt 110000.00 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 619.00 ft
 D.P. Length 5150.00 ft
 H.W. I.D 2.70 in

RECOVERY

Tot Fluid 15.00 ft of 15.00 ft in DC and 0.00 ft in DP
 1150.00 ft of Gas in drilling pipe
 0.00 ft of
 15.00 ft of 100% Drilling Mud
 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

MUD DATA-----

Mud Type Chemical
 Weight 9.00 lb/cf
 Vis. 42.00 S/L
 W.L. 8.20 in3
 F.C. 0.00 in
 Mud Drop Y 55.0 ft

BLOW DESCRIPTION

Initial Flow -
 Fair blow - built to bottom of bucket in 30 min.

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

Final Flow -
 Strong blow - bottom of bucket soon as open tool

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

SAMPLES: yes 1
 SENT TO: Caraway Lab Liberal

Amt. of fill 0.00 ft
 Btm. H. Temp. 127.00 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. Marvin Harvey
 Contr. Beredco
 Rig # 4
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Jessie S #2

LOCATION : 32-34S-30W

TICKET No. 8649 D.S.T. No. 1 DATE 10-27-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30ft.

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 27ft

TOTAL TOOL 57ft.

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single 7 Total

D.P. ANCHOR STND.Stands 619 Single 55 Total 1

TOTAL ASSEMBLY 5150ft

D.C. ABOVE TOOLS.Stands582 Single Total 619ft.

D.P. ABOVE TOOLS.Stands55 Single 1 Total 5150ft.

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5826ft.

TOTAL DEPTH 5799ft.

TOTAL DRILL PIPE ABOVE K.B. 27ft.

REMARKS:

SAMPLER DATA

1.8 Cubic ft. Gas

2500 ml. Mud

750 PSI.

4000ml Total

P.O. SUB 1ft	5742
C.O. SUB	
S.I. TOOL 5ft	5743
3ft SAMPLER	5748
HMV 5ft	5751
JARS 5ft	5756
SAFETY JOINT 2ft	5761
PACKER 5ft	5767
PACKER 5ft	5772
DEPTH	
STUBB 1ft	5773
ANCHOR	
2ft perf	5775
Alpine Rec.	5776
T.C.	
DEPTH	
6ft pick up sub	5781
15ft perf	5796
AK-1 Rec	5796
BULLNOSE	
T.D. 3ft Bullplug	5796

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8649 DST#1 Jessie S #2 Quinque

DATE: 10/28/96 TIME: 03:02:36

	Time	Pressure PSIG	delta P PSIG	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	125.00	2814.6	0.0	113.35		
***** Start Flow 1	0.00	20.0	0.0	113.65		
	1.00	22.0	2.0	113.60		
	2.00	22.1	2.1	113.48		
	3.00	22.0	2.0	113.36		
	4.00	22.5	2.5	113.26		
	5.00	22.4	2.4	113.15		
	6.00	22.6	2.6	113.07		
	7.00	24.9	4.9	113.00		
	8.00	24.9	4.9	112.95		
	9.00	25.2	5.2	112.91		
	10.00	25.0	5.0	112.88		
	11.00	25.3	5.3	112.86		
	12.00	25.3	5.3	112.85		
	13.00	25.6	5.6	112.84		
	14.00	25.7	5.7	112.84		
	15.00	25.5	5.5	112.85		
	16.00	25.8	5.8	112.85		
	17.00	26.4	6.4	112.86		
	18.00	26.0	6.0	112.87		
	19.00	26.4	6.4	112.88		
	20.00	26.0	6.0	112.90		
	21.00	26.4	6.4	112.91		
	22.00	26.4	6.4	112.93		
	23.00	26.3	6.3	112.95		
	24.00	26.6	6.6	112.97		
	25.00	26.7	6.7	112.99		
	26.00	24.8	4.8	113.02		
	27.00	24.8	4.8	113.03		
	28.00	25.0	5.0	113.07		
	29.00	25.0	5.0	113.08		
***** End Flow 1	30.00	25.5	5.5	113.11		
***** Start Shutin 1	0.00	25.5	0.0	113.11	0.0000	0.001
	1.00	46.1	20.6	113.14	31.0000	0.002
	2.00	67.5	42.0	113.16	16.0000	0.005
	3.00	88.4	62.9	113.19	11.0000	0.008
	4.00	109.0	83.5	113.23	8.5000	0.012
	5.00	129.3	103.7	113.26	7.0000	0.017
	6.00	149.2	123.7	113.29	6.0000	0.022
	7.00	169.4	143.8	113.32	5.2857	0.029
	8.00	189.2	163.7	113.35	4.7500	0.036
	9.00	208.9	183.4	113.39	4.3333	0.044
	10.00	228.3	202.8	113.43	4.0000	0.052
	11.00	247.8	222.2	113.46	3.7273	0.061
	12.00	266.8	241.3	113.50	3.5000	0.071
	13.00	285.6	260.1	113.54	3.3077	0.082
	14.00	304.2	278.7	113.58	3.1429	0.093
	15.00	322.6	297.1	113.61	3.0000	0.104
	16.00	340.8	315.3	113.66	2.8750	0.116
	17.00	358.6	333.1	113.69	2.7647	0.129
	18.00	376.1	350.6	113.74	2.6667	0.141

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Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶	
19.00	393.2	367.7	113.77	2.5789	0.155	
20.00	410.0	384.5	113.81	2.5000	0.168	
21.00	426.5	401.0	113.85	2.4286	0.182	
22.00	442.4	416.9	113.89	2.3636	0.196	
23.00	458.0	432.5	113.93	2.3043	0.210	
24.00	473.1	447.6	113.97	2.2500	0.224	
25.00	487.8	462.3	114.02	2.2000	0.238	
26.00	502.0	476.5	114.05	2.1538	0.252	
27.00	515.9	490.4	114.10	2.1111	0.266	
28.00	529.1	503.6	114.13	2.0714	0.280	
29.00	542.1	516.5	114.17	2.0345	0.294	
30.00	554.5	529.0	114.21	2.0000	0.307	
31.00	566.6	541.0	114.26	1.9677	0.321	
32.00	578.3	552.7	114.29	1.9375	0.334	
33.00	589.4	563.9	114.34	1.9091	0.347	
34.00	600.1	574.6	114.38	1.8824	0.360	
35.00	610.4	584.8	114.43	1.8571	0.373	
36.00	620.1	594.6	114.46	1.8333	0.385	
37.00	629.6	604.1	114.50	1.8108	0.396	
38.00	638.6	613.0	114.55	1.7895	0.408	
39.00	647.1	621.6	114.59	1.7692	0.419	
40.00	655.4	629.9	114.63	1.7500	0.430	
41.00	663.2	637.7	114.68	1.7317	0.440	
42.00	670.7	645.2	114.71	1.7143	0.450	
43.00	677.8	652.2	114.76	1.6977	0.459	
44.00	684.5	659.0	114.80	1.6818	0.469	
45.00	690.9	665.4	114.84	1.6667	0.477	
46.00	697.0	671.5	114.88	1.6522	0.486	
47.00	702.8	677.3	114.93	1.6383	0.494	
48.00	708.2	682.7	114.97	1.6250	0.502	
49.00	713.5	688.0	115.02	1.6122	0.509	
50.00	718.4	692.9	115.05	1.6000	0.516	
51.00	723.0	697.5	115.09	1.5882	0.523	
52.00	727.5	701.9	115.13	1.5769	0.529	
53.00	731.6	706.1	115.17	1.5660	0.535	
54.00	735.5	710.0	115.20	1.5556	0.541	
55.00	739.3	713.8	115.25	1.5455	0.547	
56.00	742.9	717.3	115.29	1.5357	0.552	
57.00	746.1	720.6	115.33	1.5263	0.557	
58.00	749.2	723.7	115.37	1.5172	0.561	
***** End Shut-in 1	59.00	752.2	726.7	115.41	1.5085	0.566
***** Start Flow 2	0.00	18.9	0.0	115.42		
	1.00	22.2	3.3	115.45		
	2.00	23.2	4.3	115.46		
	3.00	23.5	4.6	115.48		
	4.00	24.1	5.1	115.51		
	5.00	24.2	5.3	115.54		
	6.00	24.5	5.5	115.57		
	7.00	24.6	5.6	115.61		
	8.00	24.7	5.8	115.65		
	9.00	24.8	5.9	115.68		

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
	10.00	25.0	6.0	115.72		
	11.00	25.0	6.0	115.76		
	12.00	25.0	6.1	115.79		
	13.00	25.1	6.1	115.83		
	14.00	25.1	6.2	115.86		
	15.00	25.1	6.1	115.90		
	16.00	25.1	6.2	115.93		
	17.00	25.1	6.2	115.97		
	18.00	25.2	6.3	116.00		
	19.00	25.3	6.4	116.04		
	20.00	25.2	6.3	116.08		
	21.00	25.4	6.5	116.11		
	22.00	25.4	6.4	116.15		
	23.00	25.4	6.4	116.17		
	24.00	25.4	6.4	116.21		
	25.00	25.4	6.5	116.25		
	26.00	25.5	6.6	116.29		
	27.00	25.4	6.5	116.31		
	28.00	25.6	6.6	116.35		
	29.00	25.6	6.6	116.39		
	30.00	25.6	6.6	116.42		
	31.00	25.6	6.7	116.45		
	32.00	25.6	6.7	116.48		
	33.00	25.6	6.7	116.52		
	34.00	25.6	6.7	116.54		
	35.00	25.9	7.0	116.59		
	36.00	25.6	6.7	116.61		
	37.00	25.7	6.8	116.65		
	38.00	25.8	6.8	116.68		
	39.00	25.8	6.8	116.72		
	40.00	25.8	6.8	116.75		
	41.00	25.7	6.8	116.78		
	42.00	25.8	6.8	116.81		
	43.00	25.8	6.9	116.84		
	44.00	25.9	6.9	116.87		
	45.00	25.8	6.9	116.90		
	46.00	26.0	7.1	116.94		
	47.00	25.9	7.0	116.97		
	48.00	26.0	7.1	117.00		
	49.00	26.0	7.1	117.03		
	50.00	26.1	7.1	117.06		
	51.00	26.1	7.2	117.09		
	52.00	26.1	7.2	117.12		
	53.00	26.1	7.2	117.16		
	54.00	26.1	7.1	117.19		
***** End Flow 2	55.00	26.3	7.3	117.22		
***** Start Shutin 2	0.00	26.3	0.0	117.22	0.0000	0.001
	1.00	25.9	-0.3	117.26	86.0000	0.001
	2.00	25.7	-0.6	117.28	43.5000	0.001
	3.00	25.6	-0.6	117.31	29.3333	0.001
	4.00	25.5	-0.8	117.34	22.2500	0.001

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
5.00	64.5	38.2	117.37	18.0000	0.004
6.00	118.7	92.4	117.42	15.1667	0.014
7.00	169.8	143.6	117.48	13.1429	0.029
8.00	217.7	191.5	117.55	11.6250	0.047
9.00	263.0	236.8	117.64	10.4444	0.069
10.00	305.6	279.4	117.72	9.5000	0.093
11.00	345.4	319.1	117.82	8.7273	0.119
12.00	382.8	356.6	117.91	8.0833	0.147
13.00	417.8	391.6	118.00	7.5385	0.175
14.00	450.6	424.4	118.08	7.0714	0.203
15.00	481.5	455.3	118.16	6.6667	0.232
16.00	510.3	484.0	118.24	6.3125	0.260
17.00	537.0	510.8	118.30	6.0000	0.288
18.00	561.8	535.6	118.39	5.7222	0.316
19.00	584.8	558.5	118.42	5.4737	0.342
20.00	605.7	579.5	118.44	5.2500	0.367
21.00	625.1	598.8	118.51	5.0476	0.391
22.00	642.6	616.4	118.56	4.8636	0.413
23.00	658.6	632.3	118.60	4.6957	0.434
24.00	673.0	646.7	118.66	4.5417	0.453
25.00	686.0	659.7	118.70	4.4000	0.471
26.00	697.7	671.5	118.75	4.2692	0.487
27.00	708.2	681.9	118.77	4.1481	0.502
28.00	717.6	691.4	118.80	4.0357	0.515
29.00	726.1	699.8	118.84	3.9310	0.527
30.00	733.6	707.3	118.87	3.8333	0.538
31.00	740.3	714.1	118.91	3.7419	0.548
32.00	746.2	720.0	118.93	3.6562	0.557
33.00	751.5	725.2	118.97	3.5758	0.565
34.00	756.2	730.0	118.99	3.5000	0.572
35.00	760.4	734.1	119.02	3.4286	0.578
36.00	764.1	737.8	119.04	3.3611	0.584
37.00	767.3	741.1	119.08	3.2973	0.589
38.00	770.2	744.0	119.08	3.2368	0.593
39.00	772.9	746.6	119.12	3.1795	0.597
40.00	775.1	748.8	119.15	3.1250	0.601
41.00	777.0	750.8	119.17	3.0732	0.604
42.00	778.9	752.6	119.18	3.0238	0.607
43.00	780.5	754.3	119.21	2.9767	0.609
44.00	781.9	755.6	119.23	2.9318	0.611
45.00	783.1	756.9	119.25	2.8889	0.613
46.00	784.3	758.0	119.28	2.8478	0.615
47.00	785.4	759.1	119.30	2.8085	0.617
48.00	786.2	759.9	119.33	2.7708	0.618
49.00	787.0	760.8	119.35	2.7347	0.619
50.00	787.8	761.5	119.38	2.7000	0.621
51.00	788.5	762.2	119.39	2.6667	0.622
52.00	789.1	762.8	119.42	2.6346	0.623
53.00	789.6	763.3	119.45	2.6038	0.623
54.00	790.1	763.9	119.46	2.5741	0.624
55.00	790.6	764.4	119.49	2.5455	0.625

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56.00	791.0	764.7	119.51	2.5179	0.626
57.00	791.4	765.1	119.53	2.4912	0.626
58.00	791.7	765.4	119.55	2.4655	0.627
59.00	792.0	765.7	119.58	2.4407	0.627
60.00	792.4	766.1	119.60	2.4167	0.628
61.00	792.6	766.3	119.61	2.3934	0.628
62.00	792.9	766.6	119.64	2.3710	0.629
63.00	793.1	766.9	119.67	2.3492	0.629
64.00	793.3	767.1	119.69	2.3281	0.629
65.00	793.6	767.3	119.72	2.3077	0.630
66.00	793.8	767.5	119.73	2.2879	0.630
67.00	793.9	767.7	119.76	2.2687	0.630
68.00	794.2	767.9	119.78	2.2500	0.631
69.00	794.3	768.0	119.81	2.2319	0.631
70.00	794.4	768.2	119.84	2.2143	0.631
71.00	794.6	768.3	119.86	2.1972	0.631
72.00	794.8	768.5	119.88	2.1806	0.632
73.00	795.0	768.7	119.91	2.1644	0.632
74.00	795.0	768.8	119.93	2.1486	0.632
75.00	795.2	768.9	119.96	2.1333	0.632
76.00	795.3	769.0	119.98	2.1184	0.633
77.00	795.4	769.1	120.00	2.1039	0.633
78.00	795.4	769.2	120.02	2.0897	0.633
79.00	795.6	769.3	120.05	2.0759	0.633
80.00	795.8	769.5	120.08	2.0625	0.633
81.00	795.8	769.6	120.10	2.0494	0.633
82.00	795.9	769.6	120.12	2.0366	0.633
83.00	795.9	769.7	120.14	2.0241	0.634
84.00	796.1	769.9	120.17	2.0119	0.634
85.00	796.2	769.9	120.19	2.0000	0.634
86.00	796.2	770.0	120.22	1.9884	0.634
87.00	796.3	770.0	120.24	1.9770	0.634
88.00	796.3	770.1	120.27	1.9659	0.634
89.00	796.4	770.1	120.28	1.9551	0.634
90.00	796.5	770.3	120.31	1.9444	0.634
91.00	796.6	770.3	120.33	1.9341	0.635
92.00	796.6	770.4	120.36	1.9239	0.635
93.00	796.8	770.5	120.37	1.9140	0.635
94.00	796.8	770.6	120.41	1.9043	0.635
95.00	796.8	770.5	120.43	1.8947	0.635
96.00	796.8	770.6	120.46	1.8854	0.635
97.00	797.0	770.7	120.48	1.8763	0.635
98.00	797.0	770.7	120.49	1.8673	0.635
99.00	797.0	770.8	120.52	1.8586	0.635
100.00	797.2	770.9	120.55	1.8500	0.635
101.00	797.1	770.8	120.57	1.8416	0.635
102.00	797.2	770.9	120.59	1.8333	0.636
103.00	797.2	771.0	120.61	1.8252	0.636
104.00	797.3	771.0	120.64	1.8173	0.636
105.00	797.3	771.1	120.66	1.8095	0.636
106.00	797.3	771.1	120.69	1.8019	0.636

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8649 DST#1 Jessie S #2 Quinque
 DATE: 10/28/96 TIME: 03:02:36

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	107.00	797.5	771.2	120.71	1.7944	0.636
	108.00	797.5	771.3	120.72	1.7870	0.636
	109.00	797.6	771.3	120.76	1.7798	0.636
	110.00	797.7	771.5	120.78	1.7727	0.636
	111.00	797.8	771.5	120.80	1.7658	0.636
	112.00	797.9	771.6	120.82	1.7589	0.637
	113.00	797.8	771.6	120.85	1.7522	0.637
	114.00	798.0	771.8	120.86	1.7456	0.637
	115.00	798.1	771.8	120.88	1.7391	0.637
	116.00	798.2	771.9	120.90	1.7328	0.637
	117.00	798.2	772.0	120.94	1.7265	0.637
	118.00	798.3	772.1	120.96	1.7203	0.637
	119.00	798.4	772.2	120.99	1.7143	0.637
	120.00	798.4	772.2	121.01	1.7083	0.637
	121.00	798.5	772.3	121.02	1.7025	0.638
	122.00	798.6	772.3	121.04	1.6967	0.638
	123.00	798.6	772.4	121.06	1.6911	0.638
	124.00	798.6	772.4	121.09	1.6855	0.638
***** End Shut-in 2	125.00	798.7	772.5	121.11	1.6800	0.638
***** Final Hydro.	403.00	2721.2	0.0	121.67		

TEST HISTORY

8649 DST#1 Jessie S #2 Quinque

Flag Points

	t (Min.)	P (PSig)
A:	0.00	2814.61
B:	0.00	19.99
C:	30.00	25.52
D:	59.00	752.21
E:	0.00	18.91
F:	55.00	26.26
G:	125.00	798.73
Q:	0.00	2721.17

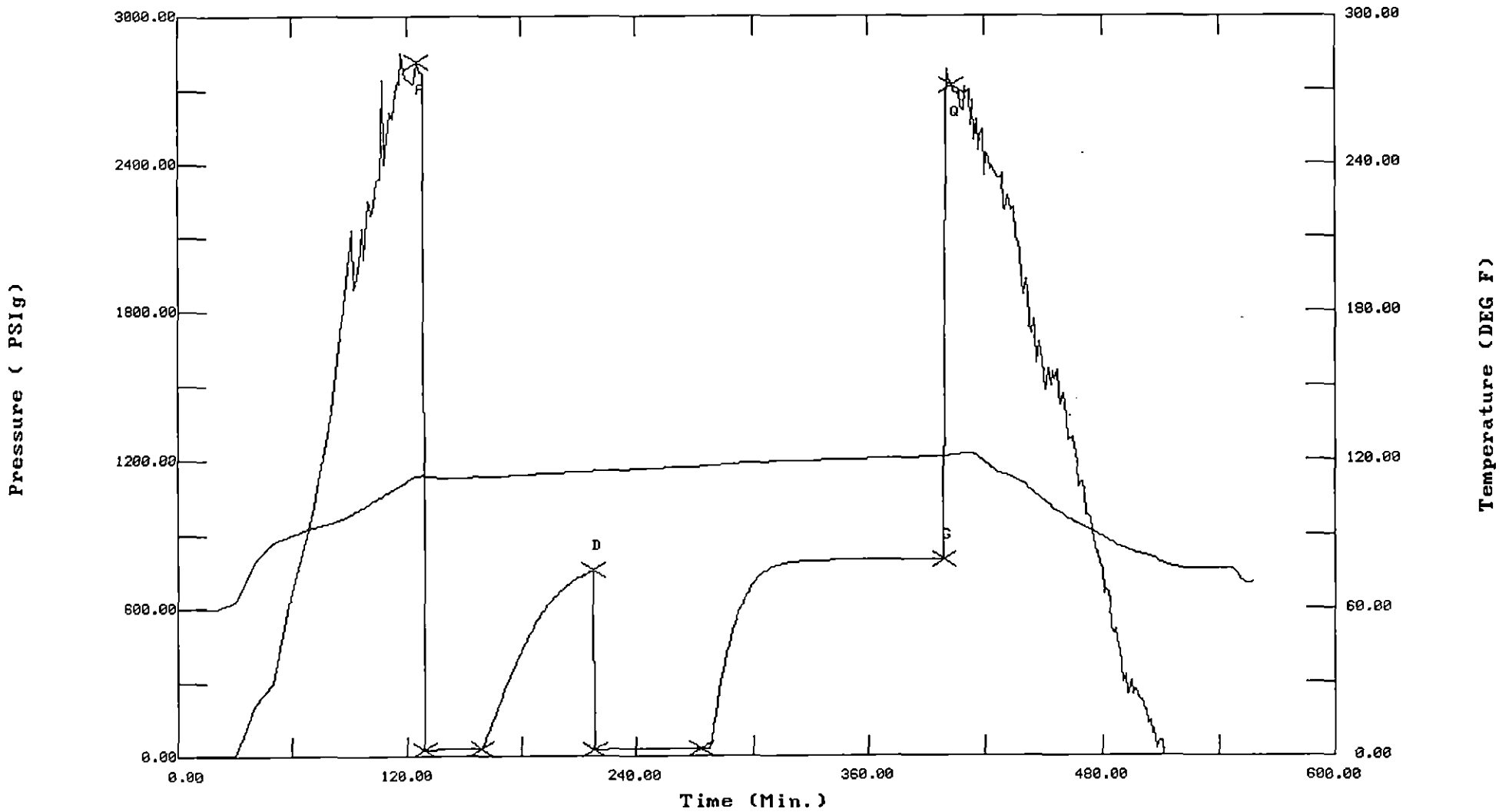
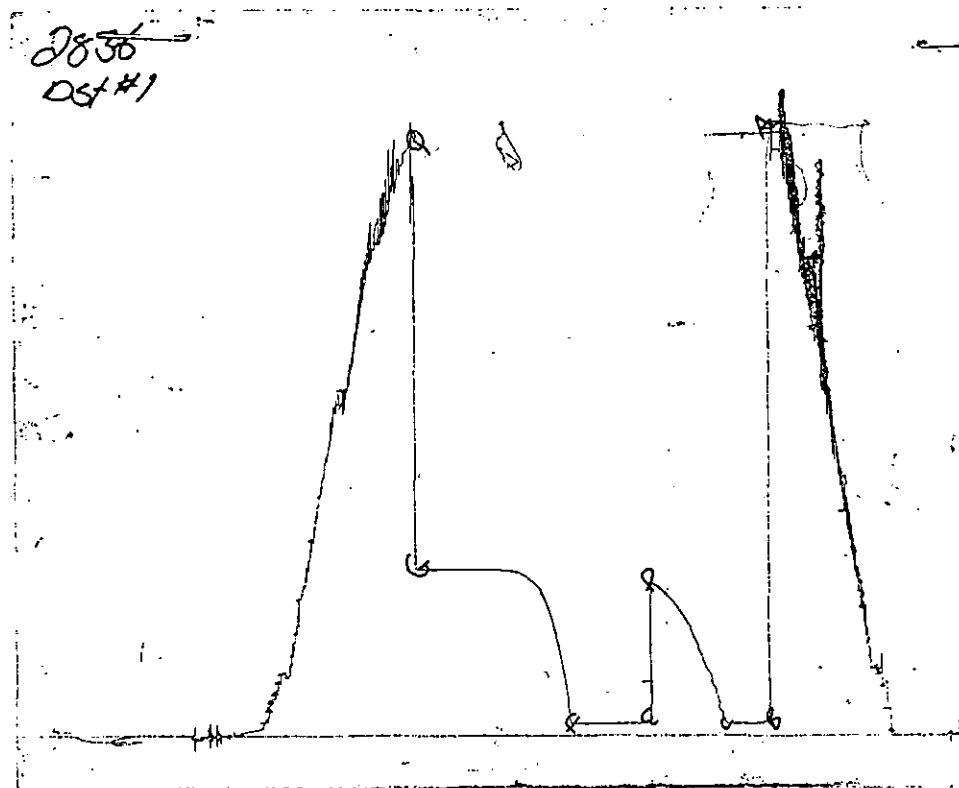


CHART PAGE



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